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Docket No.

77282/JPW/CH

FORM PTO-1595 (Sut



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U.S. DEPARTMENT OF COMMERCE

(Rev. 8-96)

103359507

Patent and Trademark Office

To the Honorable Com...

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hyung Wook Moon

2. Name and address of receiving party(ies):

Name: Hynix Semiconductor Inc.

Additional name(s) of conveying party(ies) attached?

Yes No

Internal Address:

Street Address: San 136-1
Ami-ri, Bubal-eup

City/State/Zip: Icheon-si, Gyeonggi-do
Republic of Korea

3. Nature of Conveyance:

Assignment Merger
 Security Assignment Change of Name
 Other

Execution Date(s): December 14, 2006

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is (are): December 14, 2006

A. Patent Application No.(s) Not Yet Known

B. Patent No.(s)

Filed: Herewith

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John P. White, Esq.

Internal Address: Cooper & Dunham LLP

Street Address: 1185 Avenue of the Americas

City/State/Zip: New York, New York 10036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

03-3125

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John P. White

Name of Person Signing
Reg. No. 28, 678

Signature

December 28, 2006

Date

Total Number of pages including cover sheet, attachments and document: 3

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:
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PATENT

REEL: 018774 FRAME: 0292

12.28.06

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned, Hyung Wook Moon, residing at #801-207, Hwaseong Apt., Sinnae 2-dong, Jungnang-gu, Seoul, Republic of Korea

Hereby sell, assign and transfer to Hynix Semiconductor Inc.

a corporation of the State of

Republic of Korea having a place of business at San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do, Republic of Korea

its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on December 14, 2006

and is entitled

CIRCUIT FOR CONTROLLING PULSE WIDTH OF AUTO-REFRESH SIGNAL AND CIRCUIT FOR GENERATING INTERNAL ROW ADDRESS FOR AUTO REFRESH

(claiming priority of Korean Patent Applications Nos. 10-2006-0002319, filed January 9, 2006; and 10-2006-0115407, filed November 21, 2006)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: December 14, 2006 _____ [U.S.]
Hyung Wook Moon

Witness: Youn Joo Lee (signature)
Youn Joo LEE (printed name)
12TH Fl., Poonglim Bldg., 823-1 (address)
Yeoksam-dong, Gangnam-gu,
Seoul, Republic of Korea

Date: _____ 20

Witness: _____

