

12-23-2008



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To the Director of the Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

SamSung SDI Co., Ltd.Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Samsung Mobile Display Co., Ltd.*a corporation chartered in and existing under the laws of
Republic of Korea
with its principal office maintained at:*575 Shin-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do,
Republic of KoreaAdditional name(s) & addresses attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date **10 December 2008**

4. Application number(s) or Patent number(s):

☐ This document is being filed together with a new application on

A. Patent Application No.(s)

B. Patent No.(s)

1. 6,791,522 2. 6,670,649
3. 7,391,151 4. 7,431,626

Additional number(s) attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert E. Bushnell
 Attorney at Law
 Suite 600, 2029 "K" Street, N.W.
 Washington, D.C. 20006-1004
 (202) 408-9040

6. Total Number of applications and patents involved:

Three Hundred and Sixty-Six (366)7. Total fee (37 CFR § 3.41) ... \$ **U.S. \$14,640.00**

- ☒ Enclosed (#55077)
☐ Authorized to be charged to deposit account

8. Deposit Account Number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and Signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***ROBERT E. BUSHNELL**

Name of Person Signing

Signature

18 December 2008

Date

Total number of pages including cover sheet: **FOUR**

OMB No. 0651-0027 (exp. 6/30/05)

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Additional Numbers of Patent Applications and Patents
Page Two of Four (Attorney's Docket No. M-1181)

A. Patent Nos

5. 7,365,488	6. 7,247,986	7. 7,387,557	8. 7,238,965
9. 7,170,225	10. 7,233,020	11. 7,145,290	12. 7,416,792
13. 7,443,095	14. 7,208,873	15. 7,372,438	16. 7,375,464
17. 7,198,819	18. 7,335,394	19. 7,223,514	20. 7,408,192
21. 7,339,413	22. 7,184,065	23. 6,262,782	24. 7,064,737
25. 6,982,691	26. 7,402,343	27. 7,091,660	28. 7,265,224
29. 7,026,658	30. 7,214,967	31. 7,214,966	32. 7,317,206
33. 7,255,937	34. 7,285,340	35. 7,355,198	36. 7,378,711
37. 7,381,579	38. 7,279,714	39. 7,250,629	40. 7,348,593
41. 7,397,656	42. 7,378,161	43. 7,348,072	44. 7,396,599
45. 7,309,958	46. 7,294,415	47. 7,348,073	48. 7,456,811

B. Patent Application Nos

49. 12/153,263	50. 10/764,525	51. 10/835,565	52. 11/512,091
53. 11/798,476	54. 10/893,225	55. 10/893,325	56. 10/981,559
57. 10/979,109	58. 10/944,748	59. 10/989,056	60. 10/945,969
61. 10/968,918	62. 11/033,493	63. 11/051,326	64. 10/919,404
65. 10/984,781	66. 11/018,577	67. 11/013,944	68. 10/984,762
69. 11/014,211	70. 11/155,781	71. 11/009,698	72. 11/083,225
73. 11/083,203	74. 11/218,494	75. 11/269,840	76. 11/227,438
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81. 11/265,194	82. 11/297,661	83. 11/280,303	84. 11/280,293
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93. 11/247,279	94. 11/251,851	95. 11/318,437	96. 11/358,314
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117. 11/979,937	118. 12/068,030	119. 11/137,450	120. 11/184,820
121. 11/265,193	122. 11/282,633	123. 11/631,163	124. 11/363,198
125. 11/651,461	126. 11/727,324	127. 11/605,365	128. 11/134,383
129. 11/136,713	130. 11/124,395	131. 11/110,962	132. 11/139,672
133. 11/215,015	134. 11/141,198	135. 11/315,184	136. 11/312,545
137. 11/313,784	138. 11/313,804	139. 11/315,222	140. 11/217,685
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Additional Numbers of Patent Applications and Patents

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157. 11/513,090	158. 11/493,576	159. 11/522,325	160. 11/517,481
161. 11/527,330	162. 11/730,525	163. 11/582,370	164. 11/583,770
165. 11/519,928	166. 11/528,414	167. 11/528,419	168. 11/648,612
169. 11/604,285	170. 11/723,707	171. 11/717,133	172. 11/713,613
173. 11/603,097	174. 11/790,217	175. 11/905,971	176. 11/905,147
177. 11/902,649	178. 11/907,826	179. 12/076,216	180. 12/003,944
181. 12/010,870	182. 12/068,105	183. 12/068,364	184. 12/073,456
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189. 11/085,258	190. 11/050,664	191. 11/100,639	192. 11/095,621
193. 12/004,404	194. 11/109,684	195. 11/166,777	196. 11/167,927
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205. 12/078,171	206. 11/261,665	207. 11/253,654	208. 11/280,302
209. 11/339,657	210. 11/403,011	211. 11/480,549	212. 11/435,849
213. 11/439,343	214. 11/523,607	215. 11/436,531	216. 11/417,046
217. 11/286,421	218. 11/979,267	219. 11/489,565	220. 11/302,447
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233. 11/041,871	234. 11/037,099	235. 11/081,541	236. 11/155,778
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241. 11/315,221	242. 11/325,566	243. 11/287,433	244. 11/302,448
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253. 11/347,242	254. 11/347,660	255. 11/345,241	256. 11/348,337
257. 11/354,869	258. 11/386,662	259. 11/312,453	260. 11/453,930
261. 11/394,085	262. 11/392,876	263. 11/493,839	264. 11/509,621
265. 11/448,142	266. 11/525,100	267. 11/517,480	268. 11/480,876
269. 11/633,004	270. 11/589,052	271. 11/513,095	272. 11/472,469
273. 11/468,611	274. 11/600,110	275. 11/601,643	276. 11/640,418
277. 11/635,024	278. 11/633,005	279. 11/656,384	280. 11/657,112
281. 11/651,081	282. 11/606,967	283. 11/580,858	284. 11/640,330
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PATENT

REEL: 022034 FRAME: 0003

Additional Numbers of Patent Applications and Patents

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305. 11/802,720	306. 11/729,794	307. 11/812,260	308. 11/826,781
309. 11/819,139	310. 11/826,808	311. 11/826,790	312. 11/976,067
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317. 11/087,815	318. 11/640,289	319. 11/070,232	320. 11/785,044
321. 11/785,099	322. 11/785,101	323. 11/785,098	324. 11/785,043
325. 11/790,656	326. 11/790,049	327. 11/826,022	328. 11/808,914
329. 11/790,658	330. 11/826,021	331. 12/219,439	332. 12/155,306
333. 12/213,459	334. 12/153,609	335. 12/213,458	336. 12/155,237
337. 12/222,867	338. 12/003,943	339. 12/149,729	340. 12/081,689
341. 12/219,216	342. 12/222,516	343. 12/222,047	344. 12/219,619
345. 12/216,895	346. 12/222,051	347. 12/215,417	348. 12/222,869
349. 12/230,946	350. 12/222,050	351. 12/222,052	352. 12/222,721
353. 12/216,424	354. 11/125,113	355. 12/068,363	356. 11/898,244
357. 12/155,940	358. 12/213,097	359. 12/230,596	360. 12/155,842
361. 12/073,273	362. 12/076,854	363. 12/078,334	364. 12/081,405
365. 12/076,111	366. 12/081,708		

CONFIRMATORY ASSIGNMENT

BY THIS INSTRUMENT, **SamSung SDI Co., Ltd.**, a corporation chartered in and existing under the laws of the Republic of Korea, the owner of record and the Assignor herein of the sole and undivided interest in and to the below-listed U.S. Patents, Published U.S. Patent Applications (Patent Publications), and Unpublished U.S. Patent Applications, pursuant to the corresponding individual evidentiary documents known as Assignments, for the sum of \$10.00 and other good and valuable consideration, the receipt of which is hereby acknowledged, hereby confirms that the Assignor has pursuant to and by this act and deed, assigned, granted and conveyed, and by this instrument assigns, grants and forever conveys unto the following corporate Assignee:

Samsung Mobile Display Co., Ltd.

a corporation chartered in and existing under the laws of Republic of Korea
with its principal office maintained at:

ADDRESS: 575 Shin-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do,
Republic of Korea

all rights, titles and interests in and to the United States Patents, Published U.S. Patent Applications, and Unpublished U.S. Patent Applications listed in SCHEDULE A below, together with all of the rights, titles and interests thereto pertaining:

SCHEDULE A

U.S. PATENTS

#1	Patent No.	Serial No.	Issue Date	Title
	6,791,522	09/989,434	09/14/2004	<i>Triodic Rectifier Switch</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of November in the year of 2001, in Reel No. 012319, at frame(s) 0348.

#2	Patent No.	Serial No.	Issue Date	Title
	6,670,649	10/012,397	12/30/2003	<i>Triodic Rectifier Switch</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of January in the year of 2004, in Reel No. 014845, at frame(s) 0750.

#3	Patent No.	Serial No.	Issue Date	Title
	7,391,151	10/683,353	06/24/2008	<i>Luminance Improved Organic Electroluminescent Device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of October in the year of 2003, in Reel No. 014613, at frame(s) 0589.

#4	Patent No.	Serial No.	Issue Date	Title
	7,431,626	10/771,091	10/07/2008	<i>High Efficiency Organic Electroluminescent Display and Method for Fabricating the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of February in the year of 2004, in Reel No. 014958, at frame(s) 0890, and on the 30th day of the month of August in the year of 2004, in Reel No. 015742, at frame(s) 0126.

#5	Patent No.	Serial No.	Issue Date	Title
	7,365,488	11/485,270	04/29/2008	<i>High Efficiency Organic Electroluminescent Display and Method for Fabricating the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of February in the year of 2004,

in Reel No. 014958, at frame(s) 0890, and on the 30th day of the month of August in the year of 2004, in Reel No. 015742, at frame(s) 0126

#6	Patent No.	Serial No.	Issue Date	Title
	7,247,986	10/803,143	07/24/2007	<i>Organic Electro Luminescent Display and Method for Fabricating the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of March in the year of 2004, in Reel No. 015121, at frame(s) 0994.

#7	Patent No.	Serial No.	Issue Date	Title
	7,387,557	11/512,090	06/17/2008	<i>Method of Fabricating an Organic Electro Luminescent Display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of March in the year of 2004, in Reel No. 015121, at frame(s) 0994.

#8	Patent No.	Serial No.	Issue Date	Title
	7,238,965	10/798,574	07/03/2007	<i>Thin Film Transistor and Method for Fabricating the Same with Step Formed at Certain Layer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 12th day of the month of March in the year of 2004, in Reel No. 015079, at frame(s) 0790.

