

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5874922

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMSUNG ELECTRONICS CO., LTD.	12/05/2019
SAMSUNG SDI CO., LTD.	12/05/2019

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
Name:	SAMSUNG SDI CO., LTD.
Street Address:	150-20 GONGSE-RO, GIHEUNG-GU
City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	17084

PROPERTY NUMBERS Total: 154

Property Type	Number
Application Number:	14801080
Application Number:	14598811
Application Number:	14795075
Application Number:	14804898
Application Number:	14688434
Application Number:	14669102
Application Number:	14859815
Application Number:	14810863
Application Number:	15013404
Application Number:	15234089
Application Number:	14969257
Application Number:	14963862
Application Number:	15012266
Application Number:	15145158

PATENT

Property Type	Number
Application Number:	15262584
Application Number:	16213296
Application Number:	14806903
Application Number:	14920968
Application Number:	14816146
Application Number:	14816180
Application Number:	14806969
Application Number:	14872251
Application Number:	14983715
Application Number:	14982790
Application Number:	14985544
Application Number:	15153867
Application Number:	15207885
Application Number:	15258544
Application Number:	15093412
Application Number:	15056200
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Application Number:	15230593
Application Number:	15205068
Application Number:	15072547
Application Number:	15149542
Application Number:	15221743
Application Number:	16206331
Application Number:	15421715
Application Number:	15064112

Property Type	Number
Application Number:	15399332
Application Number:	15168465
Application Number:	15072565
Application Number:	15335781
Application Number:	15161879
Application Number:	15091172
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Application Number:	15398132
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Application Number:	15397910
Application Number:	15584234
Application Number:	15400253
Application Number:	15624226
Application Number:	15622133
Application Number:	15371479
Application Number:	15389774
Application Number:	15631968

Property Type	Number
Application Number:	15719936
Application Number:	15674550
Application Number:	15403583
Application Number:	15656476
Application Number:	15684135
Application Number:	15708255
Application Number:	15718386
Application Number:	15665132
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Application Number:	15796752
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Application Number:	16101927
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Application Number:	16192051
Application Number:	16102087
Application Number:	16206198
Application Number:	16031443
Application Number:	16105045
Application Number:	16137863
Application Number:	16119170

Property Type	Number
Application Number:	16057929
Application Number:	16161574
Application Number:	16101783
Application Number:	16185042
Application Number:	16161559
Application Number:	16136417
Application Number:	16120587
Application Number:	16196030
Application Number:	16230946
Application Number:	16236867
Application Number:	16102162
Application Number:	16253417
Application Number:	16155287
Application Number:	16145925
Application Number:	16030120
Application Number:	16236689
Application Number:	16166778
Application Number:	16230878
Application Number:	16253639
Application Number:	16158351
Application Number:	16100339
Application Number:	16224018
Application Number:	16152498
Application Number:	16202429
Application Number:	16230895
Application Number:	16441248

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: SAIT&SDI SHARE RATIO CHAN

NAME OF SUBMITTER: JAMES J. MERRICK

SIGNATURE:	/James J. Merrick/
DATE SIGNED:	12/18/2019
Total Attachments: 8 source=the executed document_SAIT&SDI#page1.tif source=the executed document_SAIT&SDI#page2.tif source=the executed document_SAIT&SDI#page3.tif source=the executed document_SAIT&SDI#page4.tif source=the executed document_SAIT&SDI#page5.tif source=the executed document_SAIT&SDI#page6.tif source=the executed document_SAIT&SDI#page7.tif source=the executed document_SAIT&SDI#page8.tif	

STATEMENT OF PERCENTAGE OWNERSHIP

WHEREAS each of the undersigned applicants,

(1) **SAMSUNG ELECTRONICS CO., LTD.**, a corporation of the **Republic of Korea** having a place of business at **129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea**, and

(2) **SAMSUNG SDI CO., LTD.**, a corporation of the Republic of Korea having a place of business at **150-20 Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do 17084, Republic of Korea**

(hereinafter referred to collectively as the “APPLICANTS”) currently owns the entire worldwide right, title and interest in the applications listed in TABLE A below and to any and all patent applications and patents directed thereto;

AND WHEREAS the APPLICANTS wish to identify the percentage of ownership of each of the applications listed in TABLE A

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, for good and valuable consideration, the receipt of which is hereby acknowledged, APPLICANTS agree to the percentages in TABLE A that each APPLICANT shall own.

