Form **PTO-1595** (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005)

04-14-2005



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48329 PATENT	'S ONLY	
	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)	559
(1) Hyun-surk KIM (2) Hyeong-chae KIM	Name: Samsung Electronics Co., Ltd.	98£
	Internal Address:	ŏ
	<u>2</u>	_
Execution Date(s) March 27, 2005	Street Address: 416, Maetan-dong, Yeongtong-gu	1
Addit onal name(s) of conveying party(ies) attached? ☐ Yes ☒ No		
9. Nature of conveyance:	City: Suwon-si	
Assignment Merger	State: Gyeonggi-do	
☐ Security Agreement ☐ Change of Name ☐ Government Interest Assignment	Country: Republic of Korea Zip: 442-742	_
Executive Order 9424, Confirmatory License	,	
☐ Other	Additional name(s) & address(es) attached? Yes N	10
4. Application or patent number(s):	his document is being filed together with a new applica	tion.
A. Patent Application No.(s)	B. Patent No.(s)	l
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	ached? ☐ Yes ☒ No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Roylance, Abrams, Berdo & Goodman, L.L.P.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	J
Internal Address: Suite 600		
	Authorized to be charged by credit card	
	☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account	
Street Address: 1300 19 th Street, NW		
Street Address: 1300 19 th Street, NW	☐ Authorized to be charged to deposit account	
Street Address: 1300 19 th Street, NW City: Washington	☐ Authorized to be charged to deposit account ☐ Enclosed	
	 ☐ Authorized to be charged to deposit account ☑ Enclosed ☐ None required (government interest not affecting title) 	
City: Washington	 ☐ Authorized to be charged to deposit account ☑ Enclosed ☐ None required (government interest not affecting title) 8. Payment Information 	
City: Washington State: D.C. Zip: 20036	 ☐ Authorized to be charged to deposit account ☑ Enclosed ☐ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers 	
City: Washington State: D.C. Zip: 20036 Phone Number: (202) 659-9076	 ☐ Authorized to be charged to deposit account ☑ Enclosed ☐ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _ Expiration Date 	
City: Washington State: D.C. Zip: 20036 Phone Number: (202) 659-9076 Fax Number: (202) 659-9344 Email Address: 9. Signature:	□ Authorized to be charged to deposit account □ Enclosed □ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-2220 Authorized User Name John E. Holmes April 5, 2005	
City: Washington State: D.C. Zip: 20036 Phone Number: (202) 659-9076 Fax Number: (202) 659-9344 Email Address: Signature:	□ Authorized to be charged to deposit account □ Enclosed □ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-2220 Authorized User Name John E. Holmes April 5, 2005 Date	
City: Washington State: D.C. Zip: 20036 Phone Number: (202) 659-9076 Fax Number: (202) 659-9344 Email Address: 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	□ Authorized to be charged to deposit account □ Enclosed □ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-2220 Authorized User Name John E. Holmes April 5, 2005	

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT REEL: 016475 FRAME: 0386

ASSIGNMENT

WHEREAS, We, (1) Hyun-surk KIM; and (2) Hyeong-chae KIM, all citizens of the Republic of Korea, residing respectively at (1) 622-801 Shinnamushil Dongbo Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do,, Republic of Korea; and (2) 157-402 Kumho Bestvill 1-danji Apt., 827 Sanghyun-dong, Yongin-si, Gyeonggi-do, Republic of Korea, have made a certain invention entitled "POLYGONAL MIRROR APPARATUS" for which we are making application for Letters Patent of the United States, which application has been executed concurrently herewith; and

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all United States Letters Patent to be obtained on said invention and/or application:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States; and in, to and under the aforesaid United States application and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in the United States; and our right to file said foreign applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in the United States, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

ASSIGNMENT

PATENT REEL: 016475 FRAME: 0387

The undersigned hereby grant the firm of Roylance, Abrams, Berdo & Goodman the nower to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.		
IN WITNESS WHEREOF, I have, March, 2005.	hereunder set my hand and seal this 27thday of	
	Huun-surk KIM	
	Hyun-surk KIM	
	Hymn-surk mare	
Witness		
IN WITNESS WHEREOF, I have March , 2005.	hereunder set my hand and seal this 27th day of	
	Hreong-Chap Kim	
	Hyeong-Chae Kim Hyeong-chae KIM	
	· -	
Witness		
A C C (C N I M C N)		
ABSIGNMENT	2	

10: #052886288

RECORDED: 04/05/2005

PATENT REEL: 016475 FRAME: 0388

NAR-28-2005 14:37 FROM: