506293582 10/07/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6340330

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| CHUNG SOCK CHOI | 07/08/2020 |
| SUNMI KANG | 07/08/2020 |
| CHEOL JANG | 07/08/2020 |
| SUNYOUNG JUNG | 07/09/2020 |
| HYUNHO KIM | 07/08/2020 |
| SANGHWAN CHO | 07/08/2020 |

RECEIVING PARTY DATA

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| City: | YONGIN-SI | |
| State/Country: | KOREA, REPUBLIC OF | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17065472 |

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| ATTORNEY DOCKET NUMBER: | P9117US00 |
|-------------------------|------------------------------------------------------------|
| NAME OF SUBMITTER: | HAE-CHAN PARK |
| SIGNATURE: | /hae-chan park/ |
| DATE SIGNED: | 10/07/2020 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

PATENT REEL: 054003 FRAME: 0030

Total Attachments: 4

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PATENT REEL: 054003 FRAME: 0031



ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

| As a below r | named inventor and Assignor, I declare that: | |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| This assignr | nent and declaration are directed to: | |
| Korean Pate | ber <u>P9117US00</u> ("Application"), which claims priority from: ent Application No. <u>10-2019-0131827</u> , filed <u>October 23, 20</u> | <u>19</u> and |
| | As amended on | (if applicable); |
| The above-is | dentified Application was made or authorized to be made t | oy me. |
| I believe tha Application. | t I am the original inventor or an original joint inventor of a | claimed invention |
| | | |
| | | |
| Whereas, A | ssignor desires to convey all rights, titles, and interests i | n and to the same |
| | Samsung Display Co., LTD. 1, Samsung-ro, Giheung-gu Gyeonggi-do Yongin-si Republic of Korea | |
| Samsung D | isplay Co., LTD. herein further referred to as ("Assignee" |). |
| | This assigns docket numi Korean Pate Korean Pate The above-i I believe tha Application I hereby ack able under 1 Whereas, A acture, compation, Whereas, A | docket number P9117US00 ("Application"), which claims priority from: Korean Patent Application No. 10-2019-0131827, filed October 23, 20 Korean Patent Application No. 10-2020-0034290, filed March 20, 2020 As amended on The above-identified Application was made or authorized to be made to be likely that I am the original inventor or an original joint inventor of a application. I hereby acknowledge that any willful false statement made in this decable under 18 U.S.C. § 1001 by fine or imprisonment of not more than acture, compositions of matter, and/or improvements thereof ("Inventionation," Whereas, Assignor desires to convey all rights, titles, and interests in Samsung Display Co., LTD. 1, Samsung-ro, Giheung-gu Gyeonggi-do Yongin-si |

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including

SDC Ref No. LO-201911-097-1-USO Attorney Ref No.

P9117US00

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM KORYO IP & LAW

(without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

| First Inventor's and Assignor's Name: | | CHUNG SOCK CHOI | | |
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| in in Superior | | | | |
| SDC Ref No. | LO-201911-097-1-US0 | Attorney Ref No. P9117US00 | | |
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6.2476142626876

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| | | | |

Attorney Ref No. LO-201911-097-1-USO COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM KORYO IP & LAW



Docket No. P9117US00

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SDC Ref No. LO-201911-097-1-USO Attorney Ref No. P9117US00

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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Page 6 of 5

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