#9	Patent No.	Serial No.	Issue Date	Title
	7,170,225	10/980,338	01/30/2007	<i>Flat Panel Display for Displaying Screens at Both Sides</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of November in the year of 2004, in Reel No. 015952, at frame(s) 0733.

#10	Patent No.	Serial No.	Issue Date	Title
	7,233,020	10/947,344	06/19/2007	<i>Design for an Organic Light-Emitting Display that Eliminates Deterioration of the Emission Layer Due to Outgassing from an Underlying Layer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of September in the year of 2004, in Reel No. 015831, at frame(s) 0015.

#11	Patent No.	Serial No.	Issue Date	Title
	7,145,290	10/934,422	12/05/2006	<i>Organic Electroluminescent Devices</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of September in the year of 2004, in Reel No. 015781, at frame(s) 0579.

#12	Patent No.	Serial No.	Issue Date	Title
	7,416,792	10/954,280	08/26/2008	<i>Full Color Organic Electroluminescence Display Devices by Thermal Patterning Using Laser and Method for Manufacturing the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of October in the year of 2004, in Reel No. 016100, at frame(s) 0704.

#13	Patent No.	Serial No.	Issue Date	Title
	7,443,095	11/019,643	10/28/2008	<i>Organic light emitting display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of March in the year of 2005, in Reel No. 016317, at frame(s) 0933.

#14	Patent No.	Serial No.	Issue Date	Title
	7208873	11/083214	4/24/2007	<i>Organic Electroluminescence Display Device and Method for Fabricating the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of March in the year of 2005, in Reel No. 016395, at frame(s) 0080.

#15	Patent No.	Serial No.	Issue Date	Title
	7372438	10/992358	5/13/2008	<i>Electroluminescent Display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of November in the year of 2004, in Reel No. 016013, at frame(s) 0764.

#16	Patent No.	Serial No.	Issue Date	Title
	7375464	11/251866	5/20/2008	<i>Full-Color Organic Light Emitting Display Having Red, Green, Blue, Cyan, Magenta, and Yellow Color Modulation Layers</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this

conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of October in the year of 2005, in Reel No. 017112, at frame(s) 0103.

#17	Patent No.	Serial No.	Issue Date	Title
	7198819	11/249514	4/03/2007	<i>Substrate Supporting Frame</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of October in the year of 2005, in Reel No. 017095, at frame(s) 0902.

#18	Patent No.	Serial No.	Issue Date	Title
	7335394	11/703757	2/26/2008	<i>Substrate Supporting Frame</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of October in the year of 2005, in Reel No. 017095, at frame(s) 0902.

#19	Patent No.	Serial No.	Issue Date	Title
	7223514	11/236494	5/29/2007	<i>Method of Fabricating Donor Substrate and Method of Fabricating OLED Using the Donor Substrate</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of September in the year of 2005, in Reel No. 017047, at frame(s) 0963.

#20	Patent No.	Serial No.	Issue Date	Title
	7408192	11/297343	8/05/2008	<i>Organic Light Emitting Display Device and Method of Fabricating the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the

knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of December in the year of 2005, in Reel No. 017340, at frame(s) 0006.

#21	Patent No.	Serial No.	Issue Date	Title
	7,339,413	11/505,876	03/04/2008	<i>Clock generator and organic light emitting display (OLED) including the clock generator</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of August in the year of 2006, in Reel No. 018208, at frame(s) 0061.

#22	Patent No.	Serial No.	Issue Date	Title
	7,184,065	10/442,055	02/27/2007	<i>Flat Panel Display with Brightness Correction</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of May in the year of 2003, in Reel No. 014099, at frame(s) 0826.

#23	Patent No.	Serial No.	Issue Date	Title
	6,262,782	09/489,044	07/17/2001	<i>Reflective Lcd Having Polarized Light Separator and Phase Plate on a Light-incident-side</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of January in the year of 2000, in Reel No. 010551, at frame(s) 0085.

#24	Patent No.	Serial No.	Issue Date	Title
	7,064,737	10/273,169	06/20/2006	<i>Method of Driving Cholesteric Liquid</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of October in the year of 2002, in Reel No. 013402, at frame(s) 0681.

#25	Patent No.	Serial No.	Issue Date	Title
	6,982,691	10/247,551	01/03/2006	<i>Method of Driving Cholesteric Liquid Crystal Display Panel for Accurate Gray-scale Display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of September in the year of 2002, in Reel No. 013324, at frame(s) 0924.

#26	Patent No.	Serial No.	Issue Date	Title
	7,402,343	10/727,642	07/22/2008	<i>Molecular Chemical Compounds with Structures Allowing Electron Displacement and Capable of Emitting Photoluminescent Radiation, and Photoluminescence Quenching Device Employing the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of December in the year of 2003, in Reel No. 014820, at frame(s) 0179.

#27	Patent No.	Serial No.	Issue Date	Title
	7,091,660	10/670,232	08/15/2006	<i>Polymer Organic Light Emitting Diode</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 26th day of the month of September in the year of 2003, in Reel No. 014559, at frame(s) 0371.

#28	Patent No.	Serial No.	Issue Date	Title
	7,265,224	10/733,636	09/04/2007	<i>Red Luminescent Compound and Organic Electroluminescent Device Using the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 12th day of the month of December in the year of 2003, in Reel No. 014801, at frame(s) 0575.

#29	Patent No.	Serial No.	Issue Date	Title
	7,026,658	10/766,913	04/11/2006	<i>Electrical Conductors in an Electroluminescent Display Device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of January in the year of 2004, in Reel No. 014946, at frame(s) 0541.

#30	Patent No.	Serial No.	Issue Date	Title
	7,214,967	11/346,381	05/08/2007	<i>Electrical Conductors in an Electroluminescent Display Device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of January in the year of 2004, in Reel No. 014946, at frame(s) 0541.

#31	Patent No.	Serial No.	Issue Date	Title
	7,214,966	11/346,215	05/08/2007	<i>Electrical Conductors in an Electroluminescent Display Device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of January in the year of 2004, in Reel No. 014946, at frame(s) 0541.

#32	Patent No.	Serial No.	Issue Date	Title
	7,317,206	10/766,564	01/08/2008	<i>Novel Conductive Elements for Thin Film Transistors Used in a Flat Panel Display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of January in the year of 2004, in Reel No. 014944, at frame(s) 0241.

#33	Patent No.	Serial No.	Issue Date	Title
	7,255,937	10/871,571	08/14/2007	<i>Encapsulated Organic Electroluminescent Display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21th day of the month of June in the year of 2004, in Reel No. 015497, at frame(s) 0755.

#34	Patent No.	Serial No.	Issue Date	Title
	7,285,340	10/841,455	10/23/2007	<i>Organic Electroluminescent Device and Method of Manufacturing the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to

the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 10th day of the month of May in the year of 2004, in Reel No. 015319, at frame(s) 0763 and on the 30th day of the month of November in the year of 2004, in Reel No. 016036, at frame(s) 0037.

#35	Patent No.	Serial No.	Issue Date	Title
	7,355,198	11/010,341	04/08/2008	<i>ORGANIC THINFILM TRANSISTOR INCLUDING ORGANIC ACCEPTOR FILM</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of December in the year of 2004, in Reel No. 016084, at frame(s) 0056.

#36	Patent No.	Serial No.	Issue Date	Title
	7,378,711	10/995,537	05/27/2008	<i>TFT, Flat Panel Display Device Having the Same, Method of Manufacturing TFT, Method of Manufacturing Flat Panel Display Device, and Method of Manufacturing Donor Sheet</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of January in the year of 2005, in Reel No. 016138, at frame(s) 0868.

#37	Patent No.	Serial No.	Issue Date	Title
	7,381,579	10/995,514	06/03/2008	<i>Donor Sheet, Method of Manufacturing the Same, Method of Manufacturing Tft Using the Donor Sheet, and Method of Manufacturing Flat Panel Display Device Using the Donor Sheet</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to

the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of April in the year of 2005, in Reel No. 016433, at frame(s) 0376.

#38	Patent No.	Serial No.	Issue Date	Title
	7,279,714	11/187,873	10/09/2007	<i>Flat Panel Display Device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 25th day of the month of July in the year of 2005, in Reel No. 016812, at frame(s) 0580.

#39	Patent No.	Serial No.	Issue Date	Title
	7,250,629	11/186,750	07/31/2007	<i>Semiconductor Device and Flat Panel Display Device Having the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of July in the year of 2005, in Reel No. 016801, at frame(s) 0880, and on the 12th day of the month of August in the year of 2005, in Reel No. 016885, at frame(s) 0617.

#40	Patent No.	Serial No.	Issue Date	Title
	7,348,593	11/193,474	03/25/2008	<i>Thin Film Transistor and Method of Fabricating the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of August in the year of 2005, in Reel No. 016858, at frame(s) 0701.

#41	Patent No.	Serial No.	Issue Date	Title
	7,397,656	11/255,886	07/08/2008	<i>Flat Display Panel Support and Flat Panel Display Device Including the Support</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of October in the year of 2005, in Reel No. 017123, at frame(s) 0886.

#42	Patent No.	Serial No.	Issue Date	Title
	7,378,161	10/979,110	05/27/2008	<i>Organometallic Complexes and Organic Electroluminescence Device Using the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of November in the year of 2004, in Reel No. 015949, at frame(s) 0470.

#43	Patent No.	Serial No.	Issue Date	Title
	7,348,072	10/995,299	03/25/2008	<i>Light-emitting Polymer and Organoelectroluminescent Display Using the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of November in the year of 2004, in Reel No. 016029, at frame(s) 0175.

#44	Patent No.	Serial No.	Issue Date	Title
	7,396,599	11/015,677	07/08/2008	<i>Binuclear Organometallic Complexes and Organic Electroluminescent Display Device Using the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of December in the year of 2004,

in Reel No. 016120, at frame(s) 0164.

#45	Patent No.	Serial No.	Issue Date	Title
	7,309,958	11/056,170	12/18/2007	<i>Organic Light Emitting Device Comprising Bypass Transistor Between Cathode and Anode and Method of Manufacturing the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of February in the year of 2005, in Reel No. 016281, at frame(s) 0848.

#46	Patent No.	Serial No.	Issue Date	Title
	7,294,415	10/875,651	11/13/2007	<i>Organometallic Complex and Organic Electroluminescent Device Employing the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 25th day of the month of June in the year of 2004, in Reel No. 015517, at frame(s) 0548.

#47	Patent No.	Serial No.	Issue Date	Title
	7,348,073	11/033,887	03/25/2008	<i>Spirocyclopentaphenanthrene-fluorene- e-based Compound and Organoelectroluminescent Device Using the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of January in the year of 2005, in Reel No. 016167, at frame(s) 0030.

