

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Sung-Ho SHIN		05/08/2006
RECEIVING PARTY DATA		
Name:	Samsung Electronics Co., Ltd.	
Street Address:	416 Maetan-Dong, Yeongtong-Gu, Suwon-Si	
City:	Gyeonggi-do	
State/Country:	KOREA, REPUBLIC OF	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11428813	
CORRESPONDENCE DATA		
Fax Number:	(503)274-4622	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	503-222-3613	
Email:	docketing@techlaw.com	
Correspondent Name:	Marger Johnson & McCollom, P.C.	
Address Line 1:	210 SW Morrison Street, Suite 400	
Address Line 4:	Portland, OREGON 97204	
ATTORNEY DOCKET NUMBER:	9898-508	
NAME OF SUBMITTER:	Craig R. Rogers	
Total Attachments: 2		
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OP \$40.00 11428813

PATENT APPLICATION
Docket No.: 9898-508
Client Ref. No.: SS-25344-US

ASSIGNMENT

U.S.A. Patent Application
Sole or Joint
For Inventions Made Outside U.S.A.
Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

(1) **Sung-Ho SHIN**

☒ X if continued on separate page

the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:

**SAMSUNG ELECTRONICS CO., LTD.
416 MAETAN-DONG, YEONGTONG-GU
SUWON-SI, GYEONGGI-DO
REPUBLIC OF KOREA**

(hereinafter designated "ASSIGNEE") the entire right, title and interest in and to the invention as defined in 35 USC §100, for the United States of America, the invention entitled:

**METHOD AND APPARATUS FOR MEASURING ABRASION AMOUNT AND PAD
FRICTION FORCE OF POLISHING PAD USING THICKNESS CHANGE OF
SLURRY FILM**

for which an application for Letters Patent of the United States of America has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.



Please sign
concurrently
with Oath or Declaration
and Power of Attorney

SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSED</u>
(1) <u>ASR</u> Sung-Ho SHIN	<u>2006.5.8.</u>	<u> </u>

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom
Marger Johnson & McCollom
210 S.W. Morrison Street, Suite 400
Portland, OR 97204

