505893175 01/31/2020

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| JONGPIL PARK | 01/30/2020 |
| YUNHYEONG KIM | 01/30/2020 |
| JAEEUN YANG | 01/30/2020 |
| KIHWAN CHOI | 01/30/2020 |
| CHANMIN PARK | 01/30/2020 |
| JUNGEUN LEE | 01/30/2020 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16778118 |

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| ATTORNEY DOCKET NUMBER: | USG-6355-153 |
|-------------------------|--|
| NAME OF SUBMITTER: | UPDEEP S. GILL |
| SIGNATURE: | /Updeep S. Gill/ |
| DATE SIGNED: | 01/31/2020 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

PATENT REEL: 051766 FRAME: 0319

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Total Attachments: 2

source=6355-153_DECLARATION_ASSIGNMENT#page1.tif source=6355-153_DECLARATION_ASSIGNMENT#page2.tif

PATENT REEL: 051766 FRAME: 0320

Samsung Ref: Ref.: GM-201809-113-1-US0

Document Description: Oath or declaration filed

Attorney Docket Number USG-6385-153
First Named Inventor PARK

| INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) Oeclaration Submitted With Initial Filing | | | |
|---|---|--|--|
| OR | | | |
| Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) | | | |
| ELECTRONIC DEVICE FOR PROVIDING AVATAR ANIMA THEREOF | TION AND METHOD | | |
| (Title of the Invention) | | | |
| As a below named inventor, i hereby declare that: | | | |
| This declaration is directed to: | | | |
| ∑ The attached application, | | | |
| OR | | | |
| United States Application Number or PCT International application number | | | |
| The above-identified application was made or authorized to be made by me. | | | |
| I believe I am the original inventor or an original joint inventor of a claimed invention in the application | 1. | | |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both. | | | |
| WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application idea | tified above. | | |
| WHEREAS, Samsung Electronics Co., Ltd. (hereinafter ASSIGNEE), a corporation having Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of Korea, | | | |
| MOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America achieres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention. | | | |
| ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and in any improvements, and applications for patents based thereon, growing out of or related to the said invention. | | | |
| ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal full protection and title in and to the invention hereby transferred; and | representatives, deemed essential to ASSIGNEE'S | | |
| ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to executifling and granting of foreign applications and the perfecting of fittle thereto in ASSIGNEE. | e any and all papers desired by ASSIGNEE, for the | | |
| AGREED and executed as noted below: | | | |
| LEGAL NAME OF SOLE OR FIRST INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Sumame) | | | |
| Jongpil | PARK | | |
| Inventor's Signature: | Dete: | | |
| Johns Park | Jan 30 2020. | | |

[5] Additional inventors are being named on the 1 supplemental sheet(s)

Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] §1.56

(Page 1 of 2)

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| SUPPLEMENTAL SHEET FOR DECLARATION Supplemental Sheet | LINVENIUK(5) et (Page 2 of 2) |
|---|----------------------------------|
| Legal Name of Additional Joint Inventor, if any: | XX 33 53. |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Yunhyeong | KIM |
| Inventor's Signature. Yun 11460119 K(n) | Date: 30 2020 |
| Legal Name of Additional Joint Inventor, if any: | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Jaeeun | YANG |
| Inventor's Signature: Signature: Signature: NECHA | Date: 30,2020 |
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| (E.g., Given Name (first and middle (if any)) and Family Name or Sumame) | |
| Kihwan | CHOI |
| Inventor's Signature: Kihwan Chol | Date: Jan 30 , 2020 |
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| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Chanmin | PARK |
| Inventor's Signature: Cham ami Paulc | Date: Jan 30 , 2010 |
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| (E.g., Given Name (first and middle (if any)) and Family Name or Surname) | |
| Jungeun | LEE |
| Inventor's Signature: | Date: Jam 30 12020 |

PATENT REEL: 051766 FRAME: 0322

RECORDED: 01/31/2020