#48	Patent No.	Serial No.	Issue Date	Title
	7,456,811	11/052,108	11/25/2008	<i>Organic Electro-luminescent Display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of February in the year of 2005, in Reel No. 016259, at frame(s) 0413.

PUBLISHED U.S. PATENT APPLICATIONS (U.S. PATENT PUBLICATIONS)

#49	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0220683	12/153,263	05/15/2008	<i>Luminance Improved organic electro-luminescent device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of October in the year of 2003, in Reel No. 014613, at frame(s) 0589.

#50	Patent Pub. No.	Serial No.	Filing Date	Title
	2004/0183083	10/764,525	01/27/2004	<i>Flat panel display with anode electrode layer as power supply layer and fabrication method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of January in the year of 2004, in Reel No. 014933, at frame(s) 0008.

#51	Patent Pub. No.	Serial No.	Filing Date	Title
	2004/0217681	10/835,565	04/30/2004	<i>Display device with light-shielding substrate and method for fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of April in the year of 2004, in Reel No. 015289, at frame(s) 0118.

#52	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0290273	11/512,091	08/30/2006	<i>Organic electro luminescent display and method for fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of March in the year of 2004, in Reel No. 015121, at frame(s) 0994.

#53	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0218602	11/798,476	05/14/2007	<i>Thin film transistor and method for fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 12th day of the month of March in the year of 2004, in Reel No. 015079, at frame(s) 0790.

#54	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0068285	10/893,225	07/19/2004	<i>Liquid crystal display device and method of field sequential driving mode</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of July in the year of 2004, in

#55	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0073492	10/893,325	07/19/2004	<i>Method of driving display device of field sequential driving mode</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of July in the year of 2004, in Reel No. 015588, at frame(s) 0815.

#56	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0110021	10/981,559	11/05/2004	<i>Active matrix organic light emitting display (OLED) and method of fabrication</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of November in the year of 2004, in Reel No. 015966, at frame(s) 0533.

#57	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0122042	10/979,109	11/02/2004	<i>Organic electro-luminescent display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of November in the year of 2004, in Reel No. 015949, at frame(s) 0462.

#58	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0116631	10/944,748	09/21/2004	<i>Organic Light Emitting Display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of September in the year of 2004, in Reel No. 015842, at frame(s) 0240, and on the 27th day of the month of February in the year of 2006, in Reel No. 017606, at frame(s) 0644.

#59	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0116905	10/989,056	11/16/2004	<i>Organic electro luminescence display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of November in the year of 2004, in Reel No. 016001, at frame(s) 0403.

#60	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0116624	10/945,969	09/22/2004	<i>Organic light-emitting device and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of September in the year of 2004, in Reel No. 015821, at frame(s) 0426.

#61	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0136344	10/968,918	10/21/2004	<i>Donor film for laser induced thermal imaging method and organic electro-luminescence display device fabricated using the film</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United

States Patent & Trademark Office on the 21st day of the month of October in the year of 2004, in Reel No. 015917, at frame(s) 0538.

#62	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0186720	11/033,493	01/12/2005	<i>Method of fabricating polysilicon thin film and thin film transistor using polysilicon fabricated by the same method</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 12th day of the month of January in the year of 2005, in Reel No. 016180, at frame(s) 0229.

#63	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0173709	11/051,326	02/07/2005	<i>Organic light-emitting diode (OLED) and method of fabrication thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of February in the year of 2005, in Reel No. 016251, at frame(s) 0228.

#64	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0048316	10/919,404	08/17/2004	<i>Donor film for organic electroluminescent display device, method thereof, and organic electroluminescent display device using the same as donor film</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of November in the year of 2004,

in Reel No. 015971, at frame(s) 0278.

#65	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0112303	10/984,781	11/10/2004	<i>Donor substrate for full-color organic electroluminescent display device, method of manufacturing the same, and full-color organic electroluminescent display device using donor substrate</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 10th day of the month of November in the year of 2004, in Reel No. 015988, at frame(s) 0997.

#66	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0196893	11/018,577	12/22/2004	<i>Method of fabricating organic light emitting display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of March in the year of 2005, in Reel No. 016315, at frame(s) 0627.

#67	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0186330	11/013,944	12/17/2004	<i>Method of fabricating organic light emitting display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of March in the year of 2005, in Reel No. 016315, at frame(s) 0632.

#68	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0123801	10/984,762	11/10/2004	<i>Donor substrate for laser</i>

transfer and organic electro-luminescence display device manufactured using the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 10th day of the month of November in the year of 2004, in Reel No. 015988, at frame(s) 0917.

#69	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0186366	11/014,211	12/17/2004	<i>Thermal transfer element</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of March in the year of 2005, in Reel No. 016315, at frame(s) 0668.

#70	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0006469	11/155,781	06/20/2005	<i>Method of fabricating CMOS thin film transistor (TFT) and CMOS TFT fabricated using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of June in the year of 2005, in Reel No. 016706, at frame(s) 0647.

#71	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0051533	11/009,698	12/13/2004	<i>Donor substrate for laser induced thermal imaging method and organic electro-luminescent display device fabricated using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of April in the year of 2005, in Reel No. 016508, at frame(s) 0713.

#72	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0017052	11/083,225	03/18/2005	<i>Method of fabricating semiconductor device and semiconductor fabricated by the same method</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of March in the year of 2005, in Reel No. 016395, at frame(s) 0085.

#73	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0003502	11/083,203	03/18/2005	<i>Method of fabricating semiconductor device and semiconductor fabricated by the same method</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of March in the year of 2005, in Reel No. 016393, at frame(s) 0029.

#74	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0049753	11/218,494	09/06/2005	<i>Organic light emitting display and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United

States Patent & Trademark Office on the 6th day of the month of September in the year of 2005, in Reel No. 016952, at frame(s) 0245.

#75	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0097251	11/269,840	11/09/2005	<i>Organic light emitting device and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of November in the year of 2005, in Reel No. 017220, at frame(s) 0710.

#76	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0060870	11/227,438	09/16/2005	<i>Full-color organic light emitting display and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of December in the year of 2005, in Reel No. 017292, at frame(s) 0450.

#77	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0103298	11/272,680	11/15/2005	<i>Molecular organic electroluminescent display device and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 15th day of the month of November in the year of 2005, in Reel No. 017225, at frame(s) 0344.

#78	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0209001	11/287,201	11/28/2005	<i>Liquid crystal display (LCD)</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of November in the year of 2005, in Reel No. 017289, at frame(s) 0432.

#79	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0109411	11/274,193	11/16/2005	<i>Liquid crystal display with opposing electrode having apertures and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of November in the year of 2005, in Reel No. 017217, at frame(s) 0231.

#80	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0152470	11/328,459	01/10/2006	<i>Liquid crystal display device and method of driving the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of March in the year of 2006, in Reel No. 017694, at frame(s) 0932.

#81	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0098149	11/265194	11/03/2005	<i>Liquid crystal display (LCD) device and method of manufacture thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of November in the year of 2005, in Reel No. 017188, at frame(s) 0316.

#82	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0146265	11/297661	12/09/2005	<i>Liquid crystal display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of March in the year of 2006, in Reel No. 017695, at frame(s) 0199.

#83	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0109410	11/280303	11/17/2005	<i>Flat panel display (FPD) and method of fabrication</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of November in the year of 2005, in Reel No. 017258, at frame(s) 0814.

#84	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0109392	11/280293	11/17/2005	<i>Liquid crystal display (LCD) device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of November in the year of 2005, in Reel No. 017258, at frame(s) 0831.

#85	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0187181	11/322261	1/03/2006	<i>Backlight driver circuit and liquid crystal display device having the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of January in the year of 2006, in Reel No. 017432, at frame(s) 0342.

#86	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0114219	11/280295	11/17/2005	<i>Liquid crystal display device and method for driving the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of November in the year of 2005, in Reel No. 017258, at frame(s) 0812.

#87	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0244857	11/354094	2/15/2006	<i>Mobile terminal having image corrector</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 15th day of the month of February in the year of 2006, in Reel No. 017585, at frame(s) 0645.

#88	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0187167	11/322275	1/03/2006	<i>Liquid crystal display having feed-forward circuit</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of January in the year of 2006, in Reel No. 017438, at frame(s) 0092.

#89	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0170640	11/324245	1/04/2006	<i>Liquid crystal display with Feedback circuit part</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of January in the year of 2006, in Reel No. 017432, at frame(s) 0349.

#90	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0244695	11/412125	4/27/2006	<i>Organic electroluminescent display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of April in the year of 2006, in Reel No. 017834, at frame(s) 0733.

#91	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0068520	11/214059	8/30/2005	<i>Method of fabricating organic light emitting display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of December in the year of 2005, in Reel No. 017345, at frame(s) 0661.

#92	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0084006	11/247278	10/12/2005	<i>Donor substrate and fabrication method of organic light emitting display using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this

conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 12th day of the month of October in the year of 2005, in Reel No. 017087, at frame(s) 0906.

#93	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0081332	11/247279	10/12/2005	<i>Laser induced thermal imaging (LITI) apparatus</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 12th day of the month of October in the year of 2005, in Reel No. 017087, at frame(s) 0888.

#94	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0087550	11/251851	10/18/2005	<i>Optical system having image direction modulator and LITI apparatus including the system</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of October in the year of 2005, in Reel No. 017111, at frame(s) 0707.

#95	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0145147	11/318437	12/28/2005	<i>Organic light emitting display (OLED) and its fabrication method</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of December in the year of 2005, in Reel No. 017424, at frame(s) 0936.

#96	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0188825	11/358,314	02/22/2006	<i>Laser irradiation device and laser induced thermal imaging method</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of February in the year of 2006, in Reel No. 017598, at frame(s) 0086.

#97	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0034866	11/501,059	08/09/2006	<i>Laser induced thermal imaging (LITI) mask and an organic electroluminescent device fabrication method using the mask</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of August in the year of 2006, in Reel No. 018173, at frame(s) 0156.

#98	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0227281	11/398,606	04/06/2006	<i>Flat panel display and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of April in the year of 2006, in Reel No. 017769, at frame(s) 0514.

#99	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0205101	11/286,411	11/25/2005	<i>Laser irradiation device, patterning method and method of fabricating organic light emitting display (OLED) using the patterning method</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to

the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 25th day of the month of November in the year of 2005, in Reel No. 017277, at frame(s) 0087.

#100	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0269671	11/439,350	05/24/2006	<i>Catalytic enhanced chemical vapor deposition apparatus having efficient filament arrangement structure</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of May in the year of 2006, in Reel No. 017923, at frame(s) 0878.

#101	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0082640	11/246,254	10/11/2005	<i>Laser induced thermal imaging apparatus and method of fabricating organic light emitting display using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 11th day of the month of October in the year of 2005, in Reel No. 017082, at frame(s) 0943.