TABLE A

No.	Country	Application #	Patent No.	CI Class.	Original Assignee	Priority of Applicants
1	US	14/801,080		YPLI573US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
2	US	14/598,811		YPLI514US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
3	US	14/795,075		YPLI599US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
4	US	14/804,898	10,193,080	YPLI566US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
5	US	14/688,434	9,960,365	YPLI545US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
6	US	14/669,102	10,505,124	YPLI550US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
7	US	14/859,815		YPLI557US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
8	US	14/810,863	10,164,198	YPLI569US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
9	US	15/013,404	10,326,086	YPLI667US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
10	US	15/234,089		YPLI659US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
11	US	14/969,257	10,043,984	YPLI642US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
12	US	14/963,862	10,043,983	YPLI652US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
13	US	15/012,266	10,367,151	YPLI638US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
14	US	15/145,158	10,062,852	YPLI647US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
15	US	15/262,584	10,297,764	YPLI817US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
16	US	16/213,296		YPL2161US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%	
17	US	14/806,903	9,742,005	YPLI577US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%	
18	US	14/920,968	9,979,019	YPLI639US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%	
19	US	14/816,146	9,923,198	YPLI585US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%	

20	US	14/816,180		YPLI586US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
21	US	14/806,969	10,446,834	YPLI591US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
22	US	14/872,251	9,923,197	YPLI637US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
23	US	14/983,715	10,096,825	YPLI686US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
24	US	14/982,790	10,199,638	YPLI683US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
25	US	14/985,544	10,164,252	YPLI684US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
26	US	15/153,867		YPLI736US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
27	US	15/207,885		YPLI789US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
28	US	15/258,544		YPLI677US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
29	US	15/093,412	10,193,082	YPLI662US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
30	US	15/056,200		YPLI649US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
31	US	15/097,444	10,263,245	YPLI764US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
32	US	14/983,857	10,164,240	YPLI685US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
33	US	14/982,838	10,211,482	YPLI690US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
34	US	14/982,812		YPLI687US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
35	US	14/982,873	10,505,225	YPLI694US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
36	US	14/982,827		YPLI689US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
37	US	14/982,855	9,972,866	YPLI693US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
38	US	14/985,561	10,177,374	YPLI695US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
39	US	15/245,545	10,240,085	YPLI811US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
40	US	15/244,701	10,050,268	YPLI732US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
41	US	15/080,773	10,305,090	YPLI703US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
42	US	15/200,052	10,305,101	YPLI742US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
43	US	15/169,878	10,135,061	YPLI745US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
44	US	15/172,259	10,164,254	YPLI774US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
45	US	15/230,593	10,483,547	YPLI763US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
46	US	15/205,068		YPLI721US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
47	US	15/072,547	10,050,264	YPLI702US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
48	US	15/149,542		YPLI756US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%

49	US	15/221,743		YPLI749US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
50	US	16/206,331		YPLI697US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
51	US	15/421,715		YPLI818US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
52	US	15/064,112	10,290,818	YPLI699US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
53	US	15/399,332	10,243,149	YPLI782US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
54	US	15/168,465	9,905,884	YPLI769US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
55	US	15/072,565	10,249,874	YPLI698US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
56	US	15/335,781		YPLI833US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
57	US	15/161,879		YPLI751US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
58	US	15/091,172		YPLI719US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
59	US	15/151,558	10,361,425	YPLI755US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
60	US	15/170,226	9,960,367	YPLI766US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
61	US	15/413,831		YPLI784US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
62	US	15/161,759	10,290,861	YPLI731US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
63	US	15/356,932	10,186,709	YPLI726US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
64	US	15/152,861	10,243,210	YPLI762US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
65	US	15/367,443	10,236,508	YPLI771US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
66	US	15/181,838	10,290,862	YPLI772US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
67	US	15/082,196	10,153,515	YPLI712US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
68	US	15/082,282		YPLI713US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
69	US	15/082,128	9,728,811	YPLI711US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
70	US	15/082,118	10,270,130	YPLI710US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
71	US	15/346,090	10,062,853	YPLI837US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
72	US	15/346,116		YPLI839US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
73	US	15/597,771		YPLI843US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
74	US	15/585,829		YPLI838US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
75	US	15/389,815		YPLI851US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
76	US	15/581,072		YPLI917US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%

