504169834 01/09/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4216512

| SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT | | |
|---|------|----------------|
| | | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| JINHAN SONG | | 11/15/2012 |
| JEONGYEON LIM | | 11/13/2012 |
| JONGKI HAN | | 10/19/2012 |
| YUNGLYUL LEE | | 10/21/2012 |
| JOOHEE MOON | | 10/11/2012 |
| HAEKWANG KIM | | 10/22/2012 |
| BYEUNGWOO JEON | | 10/18/2012 |
| CHANWON SEO | | 10/22/2012 |
| HYOUNGMEE PARK | | 10/19/2012 |

RECEIVING PARTY DATA

| Name: | SK TELECOM CO., LTD. |
|-----------------|---------------------------|
| Street Address: | 11, EULJIRO 2-GA, JUNG-GU |
| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 100-999 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 15401752 | |

CORRESPONDENCE DATA

| Fax Number: | , , | 518-5499 s mail address first, if that is unsussessful, it will be cent | | | | |
|--|----------------------------|--|--|--|--|--|
| Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail. | | | | | | |
| Phone: | 70368 | 7036841111 | | | | |
| Email: | yshgroup@ipfirm.com | | | | | |
| Correspondent Name: | HAUPTMAN HAM, LLP | | | | | |
| Address Line 1: | 2318 MILL ROAD | | | | | |
| Address Line 2: | SUITE 1400 | | | | | |
| Address Line 4: | ALEXANDRIA, VIRGINIA 22314 | | | | | |
| | | | | | | |
| ATTORNEY DOCKET NUMBER: | | 126587-0121CON2 | | | | |
| NAME OF SUBMITTER: | | YOON S. HAM | | | | |

504169834

| SIGNATURE: | /Yoon S. Ham/ |
|--------------------------------|---------------|
| DATE SIGNED: | 01/09/2017 |
| Total Attachments: 12 | |
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| source=F-Assignment#page12.tif | |

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) SONG, Jinhan
- 2) LIM, Jeongyeon
- 3) HAN, Jongki
- 4) LEE, Yunglyul
- 5) MOON, Joohee
- 6) KIM, Haekwang
- 7) **JEON**, Byeungwoo
- 8) SEO, Chanwon
- 9) PARK, Hyoungmee

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, Euliiro 2-ga, Jung-gu, Seoul

100-999, 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

IMAGE ENCODING/DECODING DEVICE AND METHOD

(a) for which an application for United States Letters Patent was filed on ______; or _____; 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:

-iulm 1) Name: SONG, Jinhan

Nov 15 2012

Date:

3) Name: HAN, Jongki

.....

Date: Date:

Date:

Date:

Date:

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Date:

-1

Date:

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· . . .

SIGNED on the date indicated aside my signature:

2) ______

Name: LIM, Jeongyeon

3) ______ Name: HAN, Jongki

5) ______ Name: MOON, Joohee

Date:

2012/11/13

Date:

Date:

Date:

Date:

Date:

Date:

2012 DCt. 22 8) Date: Name: SEO, Chanwon Park hyongue 10.19.2012 9)

Name: PARK, Hyoungmee

Date:

Docket No.:

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|-----|--|------|
| ., | and identified by United States Patent Application No. | ; or |

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SIGNED on the date indicated aside my signature:

1) ________Name: SONG, Jinhan Date: 2) Name: LIM, Jeongyeon Date: 3) <u>Han</u> Name: HAN, Jongki O_{Ct} 2012 Date: Oct. 21, 20/2 4) Date: Name: LEE, Yunglyul *Uet.* /11/2012 Date: sohre 1 Mon 5) Name: MOON, Joohee Oct. 22/20/2 N 6) Date: Name: KIM, Haekwang Date:

8) ______Name: SEO, Chanwon

Date:

Date:

Docket No.:

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SIGNED on the date indicated aside my signature:

5) ______ Name: MOON, Joohee

6) ______ Name: KIM, Haekwang

WOO

Date:

Date:

Date:

Date:

Date:

Date:

Oct. 18, 2012 Date:

Date:

Date:

RECORDED: 01/09/2017