| Atty. Docket No.: | 0630-1297P  |  |  |  |
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|                   | Page 1 of 1 |  |  |  |

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| KEU-101932/28   | R SHEET   |
|---|---|
|   | er of Patents and Trademarks: inal documents or copy thereof.   |
| 1. Name of conveying party(ies):  KIM, Yong Hwan    Solution   No.   Nature of conveying party(ies)   No.    3. Nature of conveyance:       | 2. Name and address of receiving party(ies)  Name: HYNIX SEMICONDUCTOR, INC.  Internal Address:  Street Address: San 136-1, Ami-Ri, Bubal-Eub, Ichon-Shi City: Kyoungki-Do State: ZIP:  Country: Korea Postal Code:  Additional name(s) & address(es) attached?   YES  NO |
| Assignment  |   |
| <ul><li>4. Application number(s) or patent number(s):</li><li>If this document is being filed together with a new application, th</li></ul> | e execution date of the application is: December 21, 2001   |
| A. Patent Application No(s).  | B. Patent No.(s).   |
| Additional numbers attacts. Name and address of party to whom correspondence concerning document should be mailed:                          | hed? YES NO  6. Total No. of applications/patents involved: One (1)  7. Total fee (37 C.F.R. § 3.41): \$40.00   |
| Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 Country: USA           | Enclosed  Authorized to be charged to deposit account, if no fee attached.  B. Deposit account number: 02-2448  (Attach triplicate copy of this page if paying by deposit account)  |
|   | THIS SPACE  |
| Joseph A. Kolasch, #22,468 Name of Person Signing/Reg. No.  | December 28, 2001 Date  Determination is true and correct and any attached copy is a true  December 28, 2001 Date   |

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(Rev. 12/10/01)

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

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UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## **ASSIGNMENT**

|  | Application No. NEW   |   | Filed_   | December  | 28,                      | 2001 |
|--|---|---|--|---|--------------------------|------|
| nsert Name(s) of Inventor(s)               | WHEREAS,  | Yong Hwan KIM   |  |   |                          |      |
|  |   |   |  |   |                          |      |
|  |   |   |  |   |                          |      |
|  | (hereinafter designated as the unde   | rsigned) has (have) invented certain ne   | w and useful in  | mprovements ir  | ì                        |      |
| nsert Title<br>of Invention                | HIGH VOLTAGE REGULATION   | CIRCUIT   |  |   |                          |      |
|  | for which an application for Lett<br>undersigned (except in the case of   | ters Patent of the United States of A a provisional application).   | merica has be  | een executed by   | y the                    |      |
| nsert Date<br>of Signing of<br>Application | on December 21, 2001  |   |  |   | ;                        | and  |
| nsert Name<br>of Assignee                  | WHEREAS, HYNIXS   | EMICONDUCTOR, INC.  |  |   |                          |      |
| nsert Address<br>of Assignee               | of San136-1, Ami-Ri, Bubal-Eub,   | Ichon-Shi, Kyoungki-Do, Korea   |  |   |                          |      |
| CHECK BOX<br>F APPROPRIATE                 | its heirs, successors, legal represent acquiring the entire right, title and may be granted therefor in the Unit in any foreign countries.          | ntatives and assigns (hereinafter designation interest in and to said invention and ited States of America and  | ated as the Ass<br>in and to any I                                     | ignee) is desiro<br>Letters Patent(s  | us of<br>) that          |      |
|  | the receipt of which is hereby ack<br>has (have) sold, assigned and tran<br>Assignee the full and exclusive ri-<br>dependencies and possessions and | ation of the sum of Ten Dollars (\$10.00 cnowledged, and other good and valuansferred, and by these presents does ght to the said invention in the United the entire right, title and interest in a he United States of America, its territor in any and all foreign countries; | ble considerati<br>sell, assign an<br>d States of Am<br>and to any and | ion, the undersing transfer unto nerica, its territoral later Paters Paters | igned said ories, ent(s) |      |
|  | and to any and all divisions, reissu<br>terms for which the same may be g   | nes, continuations, conversions and ext   | ersions thereo   | f for the full te   | rm or                    |      |

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PATENT REEL: 012403 FRAME: 0634 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 17ec. 21, 2001, | Name of Inventor (signature) Yong Hwan KIM |
|----------------------|--|
| Date,                | Name of Inventor(signature)                |
| Date,                | Name of Inventor(signature)                |
| Date,                | Name of Inventor(signature)                |
| Date                 | Name of Inventor(signature)                |
| Date,                | Name of Inventor(signature)                |

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April 2000

PATENT REEL: 012403 FRAME: 0635