FORM PTO-1595 (mod (Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

11-22-2006



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U.SZDEPARTMENT OF COMMERCE **Patent and Trademark Office** NOV 17 2006

To the Honorable Commissioner of Patents and Trademarks: Please record the attached experial documents or copy thereof.

1. Name of conveying party(ies):

Young-se CHOI, Hyung-tae KIM, Do-hoan NAM, Soo-han PARK, Dovid Azrielevich ARONOVICH, Valentin Vasilievich GUZEEV, Vladimir Borisovich MOZZHUKIHIN, Alexandr Petrovich SINEOKOV, Natalya Alexandrovna USTYUZHANTSEVA, Zyakia Saibasakhovna KHAMIDULOVA

Additional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

Assignment \mathbf{X}

Merger

Security Agreement

Change of Name

Other

Execution Date: August 3, 2006, September 20, 2006 and September 22, 2006

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

11/439,430

B. Patent No.(s)

Additional numbers attached? No

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

Name: Eugene M. Lee

Internal Address: LEE & MORSE, P.C.

Street Address: 3141 Fairview Park Drive, Suite 500

City: Falls Church, State: VA ZIP: 22042

6. Total number of applications and patents involved: One

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

Name: Samsung Electronics Co., Ltd.

Additional name(s) & address(es) attached? No

Street Address: 416 Maetan-dong, Yeongtong-gu,

City: Suwon-si, Gyeonggi-do, REPUBLIC OF KOREA

Internal Address:

7. Total fee (37 C.F.R. 3.41).....\$40.00

Enclosed (PTO-2038)

Authorized to be charged to deposit account any additional

8. Deposit account number: 5-01645

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

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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.

Eugene M. Lee

Name of Person Signing

November 17, 2006

Total number of pages including cover sheet, attachmets, and document: 5 pages attached, incl. cover

Mail documents to be recorded with required cover sheet information to: 32338/14 11439433 Commissioner of Patents & Trademarks, Box Assignments Alexandria, VA. 22313

PATENT

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Name and Address of Assigned	For good and relable considerator, the receipt and milloteney of which are hearty scienowindged. main undersigned inventor has sold and assigned, and by lines precent hearthy sells and assigned and SAMSUNG ENGLACIONALS CO., LTD., A16, Macron-doing Vacongtongs que Surran-si, Opening-dos, Republic of Korea
	(honestration ASMGNET) all right, will and interest for the United Section its territories and possessions in and to the interation relating to

Title at PHOTO-CURABLE ADHESTVE COMPOSITION, OPTICAL PICK-UP DEVICE Investor. USING THE SAME, AND OPTICAL RECORDINGMEPRODUCING DRIVE INCLUDING THE OPTICAL PICK-UP DEVICE as see forth in his United Street Palent Application

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	I Sorial No. 11/439,630 Filed May 24, 2005

to and to mid United Scane Frent Application including any and all divisions or confirmations thereof and in and to any and all Leaners Patent of the United Scanes which may know or any and application or for add invention, lexitating only and all exposures or commontant thereof, to be half and anjoyed by soid ASSIGNEP, he accessors, legal representatives and exciton to the full end of the reason or larges for which any and all such Leaner Patent may be granted as fully and training as would have been held and enjoyed by the undustreed had this Astignment not been made;

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NAMES AND SIGNATURES OF INVENTORS			
Name Found of CHOY	Signature:	Date: 06/4/20	
Name: Hywag-m; KIM	Signature /6	Date: 06/4/20	
NAME DO LOGS NAM	Signature	· (Dates	
Name: Sooken PARK	Signature:	Deter	
None: Dodd Acticleich ARONOVICH	Signemic	Date:	
Names, Valentin Vesiliovich GULKEV	Signature	Dates	
Nun Vied into Borisopich MOZZHUKHIN	Signatum:	Date	

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249/603

U.S. Rights-Sole or John

ASSIGNMENT

Name and Address of Assignee	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto SAMSUNG ELECTRONICS CO., LTD., 416, Mactan-dong, Veengtong-gu Suwon-si, Greonggi-do, Republic of Korea
	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

Title of Invention PHOTO-CURABLE ADHESIVE COMPOSITION, OPTICAL PICK-UP DEVICE USING THE SAME, AND OPTICAL RECORDING/REPRODUCING DRIVE INCLUDING THE OPTICAL PICK-UP DEVICE as set forth in his United States Patent Application

	☐ executed concurrently herewith
Check One	[] executed on
	x Serial No. <u>11/439,430</u> Piled <u>May 24, 2006</u>

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be hold and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Buch of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance between:

Each of the undersigned warrants and coverants that he has the full and unconcumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful ceths, testify in any legal proceedings and perform all other lawful acts deemed recessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and communications thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, logal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grams the firm of LEE & MORSE, P.C. the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Young-se CHOI	Signature:	Date:
Name: Hyung-tae KIM	Signature:	Date:
Name: Do-hoan NAM	Signature: V HV	Date: 06/09/22
Name: Soo-han PARK	Signature:	Date:06/09/22
Name: Dovid Azrielevich ARONOVICH	Signature:	Date:
Name: Valentin Vasilievich GUZEEV	Signature:	Date:
Name: Vladimir Borisovich MOZZHUKHIN	Signature:	Date:

PATENT REEL: 018591 FRAME: 0708

ASSIGNMENT

Name and Address of Assignee	For good and valuable consideration, the receipt and sufficiency of which are here in acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigned, unto SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Xeongtong-gu Suwon-si, Gyeonggi-do, Republic of Korea
	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

Invention USING THE SAME, AND OPTICAL RECORDING/REPRODUCING INCLUDING THE OPTICAL PICK-UP DEVICE as set forth in his United States Patent Application	G DRIVE
as set routh in the Onice Seems 2 seem Application	

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	x Serial No. <u>11/439,430</u> Piled <u>May 24, 2006</u>

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be hold and enjoyed by said ASSIGNEB, its successors, legal representatives and assigns to the full ond of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been hild and enjoyed by the undersigned had this Assignment not been made;

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Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict? Exewith:

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, in successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful eaths, testify in any legal proceedings and perform all other lawful acts do used necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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Name: Young-se CHOI	Signature:	Date:
Name: Hyung-tue KIM	Signature:	Date:
Name: Do-hoan NAM	Signature:	Date:
Name: Soo-kan PARK	Signature:	Date:
Name: Dovid Azrielevich ARONOVICH	Signature: Spurms	Date: 03.08.2006
Name: Valentin Vasilievich GUZEEV	Signature: PS Back	Date: 03,08,2006
Name: Vladimir Borlsovich MOZZHUKHIN	Signaturo:	Date: 08.00

RECORDED: 11/17/2006

PATENT

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