#102	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0131933	11/636,964	12/12/2006	<i>Polycrystalline silicon layer, flat panel display using the same, and methods of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United

States Patent & Trademark Office on the 12th day of the month of December in the year of 2006, in Reel No. 018704, at frame(s) 0050.

#103	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0040770	11/488,114	07/18/2006	<i>Organic light emitting display (OLED)</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of July in the year of 2006, in Reel No. 018113, at frame(s) 0877.

#104	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0131934	11/636,962	12/12/2006	<i>Polycrystalline silicon layer, flat panel display using the same, and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 12th day of the month of December in the year of 2006, in Reel No. 018704, at frame(s) 0135.

#105	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0013297	11/485,956	07/14/2006	<i>Organic light emitting display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of July in the year of 2006, in Reel No. 018105, at frame(s) 0722.

#106	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0075937	11/529,397	09/29/2006	<i>Organic electro-luminescent display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of September in the year of 2006, in Reel No. 018368, at frame(s) 0072.

#107	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0157116	12/003,618	12/28/2007	<i>Thin film transistor, method of fabricating the same, and organic light emitting diode display device including the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of April in the year of 2008, in Reel No. 020870, at frame(s) 0359.

#108	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0038884	11/889,175	08/09/2007	<i>Method of fabricating thin film transistor array substrate</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of September in the year of 2007, in Reel No. 019824, at frame(s) 0980.

#109	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0044958	11/878,302	07/23/2007	<i>Method of fabricating complementary metal-oxide semi-conductor (CMOS) thin film transistor (TFT)</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of August in the year of 2007, in Reel No. 019761, at frame(s) 0556.

#110	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0262299	11/638,695	12/14/2006	<i>Organic light emitting device and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of April in the year of 2007, in Reel No. 019208, at frame(s) 0550.

#111	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0123135	11/598,790	11/14/2006	<i>Method of fabricating Organic Light Emitting Diode (OLED)</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of November in the year of 2006, in Reel No. 018601, at frame(s) 0835.

#112	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0157663	12/003,619	12/28/2007	<i>Organic light emitting diode display device and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of April in the year of 2008, in Reel No. 020768, at frame(s) 0114.

#113	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0128686	11/905,380	09/28/2007	<i>Organic light emitting display (OLED) and its method of</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of October in the year of 2007, in Reel No. 020075, at frame(s) 0387.

#114	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0238227	11/783,097	04/05/2007	<i>Thin film transistor panel, method of fabricating the same, and organic light emitting display device including the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of April in the year of 2007, in Reel No. 019169, at frame(s) 0383.

#115	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0218058	12/073,674	03/07/2008	<i>Organic light emitting diode display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of April in the year of 2008, in Reel No. 020869, at frame(s) 0921.

#116	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0135847	11/987,998	12/06/2007	<i>Thin film transistor, method of fabricating the same, and organic light emitting display device including the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of January in the year of 2008, in Reel No. 020402, at frame(s) 0655.

#117	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0111494	11/979,937	11/09/2007	<i>Organic light emitting display device and manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of December in the year of 2007, in Reel No. 020315, at frame(s) 0624.

#118	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0186301	12/068,030	01/31/2008	<i>Organic light emitting diode display device and method of aging the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of April in the year of 2008, in Reel No. 020875, at frame(s) 0295.

#119	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0285824	11/137,450	05/26/2005	<i>Light emitting display and driving device and method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 26th day of the month of May in the year of 2005, in Reel No. 016606, at frame(s) 0615.

#120	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0022909	11/184,820	07/20/2005	<i>Light emitting display (LED) and display panel and pixel circuit thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of July in the year of 2005, in Reel No. 016791, at frame(s) 0435.

#121	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0103608	11/265,193	11/03/2005	<i>Light emitting panel and light emitting display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of November in the year of 2005, in Reel No. 017192, at frame(s) 0199.

#122	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0108581	11/282,633	11/21/2005	<i>Organic thin film transistor, method of manufacturing the same, and flat panel display device with the organic thin film transistor</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of November in the year of 2005, in Reel No. 017265, at frame(s) 0073.

#123	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0013001	11/631,163	12/29/2006	<i>Stereoscopic Display Device and Driving Method Thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of December in the year of 2006, in Reel No. 018753, at frame(s) 0312, and on the 19th day of the month of October in the year of 2007, in Reel No. 020016, at frame(s) 0982.

#124	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0197079	11/363,198	02/28/2006	<i>Method of manufacturing thin film transistor, thin film transistor manufactured by the method, and display device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of February in the year of 2006, in Reel No. 017642, at frame(s) 0501.

#125	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0278480	11/651,461	01/10/2007	<i>Organic light emitting display and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 10th day of the month of January in the year of 2007, in Reel No. 018782, at frame(s) 0410.

#126	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0111474	11/727,324	03/26/2007	<i>Organic light emitting display and fabrication method of the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 26th day of the month of March in the year of 2007, in Reel No. 019118, at frame(s) 0847.

#127	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0120470	11/605,365	11/29/2006	<i>Organic light emitting display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of November in the year of 2006, in Reel No. 018646, at frame(s) 0689.

#128	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0270257	11/134383	5/23/2005	<i>Organic electro-luminescent display and demultiplexer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 15th day of the month of August in the year of 2005, in Reel No. 016894frame(s) 0587

#129	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0270258	11/136713	5/25/2005	<i>Organic electroluminescent display and demultiplexer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of August in the year of 2005, in Reel No. 016900, at frame(s) 0175.

#130	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0264190	11/124395	5/09/2005	<i>Double-sided organic electroluminescent display having optical shutter and information terminal using the</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of August in the year of 2005, in Reel No. 016857, at frame(s) 0642.

#131	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0287750	11/110962	4/21/2005	<i>Transistor, method of fabricating the same, and light emitting display comprising the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of June in the year of 2005, in Reel No. 016626, at frame(s) 0143.

#132	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0285826	11/139672	5/31/2005	Light emitting display

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of August in the year of 2005, in Reel No. 016857, at frame(s) 0514.

#133	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0061531	11/215015	8/31/2005	Light emitting display device and method of driving the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United

States Patent & Trademark Office on the 31st day of the month of August in the year of 2005, in Reel No. 016942, at frame(s) 0270.

#134	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0285122	11/141198	6/01/2005	Light emitting display and fabrication method thereof

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of September in the year of 2005, in Reel No. 016948, at frame(s) 0845.

#135	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0139276	11/315184	12/23/2005	Data driving integrated circuit (IC), light emitting display using the IC, and method of driving the light emitting display

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of December in the year of 2005, in Reel No. 017410, at frame(s) 0787.

#136	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0139259	11/312545	12/21/2005	Light emitting display

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of December in the year of 2005, in Reel No. 017402, at frame(s) 0541.

#137	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0139261	11/313784	12/22/2005	Data driving circuit, organic light emitting diode (OLED)

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of February in the year of 2006, in Reel No. 017201, at frame(s) 0665.

#138	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0139343	11/313804	12/22/2005	Data driving circuit, organic light emitting diode display using the same, and method of driving the organic light emitting diode display

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of December in the year of 2005, in Reel No. 017408, at frame(s) 0723.

#139	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0139266	11/315222	12/23/2005	Organic light emitting diode display and driving method thereof

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of December in the year of 2005, in Reel No. 017403, at frame(s) 0842.

#140	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0066531	11/217685	9/02/2005	Light emitting display

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of November in the year of 2005, in Reel No. 017234, at frame(s) 0938.

#141	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0091791	11/244384	10/06/2005	Organic light emitting diode

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of December in the year of 2005, in Reel No. 017408, at frame(s) 0020.

#142	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0139258	11/312476	12/21/2005	Buffer circuit and organic light emitting display with data integrated circuit using the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of December in the year of 2005, in Reel No. 017397, at frame(s) 0559.

#143	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0290633	11/448684	6/08/2006	Light emitting display and thin film transistor (TFT)

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of June in the year of 2006, in Reel No. 017965, at frame(s) 0870.

#144	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0254513	11/405552	4/18/2006	Catalyst enhanced chemical vapor deposition apparatus and deposition method using the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of April in the year of 2006, in Reel No. 017802, at frame(s) 0663.

#145	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0023986	11/483773	7/11/2006	Holder for fabricating organic light emitting display

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 11th day of the month of July in the year of 2006, in Reel No. 018100, at frame(s) 0322.

#146	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0148368	11/325560	1/05/2006	Mask frame and method of fixing mask on the mask frame

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of January in the year of 2006, in Reel No. 017440, at frame(s) 0814.

#147	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0147628	11/325558	1/05/2006	Controlling effusion cell of deposition system

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to

the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of January in the year of 2006, in Reel No. 017440, at frame(s) 0816.

#148	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0147646	11/324344	1/04/2006	Deposition system using noise canceller and its method of control

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of January in the year of 2006, in Reel No. 017437, at frame(s) 0595.

#149	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0150910	11/302522	12/14/2005	Alignment system, vertical tray transporting assembly, and deposition apparatus with the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of March in the year of 2006, in Reel No. 017713, at frame(s) 0592.

#150	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0144738	11/325575	1/05/2006	Holding tray for substrate, substrate alignment system using the same and method thereof

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of January in the year of 2006, in Reel No. 017444, at frame(s) 0586.

#151	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0169211	11/342681	1/31/2006	Vapor deposition source and vapor deposition apparatus having the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of January in the year of 2006, in Reel No. 017532, at frame(s) 0091.

#152	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0046581	11/501033	8/09/2006	Organic electro luminescence display (OELD) to perform sheet unit test and testing method using the OELD

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of August in the year of 2006, in Reel No. 018168, at frame(s) 0608.

#153	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0046185	11/503168	8/14/2006	Organic light emitting display and method for fabricating the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of August in the year of 2006, in Reel No. 018181, at frame(s) 0639.

#154	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0204648	11/370033	3/08/2006	Multiple vacuum evaporation coating device and method for controlling the sam

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of March in the year of 2006, in Reel No. 017665, at frame(s) 0766.

#155	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0065976	11/503171	8/14/2006	Method and apparatus for fabricating organic light emitting display device

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of August in the year of 2006, in Reel No. 018200, at frame(s) 0742.

#156	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0057295	11/498776	8/04/2006	Substrate bonding method and apparatus

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of August in the year of 2006, in Reel No. 018158, at frame(s) 0476.

#157	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0057261	11/513090	8/31/2006	Transparent thin film transistor (TFT) and its method of manufacture

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of August in the year of 2006, in Reel No. 018257, at frame(s) 0739.

