506151027 07/13/2020

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | TERMINATION OF PATENT PLEDGE |

CONVEYING PARTY DATA

| Name | Execution Date | |
|-------------------------------|----------------|--|
| KOREA PATENT INVESTMENT CORP. | 07/13/2020 | |

RECEIVING PARTY DATA

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| Postal Code: | 13595 | | |

PROPERTY NUMBERS Total: 5

| Property Type | Number |
|----------------|---------|
| Patent Number: | 9832585 |
| Patent Number: | 9848275 |
| Patent Number: | 9578437 |
| Patent Number: | 9584943 |
| Patent Number: | 9961469 |

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DATE SIGNED: 07/13/2020

Total Attachments: 1

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PATENT 506151027 REEL: 053197 FRAME: 0150

Termination of Patent Pledge

KOREA PATENT INVESTMENT CORP., having a business address at 3304, 37 Gukjegeumyung-ro 2-gil, Yeongdeungpo-gu, Seoul, 97327, Republic of Korea, acknowledges herein that, effective as of July 13, 2020, KOREA PATENT INVESTMENT CORP. released and discharged any and all Patent Pledges in and to patent(s) and/or application(s) listed below and the Patent Pledges of July 13, 2020 between KOREA PATENT INVESTMENT CORP. and WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC., having a place of business at 5th Fl., 216 Hwangsaeul-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 13595, Republic of Korea, was terminated in its entirety.

| | U.S. Application No. | U.S. Patent Application Publication No. | U.S. Patent No. | Title |
|----|----------------------------|---|--------------------|---|
| 1. | 15/124029 | US20170019746A1 | 9832585 | AUDIO SIGNAL PROCESSING METHOD AND APPARATUS |
| 2 | 15/300273 | US20170188174A1 | 9848275 | AUDIO SIGNAL PROCESSING METHOD AND DEVICE |
| 3 | 14/990814 | US20160198281A1 | 9578437 | METHOD AND APPARATUS FOR PROCESSING AUDIO SIGNALS |
| 4 | 15/145822 | US20160249149A1 | 9584943 | METHOD AND APPARATUS FOR PROCESSING AUDIO SIGNALS |
| 5 | 15/022922 | US20160234620A1 | 9961469 | METHOD AND DEVICE FOR AUDIO SIGNAL PROCESSING |

KOREA PATENT INVESTMENT CORP.

| Signature | | _/_ | ****** |
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| CEO | | | |
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| July 13, 20 |)20 | | |
| Date | | | |

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