Farm PTO-1595 (8cm 09-04) CMB No. 0681-0027 (6xp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCI United States Pakent and Trademark Office
RECORDATION FOR	- A-A/A/A-A-A-A/A/A-A-A-A-A/A
PATENTS	SONLY
To the Director of the U.S. Patent and Trademark Office, Please	record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s): DONG-RYUL KIM (03/30/2009), BOONG-GOON JEONG (63/30/2009), DAE-WOO NAM (03/30/2009), AND MYEONG-GEUN KO (03/30/2009) Execution Date(s): in parentheses after inventor name. Additional name(s) of conveying party(ies) naticided? Security Agricular Merger Security Agricular Change of Name Government interest Assignment Executive Order 9424, Confirmatory License	2. Name and address of receiving party(les) Name: L.G.CHEM, L.TD. Internal Address: Street Address: L.G.TWIN TOWERS 20, YEOUIDO-DONG YEONGDEUNGPO-GU City: SEOUI. Strate: Country: Republic of Korea Zip: 150-721
Other	Additional name(s) & address(es) Yes X No
A Patent Application No (s) 12/319,472 Additional numbers attached	B. Patent No.(5)
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Namo: Kelly Y. Hwang LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt., LGCHEM 3.0-056	Authorized to be charged by credit card
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account Enclosed None required (government interest not affecting fille)
City: Westfield	8. Fayment Information
State. N.J. Zip: 07090 Phone Number. (908) 518-6320	a Credit Card Last 4 Numbers
Phone Number. (908) 518-5320 Fax Number. (908) 654-0415	b Deposit Account Number 12-1095
Email Address: khwang@ldlkm.com	Authorized User Name Kelly Y. Hwang
9. Signature:	April 7, 2009
Kelly Y. Hwang - 51,831	Total number of pages including cover sheet, attachments, and documents.
Name of Person Signing	The state of the s

Harrist Co. Landing

PATENT REEL: 022490 FRAME: 0996

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvement

OPTICAL FILM AND INFORMATION TECHNOLOGY APPARATUS COMPRISING THE SAME

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, LG Chem. Ltd., a corporation of Republic of Korea, with offices at 20, Youngdungpo-gu, Scoul, 150-721, Republic of Korea (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in suid invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforestid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encombrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the application number and filing date of this application in the spaces that follow: Application Number: $\frac{12/319.472}{12/319.472}$; Filing Date: $\frac{11/7/2009}{12/319.472}$

This assignment executed on the dates indicated below.

KIM, Dong-Rvol	<u> </u>
Name of First or Sole Inventor	Execution Date of U.S. Patent Application
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Signature of First or Sole Inventor	Date of this Assignment

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Signature of Second Joint Inventor	Date of this Assignment
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NAM, Dae-Woo	· · · · · · · · · · · · · · · · · · ·
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Signature of Third Joint Inventor	Date of this Assignment
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Residence of Fourth Joint Inventor .	
qui	March 30, 2000 Date of this Assignment
Signature of Fourth Joint Inventor	Date of this Assignment