A/D 581.40

10/593166 Express Mail No. EV 475 143 193 US

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09-26-2						
	Attorney Docket Number 11281-115-999					
Dit. 1033119	946 Office					
P.O. Box 1 Alexandria, VA 2:						
Please record the attached original documents or copy thereof.						
Name of conveying party(ies): Duk-Jin Oh	2. Name and address of receiving party(ies):					
Jong-Cheol Kim	Name: <u>LS Cable Ltd</u>					
Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No	Address: 19-20F ASEM Tower 159 Samsung-dong					
3. Nature of conveyance:	Gangnam-gu Seoul 135-090					
3. Ivalue of conveyance.						
☑ Assignment Merger	Country (if other than USA): Republic of Korea Zip Code:					
Security Agreement Change of Name	,					
Joint Research Agreement	10/593166					
Government Interest Assignment	101313126					
Executive Order 9424, Confirmatory License						
Other						
Execution Date: April 27, 2006	Additional name(s) & address(es) attached? ☐ Yes ☐ No					
4. Application number(s) or patent number(s):						
If this document is being filed together with a new application, the execution	n date of the application is: April 27, 2006					
A. Patent Application No.(s)	B. Patent No.(s)					
Additional numbers attached? Yes No						
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved:					
JONES DAY 222 East 41st Street	7. Total fee (37 CFR 3.41):\$40 Please charge to the deposit account listed in Section 8.					
New York, New York 10017	Deposit account number:					
	<u>50-3013</u>					
DO NOT USE THIS SPACE						
9. Statement and signature.						
To the best of my knowledge and belief, the foregoing information is tru	e and correct and any attached copy is a true copy of the original					
To the best of my knowledge and belief, the foregoing information is true document.						
For Brian Rothery 35,340	September 15, 2006					
By Lawrence R. Gabuzda Name of Person Signing Signature Signature	Date					
22/2006 LLANDGRA 0000 004 4 503013 10593 66	Total number of pages including cover sheet: 2					
40.00 DO Mail documents to be recorded with re-	quired cover sheet information to:					
Mail Stop Assignment R Director of the United States Pa P.O. Box	tent and Trademark Office					
P.O. 503	273.2 1450					

Alexandria, VA 22313-1450 Or fax documents to Fax No.: 571-273-0140

NYJD-1636747v1

ASSIGNMENT

WHEREAS, I(WE) OH. Duk-Jin. KIM: Jong-Cheol ASSIGNOR(S), citizens of Republic of Korea, residing at 555. Hogye 1-dong, Dongangu, Anyang-si, Gyeonggi-do 431-831. Republic of Korea: 555. Hogye 1-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-831. Republic of Korea are the inventors of the invention in

INSTALLATION METHOD OF OPTICAL FIBER COMPOSITE ELECTRIC POWER CABLE AND CABLE STRUCTURE THEREFOR for which we have executed an application for a Patent of the United States

which	is executed on		even date herewit	h or	
which	is identified by	Jones Dag	y docket no.		
which	was filed on	, A	Application No.		
				ney, , of Jones Day, , to insert here in parentheses ng date and application number of said application when know	
offices at	19-20F ASEM	Tower 1	159 Samsung-dong	zed and existing under the laws of Republic of Korea, and I. Gungnam-gu. Seoul 135-090 Republic of Korea, ASSIGN der the said invention and the said application:	
consideration these properties of the continuation applications which may such applic of the Unit domestic lancluding,	on, the receipt of esents do hereby ight, title and in the reof, and is for industrial thereafter be first ations and the red States, the laws of the count without limitations.	of which is y sell, assisterest in, all Patent property led for sa right to cla internation try in whiten, patent	s hereby acknowled sign, transfer and set to and under the sat ts of the United Stat protection, included aid invention in any aim for the same the nal Convention for the any such applicats, utility models, i	the sum of One Dollar (\$1.00) to us in hand paid, and other alged, we, the said ASSIGNORS, have sold, assigned, transferred tover, unto the said ASSIGNEE, its successors, legal represent invention, and the said United States application and all divides which may be granted thereon and all reissues and extensing, without limitation, all applications for patents, utility more countries foreign to the United States, together we priority rights derived from said United States application under the Protection of Industrial Property, or any other international ation is filed, as may be applicable; and all forms of industrial extensions, renewals and reissues thereof;	ed and set over, and attatives and assigns, isions, renewals and ions thereof; and all nodels, and designs with the right to file der the Patent Laws al agreement or the property protection.
of any cour	ntry or countries	s foreign t as afores	to the United States said, to issue the s	e Commissioner of Patents and Trademarks of the United State, whose duty it is to issue patents or other evidence or forms of ame to the said ASSIGNEE, its successors, legal representation	f industrial property
A not execute	ND WE HERE	BY cover	nant and agree that any agreement in co	we have full right to convey the entire interest herein assigned nflict herewith.	d, and that we have
representat	ives and assign	s, any fac	ets known to us res	agree that we will communicate to the said ASSIGNEE, it pecting said invention, and testify in any legal proceeding, sig applications, make all rightful oaths, and generally do everythes and assigns, to obtain and enforce proper protection for s	hing possible to aid
IN	N TESTIMONY W	HEREOF.	We hereunto set our ha	nds and seals the day and year set opposite our respective signatures.	
				6hM	_L.S.
Date	April	_27	, 2006	OH Duk-Jin	
Date	Anril	27	, 2006		_L.S.
Date			 -	MM Jong-Cheol	

PATENT REEL: 018327 FRAME: 0668

JOINT

ASSIGNMENT

WHEREAS, I(WE) OH. Duk-Jin. KIM: Jong-Cheol ASSIGNOR(S), citizens of Republic of Korea, residing at 555. Hogye 1-dong. Dongangu. Anyang-si, Gyeonggi-do 431-831. Republic of Korea: 555. Hogye 1-dong. Dongan-gu, Anyang-si, Gyeonggi-do 431-831. Republic of Korea are the inventors of the invention in

INSTALLATION METHOD OF OPTICAL FIBER COMPOSITE ELECTRIC POWER CABLE AND CABLE STRUCTURE THEREFOR for which we have executed an application for a Patent of the United States.

for which we have executed an application for a Patent of the United States
which is executed on even date herewith or
which is identified by Jones Day docket no.
which was filed on , Application No.
We hereby authorize and request our attorney, , of Jones Day, , to insert here in parentheses (Application number,) the filing date and application number of said application when known.
and WHEREAS, LS Cable Ltd., a corporation organized and existing under the laws of Republic of Korea, and having its principal offices at 19-20F ASEM Tower 159 Samsung-dong, Gangnam-gu, Scoul 135-090 Republic of Korea, ASSIGNEE is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof:
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF. We hereunto set our hands and seals the day and year set opposite our respective signatures.
\mathcal{M} . L.S.
Date April 27 , 2006
Date April 27 , 2006 L.S.

RECORDED: 09/15/2006

PATENT REEL: 018327 FRAME: 0669