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| To the Honorable Commissioner of Paten | 3 original documents or copy thereof. | | |
| 1. Name of conveying party(ies): | receiving party(ies) | | |
| | 509904 | | |
| Jeong-Eui HONG | Name: Hyundai Electronics Industries Co., Ltd. | | |
| Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: | Internal Address: | | |
| 3. Nature of conveyance. | Street Address: San 136-1, Ami-Ri, Bubal-Eub, Ichon-Shi | | |
| ☐ Assignment ☐ Merger | | | |
| Security Agreement Change of Name | City: Kyoungki-Do State: ZIP: | | |
| Change of Name | Country: Korea Postal Code: | | |
| ◯ Other: Correction of assignee's name to "Hyundai Electronics Industries Co., Ltd.", thereby corresponding to the name on the executed Assignment | Additional name(s) & address(es) attached? Yes No | | |
| Execution Date: June 15, 2000 | | | |
| 4. Application number(s) or patent number(s): 09/610,887 | | | |
| If this document is being filed together with a new application, the exec | aution date of the application is: | | |
| A. Patent Application No(s). | B. Patent No.(s) | | |
| 09/610,887 | | | |
| | | | |
| Additional numbers atta 5. Name and address of party to whom correspondence concerning | ched? Yes No 6. Total number of applications and patents involved: 1 | | |
| document should be mailed: | 7. Total fee (37 C.F.R. § 3.41): \$40.00 | | |
| Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP | ⊠ Enclosed | | |
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| Internal Address: | Authorized to be charged to deposit account | | |
| Street Address: P.O. BOX 747 | 8. Deposit account number: 02-2448 | | |
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| 72000 NTHAI1 00000206 09610887 | $\neg \frown$ | | |
| | /// Idala | | |
| Terry L. Clark, #32,6440.00 DP Name of Person Signing/Reg. No. | Signature Date | | |
| Total number of pages including cover | er sheet, attachments, and document: 8 | | |
| | | | |

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, DC 20231

Atty. Docket No.: 630-992P Page 1 of 1

| Please record the attached of | | | 9. |
|--|---|--|--|
| 1. Name of conveying party(ies): | 1 | address of receiving party(ies) | 000 |
| Additional name(s) of conveying party(ies) attached? YES NO Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Date: June 15, 2000 4. Application number(s) or patent number(s): | Internal A Street Ad City: Ich Country: Additional na | dress: San 136-1. Ami-Ri, Bubal-Eub on-Shi State: Kyoungki-do Korea Postal Code: ame(s) & address(es) attached? YES | ZIP: |
| If this document is being filed together with a new application, t June 15, 2000 | | | |
| A. Patent Application No(s). New | B. Patent No | 09610887 | |
| New Additional numbers atta | iched? YE | S ⊠ NO | |
| New Additional numbers atta | iched? YE | S NO NO of applications/patents involved: One (1 |) |
| New Additional numbers atta 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 | 6. Total No. 7. Total fee Enclosed Authoriz | S NO of applications/patents involved: One (1) (37 C.F.R. § 3.41): \$40.00 If the ded to be charged to deposit account, attached. |) |
| New Additional numbers atta 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 | 6. Total No. 7. Total fee Enclosed Authoriz | S NO of applications/patents involved: One (1) (37 C.F.R. § 3.41): \$40.00 ded to be charged to deposit account, attached. ccount number: 02-2448 | <u>) </u> |
| New Additional numbers atta 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 | 6. Total No. 7. Total fee Enclosed Authoriz | S NO of applications/patents involved: One (1) (37 C.F.R. § 3.41): \$40.00 If the ded to be charged to deposit account, attached. | |
| Additional numbers atta 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 Country: USA | 6. Total No. 7. Total fee Enclosed Authoriz | S NO of applications/patents involved: One (1) (37 C.F.R. § 3.41): \$40.00 ded to be charged to deposit account, attached. ccount number: 02-2448 (Attach triplicate copy of this page if paying by deposit account) |) |

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(Rev. 04/19/2000)

PATENT REEL: 011208 FRAME: 0751

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ATTORNEY DOCKET NO. 0630-0992P

ASSIGNMENT

| | Application No. New | Filed July | 6, | <u>2</u> 000 |
|---------------------------------------|--|---|--|-----------------------|
| Insert Name(s) of Inventor(s) | WHEREAS, Jeong-Eui HONG | | | _ |
| | | | | |
| | (hereinafter designated as the undersigned) has (have) invented certain new and usefu | | | |
| Insert Title of Invention | INTERCONNECTION OF A SEMICONDUCTOR DEVICE AND | A METHOD | OF | |
| | FORMING THEREOF for which an application for Letters Patent of the United States of America has been except in the case of a provisional application). | | | ed. |
| Insert Date of Signing of Application | on June 15, 2000 | | ; ar | nd |
| r ;ert Name of Assignee | WHEREAS, Hyundai Electronics Industries Co. | , Ltd. | | |
| nsert Address | | | | |
| of Assignee | of San 136-1, Ami-Ri, Bubal-Eub, Ichon-Shi, Kyo | | | |
| CHECK BOX F APPROPRIATE | its heirs, successors, legal representatives and assigns (hereinafter designated as the acquiring the entire right, title and interest in and to said invention and in and to a may be granted therefor in the United States of America and in any and all foreign countries. | | | |
| | NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the paid, the receipt of which is hereby acknowledged, and other good and valuable consideration has (have) sold, assigned and transferred, and by these presents does sell, assign Assignee the full and exclusive right to the said invention in the United States of dependencies and possessions and the entire right, title and interest in and to any; which may be granted therefor in the United States of America, its territories, dependencies above is designated, in any and all foreign countries; | eration, the unde and transfer ur America, its terr and all Letters Pr | rs gne ito sai itorie itent(s | rd id rs. s` |

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

terms for which the same may be granted.

PATENT

REEL: 011208 FRAME: 0752

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date | Ime 15, 2000 | Name of Inventor | r Jeony Eui Hong (signature) |
|------|---------------------------------------|------------------|------------------------------|
| Date | | | r(signature) |
| Date | · | | r(signature) |
| Date | | | (signature) |
| Date | · · · · · · · · · · · · · · · · · · · | | (signature) |
| Date | · · · · · · · · · · · · · · · · · · · | Name of Inventor | (signature) |

RECORDED: 10/03/2000

PATENT REEL: 011208 FRAME: 0753