77	US	15/291,477		YPL1835US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
78	US	15/584,430		YPL1919US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
79	US	15/631,043	10,155,724	YPL1845US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
80	US	15/398,541	10,290,902	YPL1855US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
81	US	15/398,132	10,347,941	YPL1856US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
82	US	15/389,620		YPL1857US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
83	US	15/397,910		YPL1858US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
84	US	15/584,234	10,424,775	YPL1859US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
85	US	15/400,253	10,199,584	YPL1870US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
86	US	15/624,226		YPL1860US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
87	US	15/622,133		YPL1928US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
88	US	15/371,479		YPL1861US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
89	US	15/389,774		YPL1852US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
90	US	15/631,968		YPL1888US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
91	US	15/719,936		YPL1952US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
92	US	15/674,550	10,297,777	YPL1913US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
93	US	15/403,583	10,468,686	YPL1864US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
94	US	15/656,476		YPL1853US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
95	US	15/684,135		YPL1893US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
96	US	15/708,255		YPL1938US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
97	US	15/718,386		YPL1951US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
98	US	15/665,132	10,249,873	YPL1930US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
99	US	15/791,540		YPL1939US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
100	US	15/489,969		YPL1911US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
101	US	15/472,548		YPL1912US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
102	US	15/873,287		YPL2038US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
103	US	15/787,149		YPL1940US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
104	US	15/816,095		YPL1991US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
105	US	15/867,867		YPL2016US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%

106	US	15/713,950	YPL1941US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
107	US	15/911,614	YPL2029US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
108	US	15/915,131	YPL2022US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
109	US	15/840,168	YPL1994US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
110	US	15/796,752	YPL1972US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
111	US	15/991,124	YPL2053US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
112	US	15/964,157	YPL2073US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
113	US	15/876,410	YPL1995US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
114	US	15/713,914	YPL1957US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
115	US	16/041,085	YPL2092US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
116	US	16/059,503	YPL2090US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
117	US	16/146,213	YPL2118US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
118	US	16/049,963	YPL2054US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
119	US	16/101,927	YPL2088US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
120	US	15/860,901	YPL1996US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
121	US	16/176,145	YPL2114US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
122	US	16/192,051	YPL2152US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
123	US	16/102,087	YPL2064US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
124	US	16/206,198	YPL2123US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
125	US	16/031,443	YPL2046US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
126	US	16/105,045	YPL2059US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
127	US	16/137,863	YPL2065US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
128	US	16/119,170	YPL2069US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
129	US	16/057,929	YPL2097US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
130	US	16/161,574	YPL2100US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
131	US	16/101,783	YPL2035US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
132	US	16/185,042	YPL2063US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
133	US	16/161,559	YPL2140US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
134	US	16/136,417	YPL2101US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%

135	US	16/120,587	YPL2067US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
136	US	16/196,030	YPL2070US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
137	US	16/230,946	YPL2131US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
138	US	16/236,867	YPL2126US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
139	US	16/102,162	YPL2068US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
140	US	16/253,417	YPL2132US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.9% : 6.1%
141	US	16/155,287	YPL2096US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
142	US	16/145,925	YPL2071US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
143	US	16/030,120	YPL2076US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
144	US	16/236,689	YPL2154US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
145	US	16/166,778	YPL2128US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
146	US	16/230,878	YPL2142US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
147	US	16/253,639	YPL2127US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
148	US	16/158,351	YPL2074US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
149	US	16/100,339	YPL2075US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
150	US	16/224,018	YPL2120US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
151	US	16/152,498	YPL2108US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
152	US	16/202,429	YPL2119US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 87.9% : 12.1%
153	US	16/230,895	YPL2134US	Samsung Electronics Co., Ltd. : Samsung SDI Co., Ltd. = 93.4% : 6.6%
154	US	16/441,248	YPL2225US	Samsung Electronics Co., Ltd. (93.9%) + Samsung SDI Co., Ltd. (6.1%)

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby grant the firm of Cantor Colburn LLP the power to insert in this STATEMENT OF PERCENTAGE OWNERSHIP any further identification which may be necessary or desirable for recordation of this STATEMENT OF PERCENTAGE OWNERSHIP.

SAMSUNG ELECTRONICS CO., LTD.,

By: SAMSUNG ELECTRONICS CO., LTD.
Name: _____
Title: *Kim Nam Kim*
Date: *December 5, 2019*
Kim Nam Kim, Vice Chairman & CEO

SAMSUNG SDI CO., LTD.,

By: _____
Name: _____
Title: *[Signature]*
Date: _____
SAMSUNG SDI CO., LTD.
December 5, 2019