#158	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0024187	11/493576	7/27/2006	Organic light emitting display (OLED) and its method of fabrication

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of July in the year of 2006, in Reel No. 018136, at frame(s) 0941.

#159	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0075329	11/522325	9/18/2006	Organic light emitting display (OLED) with conductive spacer and its method of manufacture

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of September in the year of 2006, in Reel No. 018320, at frame(s) 0460.

#160	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0052353	11/517481	9/08/2006	Donor film for laser induced thermal imaging method, light emitting device using the same, and method of manufacturing light emitting device

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of September in the year of 2006, in Reel No. 018289, at frame(s) 0015.

#161	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0069209	11/527330	9/27/2006	Transparent thin film transistor

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of September in the year of 2006, in Reel No. 018353, at frame(s) 0709.

#162	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0242030	11/730525	4/02/2007	Optical sensor for sensing peripheral light and liquid crystal display device using the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of April in the year of 2007, in Reel No. 019138, at frame(s) 0596.

#163	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0215870	11/582370	10/18/2006	Organic light emitting display (OLED)

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of October in the year of 2006, in Reel No. 018438, at frame(s) 0513.

#164	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0211323	11/583770	10/20/2006	Laser irradiation apparatus

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United

States Patent & Trademark Office on the 20th day of the month of October in the year of 2006, in Reel No. 018446, at frame(s) 0950.

#165	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0057932	11/519928	9/13/2006	Flat panel display and organic light emitting display

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of September in the year of 2006, in Reel No. 018307, at frame(s) 0990.

#166	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0075943	11/528414	9/28/2006	<i>Flat Panel Display and a Method of Driving the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of September in the year of 2006, in Reel No. 018358, at frame(s) 0632.

#167	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0069995	11/528419	9/28/2006	Flat panel display and a method of driving the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of September in the year of 2006, in Reel No. 018356, at frame(s) 0564.

#168	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0201248	11/648612	1/03/2007	Portable display device

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to

the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of January in the year of 2007, in Reel No. 018765, at frame(s) 0199.

#169	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0138941	11/604285	11/27/2006	Flat panel display and driving method using the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of November in the year of 2006, in Reel No. 018637, at frame(s) 0239.

#170	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0283890	11/723707	3/21/2007	Evaporation source

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of March in the year of 2007, in Reel No. 019110, at frame(s) 0292.

#171	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0074408	11/717133	3/13/2007	Flat panel display device and portable display apparatus using the same

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of March in the year of 2007, in Reel No. 019272, at frame(s) 0414.

#172	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0068321	11/713613	3/05/2007	Liquid crystal display and its driving method

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of March in the year of 2007, in Reel No. 019015, at frame(s) 0608, and the 4th day of the month of May in the year of 2007, in Reel No. 019405, at frame(s) 0903.

#173	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0115620	11/603097	11/22/2006	Portable display device

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of November in the year of 2006, in Reel No. 018631, at frame(s) 0233.

#174	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0111936	11/790217	4/24/2007	Portable display device

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of April in the year of 2007, in Reel No. 019242, at frame(s) 0417.

#175	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0170059	11/905971	10/05/2007	Buffer and organic light emitting display using the buffer

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of November in the year of 2007, in Reel No. 020178, at frame(s) 0915.

#176	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0246701	11/905147	9/27/2007	Organic light emitting display and its driving method

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of August in the year of 2008, in Reel No. 021425, at frame(s) 0885.

#177	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0204378	11/902649	9/24/2007	Organic electro luminescence display and driving method thereof

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of June in the year of 2008, in Reel No. 021091, at frame(s) 0467.

#178	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0218448	11/907,826	10/17/2007	<i>Organic electro luminescence display and driving method of the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of December in the year of 2007, in Reel No. 020219, at frame(s) 0799.

#179	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0224133	12/076,216	03/14/2008	<i>Thin film transistor and organic light-emitting display device having the thin film transistor</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of April in the year of 2008, in Reel No. 020908, at frame(s) 0937.

#180	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0218456	12/003,944	01/03/2008	<i>Driving circuit and organic light emitting display using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of April in the year of 2008, in Reel No. 020875, at frame(s) 0297.

#181	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0186216	12/010,870	01/30/2008	<i>Digital-analog (D/A) converter and data driver and flat panel display using the D/A converter and data driver</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of April in the year of 2008, in Reel No. 020868, at frame(s) 0307.

#182	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0186295	12/068,105	02/01/2008	<i>Data driver and flat panel display using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of April in the year of 2008, in Reel No. 020864, at frame(s) 0880.

#183	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0252635	12/068,364	02/05/2008	<i>Interface system and flat panel display using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of April in the year of 2008, in Reel No. 020862, at frame(s) 0444.

#184	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0246698	12/073,456	03/05/2008	<i>Organic light emitting display device and driving method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of April in the year of 2008, in Reel No. 020869, at frame(s) 0913.

#185	Patent Pub. No.	Serial No.	Filing Date	Title
	2004/0183072	10/767,281	01/30/2004	<i>Novel conductive elements for thin film transistors used in a flat panel display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of January in the year of 2004, in Reel No. 014944, at frame(s) 0876.

#186	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0011914	11/218,496	09/06/2005	<i>Novel conductive elements for thin film transistors used in a flat panel display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of January in the year of 2004, in Reel No. 014944, at frame(s) 0876.

#187	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0046338	10/920,232	08/18/2004	<i>Organic electroluminescent display with porous material layer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of August in the year of 2004, in Reel No. 015739, at frame(s) 0992.

#188	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0046345	10/920,243	08/18/2004	<i>Organic electroluminescent display with porous material layer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of August in the year of 2004, in Reel No. 015739, at frame(s) 0994.

#189	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0218795	11/085,258	03/22/2005	<i>Organic electroluminescence device and manufacturing method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United

States Patent & Trademark Office on the 6th day of the month of June in the year of 2005, in Reel No. 016659, at frame(s) 0181.

#190	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0184927	11/050,664	02/04/2005	<i>Flat panel display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of May in the year of 2005, in Reel No. 016552, at frame(s) 0658.

#191	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0236972	11/100,639	04/07/2005	<i>Light emitting display (LED) and method of manufacture</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of July in the year of 2005, in Reel No. 016746, at frame(s) 0920.

#192	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0231085	11/095,621	04/01/2005	<i>Flat panel display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of April in the year of 2005, in Reel No. 016445, at frame(s) 0646.

#193	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0176349	12/004,404	12/21/2007	<i>TFT, flat panel display device having the same, method of manufacturing TFT, method of manufacturing flat panel display device, and method of manufacturing donor sheet</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of January in the year of 2005, in Reel No. 016138, at frame(s) 0868.

#194	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0277355	11/109,684	04/20/2005	<i>M E T H O D O F MANUFACTURING AN O R G A N I C ELECTROLUMINESCENT DEVICE WITH AN E N C A P S U L A T I N G SUBSTRATE</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of April in the year of 2005, in Reel No. 016497, at frame(s) 0936.

#195	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0285513	11/166,777	06/27/2005	<i>Organic electroluminescent display device having improved water absorbing capacity and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of August in the year of 2005, in Reel No. 016933, at frame(s) 0660.

#196	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0003139	11/167,927	06/28/2005	<i>Organic electroluminescent device and method of preparing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of September in the year of 2005, in Reel No. 017008, at frame(s) 0719.

#197	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0027806	11/195,859	08/03/2005	<i>Thin film transistor and flat panel display device comprising the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of October in the year of 2005, in Reel No. 017071, at frame(s) 0169.

#198	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0179379	11/059,531	02/17/2005	<i>Organic light-emitting device having thin-film encapsulation portion, method of manufacturing the device, and apparatus for forming a film</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of February in the year of 2005, in Reel No. 016282, at frame(s) 0643.

#199	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0050221	11/212,771	08/29/2005	<i>Flat display panel and flat panel display device having the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of August in the year of 2005, in Reel No. 016934, at frame(s) 0093.

#200	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0105201	11/268,477	11/08/2005	<i>Organic electroluminescent device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of November in the year of 2005, in Reel No. 017217, at frame(s) 0298.

#201	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0115677	11/280,292	11/17/2005	<i>Organic light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of November in the year of 2005, in Reel No. 017258, at frame(s) 0840.

#202	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0272992	12/155,398	06/03/2008	<i>Organic electro-luminescent display device and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of February in the year of 2005, in Reel No. 016259, at frame(s) 0413.

#203	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0102900	11/274,190	11/16/2005	<i>Flat panel display including TFT connected to a conductive substrate via contact through-hole and its method of</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of November in the year of 2005, in Reel No. 017244, at frame(s) 0533.

#204	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0108653	11/271,867	11/14/2005	<i>Preventing substrate deformation</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of November in the year of 2005, in Reel No. 017234, at frame(s) 0053.

#205	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0182356	12/078,171	03/27/2008	<i>Thin film transistor, method of manufacturing the same, and flat panel display using the thin film transistor</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of December in the year of 2005, in Reel No. 017322, at frame(s) 0225.

#206	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0097263	11/261,665	10/31/2005	<i>Organic electroluminescent display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United

States Patent & Trademark Office on the 31nd day of the month of October in the year of 2005, in Reel No. 017171, at frame(s) 0429.

#207	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0103285	11/253,654	10/20/2005	<i>FLAT PANEL DISPLAY DEVICE</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of October in the year of 2005, in Reel No. 017119, at frame(s) 0834.

#208	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0109413	11/280,302	11/17/2005	<i>Sealant pattern for flat display panel</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of November in the year of 2005, in Reel No. 017254, at frame(s) 0624.

#209	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0172149	11/339,657	01/26/2006	<i>Thin film transistor and flat panel display including the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 26th day of the month of January in the year of 2006, in Reel No. 017504, at frame(s) 0271.

#210	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0237789	11/403,011	04/13/2006	<i>Thin film transistor (TFT) and flat panel display including the TFT</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of April in the year of 2006, in Reel No. 017789, at frame(s) 0258.

#211	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0007515	11/480,549	07/05/2006	<i>Flat panel display and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of July in the year of 2006, in Reel No. 018077, at frame(s) 0428.

#212	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0270122	11/435,849	05/18/2006	<i>Organic TFT, method of manufacturing the same and flat panel display device having the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of May in the year of 2006, in Reel No. 017910, at frame(s) 0719.

#213	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0267491	11/439,343	05/24/2006	<i>Flat panel display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of May in the year of 2006, in Reel No. 017924, at frame(s) 0184.

#214	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0085961	11/523,607	09/20/2006	<i>Flexible flat panel display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of September in the year of 2006, in Reel No. 018325, at frame(s) 0888.

