11-19-2003 DOCKET: CU-3436 RJS U.S. DEPARTMENT OF COMMERCE Form **PTO-1595** REC U.S. Patent and Trademark Office (Rev. 10/02) 102604111 OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇒ ⇒ ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Name: HYNIX SEMICONDUCTOR INC. HAN, Seung Hee Internal Address: ___ Additional name(s) of conveying party(ies) attached? The Yes the No 3. Nature of conveyance: Assignment Merger Street Address: San 136-1, Ami-ri, ☐ Change of Name **Security Agreement** Bubal-eub, Ich'on, Kyoungki-do, Other_ Republic of Korea State: City:____ Execution Date: October 30, 2003 Additional name(s) & address(es) attached? 📮 Yes 🔼 No 4. Application number(s) or patent number(s): October 30, 2003 If this document is being filed together with a new application, the execution date of the application is:_ A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$_40.00 Richard J. Streit Enclosed Internal Address: Authorized to be charged to deposit account 8. Deposit account number: Street Address: c/o Ladas & Parry 12-0400 224 South Michigan Avenue (Attach duplicate copy of this page if paying by deposit account) State: IL __Zip: 60604 City: Chicago DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and eorgect and any attached copy is a true copy of the original document. Richard J. Streit ovember 10, 2003

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Total number of pages including cover sheet, attachments, and documents: 3 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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Name of Person Signing

PATENT REEL: 014697 FRAME: 0319

Date

UNITED STATES OF AMERICA ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

ASSIGNOR:

Name: Seung Hee HAN

Address: LP2 Team, System IC, Hynix Semiconductor Inc., Hyangjeong-dong, Heungdeok-

gu, Cheongju, Chungcheongbuk-do, Korea

(INVENTOR NAME AND ADDRESS)

hereby sells, assigns and transfers to

ASSIGNEE:

Name: Hynix Semiconductor Inc.

Address: San 136-1, Ami-ri, Bubal-eub, Ich'on, Kyoungki-do, Korea

(ASSIGNEE NAME AND ADDRESS)

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the invention entitled:

METHOD FOR FORMING METAL WIRING OF SEMICONDUCTOR DEVICE

(TITLE)

and which is found in (check one applicable item below)

| X U.S. patent application execu | ited on even date herewith | |
|---------------------------------|----------------------------|--|
| U.S. Application Serial No. | filed on | |

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby convenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further convenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify

PATENT REEL: 014697 FRAME: 0320 as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

| October 30, 2003 | Soung Hee, Han INVENTOR: Seung Hee HAN | |
|------------------|--|--|
| Date | INVENTOR: Seung Hee HAN | |
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| Date | INVENTOR: | |
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PATENT REEL: 014697 FRAME: 0321