505260297 01/03/2019

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5307069

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| BAE KEUN LEE | 12/18/2018 |

RECEIVING PARTY DATA

| Name: | KT CORPORATION |
|-----------------|---|
| Street Address: | 90, BULJEONG-RO, BUNDANG-GU SEONGNAM-SI |
| City: | GYEONGGI-DO |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 13606 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16314942 | |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 814.0008 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | HYE WON CHUNG |
| SIGNATURE: | /Hye Won Chung/ |
| DATE SIGNED: | 01/03/2019 |

Total Attachments: 2

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> **PATENT** REEL: 047890 FRAME: 0247 505260297

Customer No.: 76277 Attorney Docket No.: 814.0008

ASSIGNMENT

| Application No. 16/314,942 | Filing Date | 01/03/2019 |
|---|---|--|
| For good and valuable consideration acknowledged, the undersigned: | , the receipt and suffic | iency of which is hereby |
| 1) LEE, Bae Keun | | |
| who have made certain new and useful invent | ions, hereby sell, assign | n and transfer to |
| KT CORPORATION | | |
| having an address at 90, Buljeong-ro, Bundang-gu, Seongnam-si, G | Gyeonggi-do 13606, Re | epublic of Korea |
| its successors, assigns and legal representative and interest for the United States and inventions and improvements ("Inventions") | l all foreign countries | |
| METHOD AND APPARATUS FOR PRO | CESSING VIDEO SIC | GNAL , |
| As described in an application for Letters Pate 01/03/2019 and assigned U.S. Pate | | |
| not identified here by filing date and serial nu of this Assignment, and in and to the applications for in the United States and all foreign country privileges under any and all Letters Patent reissues and extensions thereof. | umber, executed on ever cation and all divisions Letters Patent which heries for the Inventions | n date with the execution al, continuing, substitute, ave been or shall be filed, and all the rights and |
| The undersigned agree that when requested expense, sign all papers, take all rightful oath which may be necessary, desirable or conventer forms of protection for the Inventions thereto in Assignee. | ns, make all rightful de enient for securing and | clarations and do all acts d maintaining patents or |
| The undersigned authorize and empower As | | - |

form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

The undersigned hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

Customer No.: 76277 Attorney Docket No.: 814,0008

The undersigned authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

IN WITNESS WHEREOF, we have bereunto signed our name(s) on the day and year set forth below.

INVENTOR DATE

1) <u>OTM</u>2 December 18, 2018

LEE, Bae Keun