#215	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0267094	11/436,531	05/19/2006	<i>Organic Thin Film Transistor, Method of Fabricating the Same, and Flat Panel Display Having the Organic Thin Film Transistor</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of May in the year of 2006, in Reel No. 017918, at frame(s) 0058.

#216	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0267003	11/417,046	05/04/2006	<i>Organic thin film transistor (OTFT), its method of fabrication, and flat panel display including OTFT</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of May in the year of 2006, in Reel No. 017866, at frame(s) 0065.

#217	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0115680	11/286,421	11/25/2005	<i>Phenylcarbazole-based compound and organic electroluminescent device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 25th day of the month of November in the year of 2005, in Reel No. 017281, at frame(s) 0679.

#218	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0107919	11/979,267	10/31/2007	<i>Phenylcarbazole-based compound and organic electroluminescent device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of April in the year of 2008, in Reel No. 020769, at frame(s) 0159.

#219	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0018571	11/489,565	07/20/2006	<i>Triarylamine-based compound, method of preparing the same, and organic light emitting device using the triarylamine-based compound</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of July in the year of 2006, in Reel No. 018116, at frame(s) 0991.

#220	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0134463	11/302,447	12/14/2005	<i>Triarylamine-based compound for organic electroluminescent device and organic electroluminescent device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of December in the year of 2005, in Reel No. 017370, at frame(s) 0276.

#221	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0152223	11/646,493	12/28/2006	<i>Organic thin film transistor and organic light emitting display device including the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of December in the year of 2006, in Reel No. 018748, at frame(s) 0889.

#222	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0231503	11/806,039	05/29/2007	<i>Organic light emitting device and flat panel display device comprising the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of June in the year of 2007, in Reel No. 019437, at frame(s) 0202.

#223	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0012014	11/819,966	06/29/2007	<i>Thin film transistor, method of preparing the same, and flat panel display device including the thin film transistor</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of August in the year of 2007, in Reel No. 019789, at frame(s) 0668.

#224	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0111484	11/783,554	04/10/2007	<i>Organic light emitting display apparatus employing anode having multi-layer structure</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 10th day of the month of April in the year of 2007, in Reel No. 019205, at frame(s) 0729.

#225	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0224600	11/892,008	08/17/2007	<i>Organic light emitting display (OLED) device and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of September in the year of 2007, in Reel No. 019824, at frame(s) 0989.

#226	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0277658	12/149,944	05/09/2008	<i>Thin film transistor, method of manufacturing the same, organic light emitting display apparatus comprising the thin film transistor, and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of July in the year of 2008, in Reel No. 021355, at frame(s) 0257.

#227	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0246037	11/898,506	09/12/2007	<i>Flat display device and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of October in the year of 2007, in Reel No. 019961, at frame(s) 0141.

#228	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0061305	11/898,367	09/11/2007	<i>Dual view display panel</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 11th day of the month of October in the year of 2007, in Reel No. 019979, at frame(s) 0785.

#229	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0276993	10/892,197	07/16/2004	<i>Electroluminescent Device Using Metal Nanoparticles</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of July in the year of 2004, in Reel No. 015587, at frame(s) 0535.

#230	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0265758	12/081,214	04/11/2008	<i>Organometallic complexes and organic electroluminescence device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of November in the year of 2004, in Reel No. 015949 at frame(s) 0470.

#231	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0238914	11/028,221	01/04/2005	<i>Polysilsesquioxane-based compound and organic electroluminescence device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of January in the year of 2005, in Reel No. 016146, at frame(s) 0440.

#232	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0196638	11/051,480	02/07/2005	<i>Organic Electroluminescent Device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of May in the year of 2005, in Reel No. 016577, at frame(s) 0035.

#233	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0164034	11/041,871	01/25/2005	<i>Spirofluorene-based polymer and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of March in the year of 2005, in Reel No. 016405, at frame(s) 0995.

#234	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0181233	11/037,099	01/19/2005	<i>Thieno[3,2-b]indole Based P o l y m e r a n d Organoelectroluminescent Device Using the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of January in the year of 2005, in Reel No. 016198, at frame(s) 0405.

#235	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0046095	11/081,541	03/17/2005	<i>Cyclometalated transition metal complex and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of March in the year of 2005, in Reel No. 016389, at frame(s) 0762.

#236	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0063033	11/155,778	06/20/2005	<i>Blue luminescent polymer and organoelectroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of June in the year of 2005, in Reel No. 016708, at frame(s) 0733.

#237	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0073358	11/156,604	06/21/2005	<i>Cyclometalated transition metal complex and organic</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of June in the year of 2005, in Reel No. 016714, at frame(s) 0688.

#238	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0078760	11/219,820	09/07/2005	<i>Cyclometalated transition metal complex and organic electroluminescent display device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of September in the year of 2005, in Reel No. 016966, at frame(s) 0435.

#239	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0099446	11/220,866	09/08/2005	<i>Cyclometalated transition metal complex and organic electroluminescent display device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of September in the year of 2005, in Reel No. 016970, at frame(s) 0101.

#240	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0147752	11/320,810	12/30/2005	<i>Organic light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of December in the year of 2005, in Reel No. 017431, at frame(s) 0652.

#241	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0147736	11/315,221	12/23/2005	<i>Organic electroluminescent device comprising a polymer layer containing a polyimide having triphenylamine derivative unit</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of December in the year of 2005, in Reel No. 017407, at frame(s) 0208.

#242	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0147753	11/325,566	01/05/2006	<i>Blue-emitting polymer and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of January in the year of 2006, in Reel No. 017440, at frame(s) 0840.

#243	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0152147	11/287,433	11/28/2005	<i>Electroluminescent device and method for preparing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of November in the year of 2005, in Reel No. 017289, at frame(s) 0529.

#244	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0152152	11/302,448	12/14/2005	<i>Organic Electroluminescent Device Comprising Electron Shower Treated Hole Injection Layer and Method for Preparing the Same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of December in the year of 2005, in Reel No. 017370, at frame(s) 0265.

#245	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0182995	11/334,775	01/19/2006	<i>Biphenyl derivatives and organic electroluminescent devices using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 28th day of the month of April in the year of 2006, in Reel No. 017836, at frame(s) 0739.

#246	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0158105	11/328,157	01/10/2006	<i>Organic light emitting device and method for preparing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 10th day of the month of January in the year of 2006, in Reel No. 017453, at frame(s) 0034.

#247	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0166038	11/336,877	01/23/2006	<i>Blue electroluminescent compound and organic</i>

*electroluminescent device
using the same*

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of January in the year of 2006, in Reel No. 017502, at frame(s) 0137.

#248	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0166037	11/336,868	01/23/2006	<i>Blue electroluminescent polymer and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of January in the year of 2006, in Reel No. 017503, at frame(s) 0390.

#249	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0170337	11/340,597	01/27/2006	<i>Organic light emitting device and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of January in the year of 2006, in Reel No. 017516, at frame(s) 0751.

#250	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0172150	11/346,585	02/03/2006	<i>Organometallic complex and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of April in the year of 2006, in Reel No. 017795, at frame(s) 0950.

#251	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0228906	11/346,552	02/03/2006	<i>Method of patterning conductive polymer layer, organic light emitting device, and method of manufacturing the organic light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of June in the year of 2006, in Reel No. 017994, at frame(s) 0827.

#252	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0188697	11/347,659	02/06/2006	<i>Donor film and methods for fabricating patterned organic electroluminescent devices using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of May in the year of 2006, in Reel No. 017840, at frame(s) 0682.

#253	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0177695	11/347,242	02/06/2006	<i>Cyclometalated transition metal complex and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to

the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of February in the year of 2006, in Reel No. 017607, at frame(s) 0647.

#254	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0175963	11/347,660	02/06/2006	<i>Organic light emitting device and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of April in the year of 2006, in Reel No. 017807, at frame(s) 0445.

#255	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0175960	11/345,241	02/02/2006	<i>Organic light emitting device (OLED) and white light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of February in the year of 2006, in Reel No. 017533, at frame(s) 0430.

#256	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0175964	11/348,337	02/07/2006	<i>Conductive organic/inorganic composite composition and organic electroluminescent device comprising the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of February in the year of 2006, in Reel No. 017553, at frame(s) 0311.

#257	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0181199	11/354,869	02/16/2006	<i>Organic light emitting device comprising multilayer cathode</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of February in the year of 2006, in Reel No. 017584, at frame(s) 0390.

#258	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0246317	11/386,662	03/23/2006	<i>Aminostyryl compound, method of preparing the same, and organic light emitting device using the sminostyryl compound</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of March in the year of 2006, in Reel No. 018048, at frame(s) 0448.

#259	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0180810	11/312,453	12/21/2005	<i>Compsition of conducting polymer and organic opto-electronic device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 21st day of the month of December in the year of 2005, in Reel No. 017402, at frame(s) 0257.

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of March in the year of 2006, in Reel No. 017733, at frame(s) 0920.

#260	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0286314	11/453,930	06/16/2006	<i>Method of forming organic semiconductor layer pattern</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of February in the year of 2002, in Reel No. 018004, at frame(s) 0602.

#261	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0284169	11/394,085	03/31/2006	<i>Method of patterning nano conductive film</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of March in the year of 2006, in Reel No. 017763, at frame(s) 0325.

#262	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0003787	11/392,876	03/30/2006	<i>Organic light-emitting device and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30rd day of the month of March in the year of 2006, in Reel No. 018082, at frame(s) 0523.

#263	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0026258	11/493,839	07/27/2006	<i>Dimethylenecyclohexane compound, method of preparing the same and</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13rd day of the month of October in the year of 2006, in Reel No. 018414, at frame(s) 0277.

#264	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0045619	11/509,621	08/25/2006	<i>Silsesquioxane-based compound and organic light-emitting device including the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 25th day of the month of August in the year of 2006, in Reel No. 018243, at frame(s) 0149.

#265	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0048532	11/448,142	06/07/2006	<i>Organosiloxane compound and organic light-emitting device comprising the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of September in the year of 2006, in Reel No. 018259, at frame(s) 0910.

#266	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0072002	11/525,100	09/22/2006	<i>Organic light-emitting compound and organic light-emitting device containing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of September in the year of 2006, in Reel No. 018339, at frame(s) 0159.

#267	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0112133	11/517,480	09/08/2006	<i>Conducting polymer composition and electronic device including layer obtained using the conducting polymer composition</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of September in the year of 2006, in Reel No. 018289, at frame(s) 0017.

#268	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0138483	11/480,876	07/06/2006	<i>Conducting polymer composition and electronic device including layer obtained using the conducting polymer composition</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of July in the year of 2006, in Reel No. 018081, at frame(s) 0631.

#269	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0155981	11/633,004	12/04/2006	<i>Arylene derivative and organic light emitting device manufactured using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to

the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of December in the year of 2006, in Reel No. 018671, at frame(s) 0041.

