

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2784297

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BEUM-GEUN CHO	03/18/2014
MYUNG-HUN SONG	03/18/2014
SUNGJIN BYUN	03/18/2014
SUN-IK LEE	03/18/2014
SANG-WOO KIM	03/18/2014
JINSOO SUGN	03/10/2014
JONG-YEONG LIM	03/10/2014
CHAN PARK	03/10/2014
EUN-HO LEE	03/06/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SK TELECOM. CO., LTD.
<b>Street Address:</b>	11, EULJIRO 2-GA, JUNG-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	100-999
<b>Name:</b>	HFR, INC.
<b>Street Address:</b>	5F, HANAEZ TOWER, 158, GUMI-DONG, BUNDANGGU
<b>City:</b>	SEONGNAM-SI, GYEONGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	463-870
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14347111
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)518-5499
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	7036841111
<b>Email:</b>	yshgroup@ipfirm.com
<b>Correspondent Name:</b>	LOWE HAUPTMAN & HAM, LLP
<b>PATENT</b>	

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Address Line 2:	SUITE 1400
Address Line 4:	ALEXANDRIA, VIRGINIA 22314

NAME OF SUBMITTER:	YOON S. HAM
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SIGNATURE:	/Yoon S. Ham/
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DATE SIGNED:	03/25/2014
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**Total Attachments: 6**

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Docket No.:

## ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby **acknowledged, the undersigned,**

- 1) **Beum-Geun CHO**
- 2) **Myung-Hun SONG**
- 3) **Sungjin BYUN**
- 4) **Sun-Ik LEE**
- 5) **Sang-Woo KIM**
- 6) **Jinsoo SUNG**
- 7) **Jong-Yeong LIM**
- 8) **Chan PARK**
- 9) **Eun-Ho LEE**

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

SK TELECOM.CO., LTD, a Korean Corporation having a place of business at 11, Euljiro 2-ga, Jung-gu, Seoul 100-999, Republic of Korea

HFR, INC., a Korean Corporation having a place of business at 5F, HanaEZ Tower, 158, Gumi-dong, Bundang-gu, Seongnam-si Gyeonggi-do 463-870, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

### **METHOD FOR SHARING OPTICAL FIBER FOR CLOUD-BASED WIRED AND WIRELESS ACCESS NETWORK, AND SYSTEM AND APPARATUS FOR SAME**

- (a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Patent Application No. \_\_\_\_\_; or
- (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property 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 transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.


SIGNED on the date indicated aside my signature:

1)   
Name: **Beum-Geun CHO**

March . 18. 2014.  
Date:

2)   
Name: **Myung-Hun SONG**

March . 18. 2014.  
Date:

3)   
Name: **Sungjin BYUN**

March , 18 , 2014  
Date:

4) Sun-ik Lee  
Name: **Sun-Ik LEE**

March . 18 . 2014  
Date:

5) Sang Woo Kim  
Name: **Sang-Woo KIM**

March 18 , 2014  
Date:

6) \_\_\_\_\_  
Name: **Jinsoo SUNG**

\_\_\_\_\_  
Date:

7) \_\_\_\_\_  
Name: **Jong-Yeong LIM**

\_\_\_\_\_  
Date:

8) \_\_\_\_\_  
Name: **Chan PARK**

\_\_\_\_\_  
Date:

9) \_\_\_\_\_  
Name: **Eun-Ho LEE**

\_\_\_\_\_  
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AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) \_\_\_\_\_  
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\_\_\_\_\_  
Date:

2) \_\_\_\_\_  
Name: Myung-Hun SONG

\_\_\_\_\_  
Date:

3) \_\_\_\_\_  
Name: Sungjin BYUN

\_\_\_\_\_  
Date:

4) \_\_\_\_\_  
Name: Sun-Ik LEE

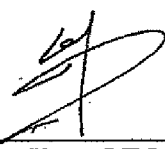
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5) \_\_\_\_\_  
Name: Sang-Woo KIM

\_\_\_\_\_  
Date:

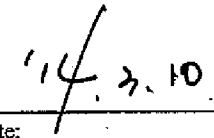
6) Jinsoo Seong  
Name: Jinsoo SUNG

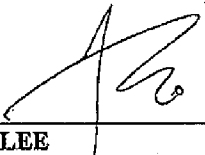
2014. 3. 10  
Date:

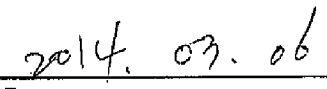
7)   
Name: Jong-Yeong LIM

2014. 3. 10  
Date:

8)   
Name: Chan PARK

  
Date: '14. 3. 10

9)   
Name: Eun-Ho LEE

  
Date: 2014. 03. 06