#270	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0152573	11/589,052	10/30/2006	<i>Polymer organic light-emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of October in the year of 2006, in Reel No. 018476, at frame(s) 0118.

#271	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0158471	11/513,095	08/31/2006	<i>Nozzle apparatus for organic light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of August in the year of 2006, in Reel No. 018257, at frame(s) 0769.

#272	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0166480	11/472,469	06/22/2006	<i>Optically treated organic light emitting device and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of June in the year of 2006, in Reel No. 018029, at frame(s) 0501.

#273	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0164670	11/648,611	01/03/2007	<i>Pixel structure and organic light emitting device including</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of January in the year of 2007, in Reel No. 018765, at frame(s) 0194.

#274	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0173633	11/600,110	11/16/2006	<i>Electroluminescent polymer and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of November in the year of 2006, in Reel No. 018613, at frame(s) 0528.

#275	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0176148	11/601,643	11/20/2006	<i>Organic electroluminescence device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of November in the year of 2006, in Reel No. 018620, at frame(s) 0144.

#276	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0176542	11/640,418	12/18/2006	<i>Organometallic complex and organic electroluminescence device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of December in the year of 2006, in Reel No. 018718, at frame(s) 0788.

#277	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0176541	11/635,024	12/07/2006	<i>Organic light emitting compound and organic light emitting device comprising the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of December in the year of 2006, in Reel No. 018691, at frame(s) 0053.

#278	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0178331	11/633,005	12/04/2006	<i>Organic electroluminescent device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of December in the year of 2006, in Reel No. 018671, at frame(s) 0061.

#279	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0176547	11/656,384	01/23/2007	<i>Composition for electron transport layer, electron transport layer manufactured thereof, and organic electroluminescent device including the electron transport layer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of January in the year of 2007,

#280	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0036370	11/657,112	01/24/2007	<i>Polymer having 1,8-naphtalimide group and organic light emitting device including the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of May in the year of 2007, in Reel No. 019321, at frame(s) 0717.

#281	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0176174	11/651,081	01/09/2007	<i>Conducting polymer composition and organic optoelectronic device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of January in the year of 2007, in Reel No. 018780, at frame(s) 0171.

#282	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0151659	11/606,967	12/01/2006	<i>Method of manufacturing donor film for OLED and method of manufacturing using the donor film</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of December in the year of 2006, in Reel No. 018663, at frame(s) 0070.

#283	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0155952	11/580,858	10/16/2006	<i>Blue electroluminescent polymer, method of preparing blue electroluminescent polymer, and organic electroluminescent device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of October in the year of 2006, in Reel No. 018423, at frame(s) 0886.

#284	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0178332	11/640,330	12/18/2006	<i>Organometallic complex and organic electroluminescence device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of December in the year of 2006, in Reel No. 018719, at frame(s) 0723.

#285	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0185294	11/588,248	10/27/2006	<i>Polyvinyl pyrrole host material, luminescent layer comprising the same, and organic electroluminescent device comprising the luminescent layer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of June in the year of 2008, in Reel No. 021090, at frame(s) 0824.

#286	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0184303	11/634,117	12/06/2006	<i>Cyclometalated transition metal complex and organic light emitting device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of December in the year of 2006, in Reel No. 018681, at frame(s) 0828.

#287	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0194697	11/499,653	08/07/2006	<i>Organic light emitting diode</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of August in the year of 2006, in Reel No. 018166, at frame(s) 0249.

#288	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0196643	11/634,116	12/06/2006	<i>Conductive layer and organic electroluminescent device including the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of December in the year of 2006, in Reel No. 018681, at frame(s) 0802.

#289	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0181856	11/593,498	11/07/2006	<i>Conductive wet coating composition and thin-film prepared therefrom</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of November in the year of 2006, in Reel No. 018549, at frame(s) 0808.

#290	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0190358	11/633,488	12/05/2006	<i>Cyclometalated transition metal complex and organic electroluminescence device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 5th day of the month of December in the year of 2006, in Reel No. 018671, at frame(s) 0072.

#291	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0187675	11/650,429	01/08/2007	<i>Organic light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of January in the year of 2007, in Reel No. 018780, at frame(s) 0168.

#292	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0210704	11/524,847	09/22/2006	<i>Electroluminescent device using nenorods</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of September in the year of 2006, in Reel No. 018333, at frame(s) 0103.

#293	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0224713	11/407,335	04/20/2006	<i>Method of manufacturing display device using LED</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of June in the year of 2006, in Reel No. 017962, at frame(s) 0348.

#294	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0241675	11/723,168	03/16/2007	<i>Organic electroluminescence device with charge separation layer</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of March in the year of 2007, in Reel No. 019075, at frame(s) 0018.

#295	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0252518	11/583,045	10/19/2006	<i>Organic electroluminescent device and its method of manufacture</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of October in the year of 2006, in Reel No. 018443, at frame(s) 0887.

#296	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0276160	11/643,979	12/22/2006	<i>Organic light-emitting compound of CIS-diarylethene derivatives, organic electroluminescent device using the same, and method of manufacturing the device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of December in the year of 2006, in Reel No. 018741, at frame(s) 0175.

#297	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0264526	11/798,171	05/10/2007	<i>Dimethylenecyclohexane compound, method of preparing the same and organic light emitting device comprising the dimethylenecyclohexane compound</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 10th day of the month of May in the year of 2007, in Reel No. 019311, at frame(s) 0235.

#298	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0270592	11/802,066	05/18/2007	<i>Phosphorescent multinuclear copper complex and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of May in the year of 2007, in Reel No. 019393, at frame(s) 0513.

#299	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0270595	11/802,399	05/22/2007	<i>Organic light-emitting compound and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of

SamSung SDI Co., Ltd., duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of May in the year of 2007, in Reel No. 019401, at frame(s) 0377.

#300	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0273273	11/699,008	01/29/2007	<i>W h i t e o r g a n i c electroluminescent device and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of January in the year of 2007, in Reel No. 018858, at frame(s) 0831.

#301	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0267959	11/727,593	03/27/2007	<i>Phosphorescent heterou- nuclear copper(i)-iridium(III) complex and organic electroluminescence device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of March in the year of 2007, in Reel No. 019119, at frame(s) 0424.

#302	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0228582	11/398,612	04/06/2006	<i>S i l y l - s u b s t i t u t e d cyclometalated transition metal complex and organic electroluminescence device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of April in the year of 2006, in Reel No. 017769, at frame(s) 0694.

#303	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0261332	11/435,819	05/18/2006	<i>Composition of conducting polymer and organic opto-electronic device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of May in the year of 2006, in Reel No. 017910, at frame(s) 0714.

#304	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0285010	11/785,100	04/13/2007	<i>Organic light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of April in the year of 2007, in Reel No. 019206, at frame(s) 0456.

#305	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0278455	11/802,720	05/24/2007	<i>Polymer compound and organic light-emitting device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 25th day of the month of July in the year of 2007, in Reel No. 019648, at frame(s) 0061.

#306	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0020208	11/729,794	03/30/2007	<i>Conducting polymer composition, conductive film formed using the conducting polymer composition, and electronic device including the conductive film</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 30th day of the month of March in the year of 2007, in Reel No. 019138, at frame(s) 0674.

#307	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0290610	11/812,260	06/15/2007	<i>Cyclopentaphenanthrene-based compound and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 16th day of the month of July in the year of 2007, in Reel No. 019593, at frame(s) 0484.

#308	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0079356	11/826,781	07/18/2007	<i>Organoelectroluminescent compound and organoelectroluminescent device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 25th day of the month of September in the year of 2007, in Reel No. 019907, at frame(s) 0471.

#309	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0074038	11/819,139	06/25/2007	<i>Organic light emitting display (OLED) and its method of manufacture</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of August in the year of 2007, in Reel No. 019728, at frame(s) 0437.

#310	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0093987	11/826,808	07/18/2007	<i>Organoelectroluminescent compound and organoelectroluminescent device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 12th day of the month of September in the year of 2007, in Reel No. 019848, at frame(s) 0135.

#311	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0100207	11/826,790	07/18/2007	<i>Organoelectroluminescent compound and organoelectroluminescent device employing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of September in the year of 2007, in Reel No. 019848, at frame(s) 0778.

#312	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0169756	11/976,067	10/19/2007	<i>Light emitting polymer comprising phosphorescence unit and fluorescence unit and</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of November in the year of 2007, in Reel No. 020190, at frame(s) 0885.

#313	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0230853	11/987,250	11/28/2007	<i>Transistor and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of January in the year of 2008, in Reel No. 020387, at frame(s) 0219.

#314	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0129191	11/819,741	06/28/2007	<i>High efficiency organic light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of August in the year of 2007, in Reel No. 019676, at frame(s) 0649.

#315	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0199732	11/987,274	11/28/2007	<i>Dendritic molecule containing metal phthalocyanine, method of preparing the same and organic light emitting diode comprising the dendritic molecule</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of March in the year of 2008, in Reel No. 020687, at frame(s) 0750.

#316	Patent Pub. No.	Serial No.	Filing Date	Title
	2006/0145146	11/296,874	12/08/2005	<i>Method of forming conductive pattern, thin film transistor, and method of manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 17th day of the month of March in the year of 2006, in Reel No. 017695, at frame(s) 0218.

#317	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0287391	11/087,815	03/24/2005	<i>Iridium (III) complex with heteroatom linking group and organic electroluminescent device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of March in the year of 2005, in Reel No. 016415, at frame(s) 0056.

#318	Patent Pub. No.	Serial No.	Filing Date	Title
	2007/0196689	11/640,289	12/18/2006	<i>Organometallic complex and organic electroluminescence device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of December in the year of 2006, in Reel No. 018718, at frame(s) 0769.

#319	Patent Pub. No.	Serial No.	Filing Date	Title
	2005/0194475	11/070,232	03/03/2005	<i>Inductively coupled plasma chemical vapor deposition apparatus</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 3rd day of the month of March in the year of 2005, in Reel No. 016348, at frame(s) 0254.

#320	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0111125	11/785,044	04/13/2007	<i>Organic light emitting display and fabricating method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of April in the year of 2007, in Reel No. 019206, at frame(s) 0481.

#321	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0111126	11/785,099	04/13/2007	<i>Organic light emitting display and fabrication method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of April in the year of 2007, in Reel No. 019205, at frame(s) 0529.

#322	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0111477	11/785,101	04/13/2007	<i>Organic light emitting display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of April in the year of 2007, in Reel No. 019206, at frame(s) 0452.

#323	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0142791	11/785,098	04/13/2007	<i>Organic light emitting display and fabricating method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of April in the year of 2007, in Reel No. 019206, at frame(s) 0500.

#324	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0128683	11/785,043	04/13/2007	<i>Organic light emitting display and fabricating method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13th day of the month of April in the year of 2007, in Reel No. 019205, at frame(s) 0527.

#325	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0150847	11/790,656	04/26/2007	<i>Organic light emitting display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United

States Patent & Trademark Office on the 26th day of the month of April in the year of 2007, in Reel No. 019267, at frame(s) 0010.

#326	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0170004	11/790,049	04/23/2007	<i>Organic light emitting display and image compensation method</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 23rd day of the month of April in the year of 2007, in Reel No. 019240, at frame(s) 0661.

#327	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0163923	11/826,022	07/11/2007	<i>Organic light emitting display having solar cell polarizing film</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of August in the year of 2007, in Reel No. 019711, at frame(s) 0902.

#328	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0170014	11/808,914	06/13/2007	<i>Organic light emitting display and method of correcting images thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 27th day of the month of June in the year of 2007, in Reel No. 019515, at frame(s) 0482.

#329	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0169754	11/790,658	04/26/2007	<i>Organic electroluminescent display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 26th day of the month of April in the year of 2007, in Reel No. 019266, at frame(s) 0193.

#330	Patent Pub. No.	Serial No.	Filing Date	Title
	2008/0172569	11/826,021	07/11/2007	<i>Portable electronic device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 11th day of the month of July in the year of 2007, in Reel No. 019591, at frame(s) 0398.

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 13rd day of the month of August in the year of 2007, in Reel No. 019710, at frame(s) 0601.

UNPUBLISHED U.S. PATENT APPLICATIONS

#331	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/219,439	07/22/2008	<i>Full color organic electroluminescence display devices by thermal patterning using laser and method for manufacturing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of October in the year of 2004, in Reel No. 016100, at frame(s) 0704.

#332	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/155,306	06/02/2008	<i>Organic light emitting display and method of fabricating the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of September in the year of 2005, in Reel No. 016952, at frame(s) 0245.

#333	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/213459	6/19/2008	<i>Method of fabricating an organic light emitting display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of December in the year of 2005, in Reel No. 017340, at frame(s) 0006.

#334	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/153,609	05/21/2008	<i>Etching apparatus</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 25th day of the month of June in the year of 2008, in Reel No. 021184, at frame(s) 0046.

#335	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/213,458	06/19/2008	<i>Organic light emitting diode display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 11th day of the month of July in the year of 2008, in Reel No. 021250, at frame(s) 0237.

#336	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/155,237	05/30/2008	<i>Method of manufacturing display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of July in the year of 2008, in Reel No. 021221, at frame(s) 0244

#337	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/222,867	08/18/2008	<i>Organic light emitting diode display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of October in the year of 2008, in Reel No. 021734, at frame(s) 0198.

#338	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/003,943	01/03/2008	<i>Display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of April in the year of 2008, in Reel No. 020765, at frame(s) 0973.

#339	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/149,729	05/07/2008	<i>Organic light emitting display and driving method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 6th day of the month of June in the year of 2008, in Reel No. 021091, at frame(s) 0122.

#340	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/081,689	04/18/2008	<i>Organic light emitting display and its driving method</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of June in the year of 2008, in Reel No. 021133, at frame(s) 0532.

#341	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/219,216	07/17/2008	<i>Liquid crystal display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of August in the year of 2008, in Reel No. 021424, at frame(s) 0684.

#342	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/222,516	08/11/2008	<i>Printed circuit board with multi layer ceramic capacitor and flat panel display device using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 9th day of the month of September in the year of 2008, in Reel No. 021520, at frame(s) 0109.

#343	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/222,047	07/31/2008	<i>Apparatus of encapsulating</i>

*display panel and method of
manufacturing organic light
emitting display device using
the same*

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of September in the year of 2008, in Reel No. 021492, at frame(s) 0797.

#344	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/219,619	07/24/2008	<i>Organic light emitting display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of August in the year of 2008, in Reel No. 021424, at frame(s) 0471.

#345	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/216,895	07/11/2008	<i>Organic light emitting display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 14th day of the month of August in the year of 2008, in Reel No. 021412, at frame(s) 0756.

#346	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/222,051	07/31/2008	<i>Gamma voltage generator, method of generating gamma voltage, and organic light emitting display using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth

in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of September in the year of 2008, in Reel No. 021519, at frame(s) 0326.

#347	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/215,417	06/27/2008	<i>Photo sensor and flat panel display using the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of July in the year of 2008, in Reel No. 021353, at frame(s) 0336.

#348	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/222,869	08/18/2008	<i>Organic light emitting display device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of September in the year of 2008, in Reel No. 021588, at frame(s) 0390.

#349	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/230,946	09/08/2008	<i>Organic Light Emitting Display Device and driving method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of October in the year of 2008, in Reel No. 021734, at frame(s) 0217.

#350	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/222,050	07/31/2008	<i>Liquid crystal display</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of September in the year of 2008, in Reel No. 021519, at frame(s) 0328.

#351	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/222,052	07/31/2008	<i>Liquid crystal display and driving method thereof</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 8th day of the month of September in the year of 2008, in Reel No. 021518, at frame(s) 0511.

#352	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/222,721	08/14/2008	<i>Dual liquid crystal display (LCD)</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of September in the year of 2008, in Reel No. 021585, at frame(s) 0100.

#353	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/216,424	07/03/2008	<i>Thin film transistor (TFT) and flat panel display including the TFT and their methods of manufacture</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 18th day of the month of August in the year of 2005, in

#354	Patent Pub. No. <i>to be assigned</i>	Serial No. 11/125,113	Filing Date 05/10/2005	Title <i>Organic electroluminescent device</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 10th day of the month of May in the year of 2005, in Reel No. 016550, at frame(s) 0621.

#355	Patent Pub. No. <i>to be assigned</i>	Serial No. 12/068,363	Filing Date 02/05/2008	Title <i>Organic light emitting display apparatus</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 1st day of the month of May in the year of 2008, in Reel No. 020913 at frame(s) 0526.

#356	Patent Pub. No. <i>to be assigned</i>	Serial No. 11/898,244	Filing Date 09/10/2007	Title <i>Organic light emitting display apparatus and method of fabricating the same</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 4th day of the month of October in the year of 2007, in Reel No. 019951 at frame(s) 0871.

#357	Patent Pub. No. <i>to be assigned</i>	Serial No. 12/155,940	Filing Date 06/11/2008	Title <i>Organometallic complex, method of preparing the same and organic light emitting device comprising the same</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of July in the year of 2008, in Reel No. 021221 at frame(s) 0034.

#358	Patent Pub. No. <i>to be assigned</i>	Serial No. 12/213,097	Filing Date 06/13/2008	Title <i>Heteroaromatic cycle-containing compound, method of preparing the same and organic light emitting device comprising the same</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 22nd day of the month of August in the year of 2008, in Reel No. 021455 at frame(s) 0434.

#359	Patent Pub. No. <i>to be assigned</i>	Serial No. 12/230,596	Filing Date 09/02/2008	Title <i>Sputtering apparatus and method of manufacturing flat display device using the sputtering apparatus</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 20th day of the month of October in the year of 2008, in Reel No. 021729 at frame(s) 0349.

#360	Patent Pub. No. <i>to be assigned</i>	Serial No. 12/155,842	Filing Date 06/10/2008	Title <i>Electroluminescent device and method for preparing the same</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of September in the year of 2008, in Reel No. 021605 at frame(s) 0147.

#361	Patent Pub. No. <i>to be assigned</i>	Serial No. 12/073,273	Filing Date 03/03/2008	Title <i>White organic light emitting device</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 29th day of the month of April in the year of 2008, in Reel No. 020908, at frame(s) 0953.

#362	Patent Pub. No. <i>to be assigned</i>	Serial No. 12/076,854	Filing Date 03/24/2008	Title <i>Hyperbranched polymer, organic light-emitting diode including organic layer including the hyperbranched polymer, and method of manufacturing the organic light-emitting diode</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 2nd day of the month of July in the year of 2008, in Reel No. 021214, at frame(s) 0443.

#363	Patent Pub. No. <i>to be assigned</i>	Serial No. 12/078,334	Filing Date 03/28/2008	Title <i>Aromatic compound, organic light-emitting diode including organic layer including the aromatic compound, and method of manufacturing the organic light-emitting diode</i>
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I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to

this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 19th day of the month of May in the year of 2008, in Reel No. 020989, at frame(s) 0689.

#364	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/081,405	04/15/2008	<i>Rare earth nano phosphor and method of preparing the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 31st day of the month of July in the year of 2008, in Reel No. 021355, at frame(s) 0260.

#365	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/076,111	03/13/2008	<i>White organic light emitting device</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 24th day of the month of April in the year of 2008, in Reel No. 020875, at frame(s) 0500.

#366	Patent Pub. No.	Serial No.	Filing Date	Title
	<i>to be assigned</i>	12/081,708	04/18/2008	<i>Display for multi-function key pad and electronic device having the same</i>

I, the undersigned officer of the Assignor, state that I was and am the authorized officer of **SamSung SDI Co., Ltd.**, duly authorized to make the assignment, conveyance and grant set forth in this instrument, that the foregoing documentary evidence has been reviewed, and I certify that to the knowledge and belief of the assignee, title to the aforementioned patent application is, prior to this conveyance, in **SamSung SDI Co., Ltd.** by virtue of an Assignment recorded in the United States Patent & Trademark Office on the 7th day of the month of August in the year of 2008, in Reel No. 021386, at frame(s) 0847.

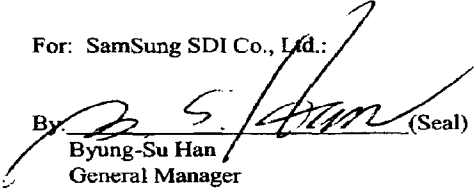
TO HAVE AND TO HOLD the same unto my Assignee, Samsung Mobile Display Co., Ltd., and its successors and assigns, forever and absolutely, together with all rights, titles, interests and appurtenances thereto pertaining.

AND I hereby covenant and agree to sign and execute, without delay and without receiving any money or other consideration, any further or other documents or instruments pertaining to the property listed in Schedule A, which may from time-to-time be requested by the Assignee.

IN WITNESS WHEREOF, I have, at Seoul, Republic of Korea, on this 10th day of the month of December, in the year of Two Thousand and Eight, placed my hand and affixed the Seal of the Assignor to the INSTRUMENT comprised of One Hundred nine (109) pages:

For: SamSung SDI Co., Ltd.:

Name:
Title:

By:  (Seal)
Byung-Su Han
General Manager
Samsung SDI Co., Ltd.