

08-26-1998

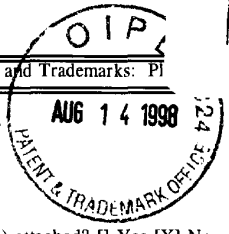


To the Honorable Commissioner of Patents and Trademarks: Pl

100802210

of.

MRD 8-14-98



1. Name of conveying party(ies)
1) Hideki TAKEUCHI and
2) Hirohiko IZUMI
Addit'l name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Nippon Steel Corporation
6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo-to, Japan
Addit'l. name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement
 Change of name
 Other
Execution Date: August 6, 1998 (both parties)

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s)
09/110,252
Additional numbers attached? Yes No

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
 Charge deficiencies/credit overpayments to Deposit Account 22-0185
8. Deposit Account No: 22-0185
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5. Name and address of party to whom correspondence concerning document should be mailed:
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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.

Date: August 14, 1998
George R. Pettit
Reg. No. 27,369
Total number of pages including cover sheet: [3]

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08/18/1998 PRLLEN 00000094 220185 09110032 Commissioner of Patents and Trademarks
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ASSIGNMENT

WHEREAS, we, Hideki TAKEUCHI and Hirohiko IZUMI, respectively, have
SEMICONDUCTOR MEMORY DEVICE AND METHOD
invented certain improvements in and to "OF PRODUCING THE SAME
" and described in the application for United States Letters Patent therefor,
executed on even date herewith;

WHEREAS, NIPPON STEEL CORPORATION, of 6-3, Otemachi 2-chome,
Chiyoda-ku, Tokyo-to, Japan (hereinafter referred to as "ASSIGNEE"),
is desirous of acquiring the entire right, title and interest in and to said invention and in and to
any Letters Patent that may be granted therefor in the United States and its territorial possessions,
and in any and all foreign countries and all reissues, divisions, continuations, extensions,
substitutions and renewals thereof;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt
whereof is hereby acknowledged, and for other good and valuable consideration, we, by these
presents, do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said
invention in the United States and its territorial possessions, and in all foreign countries and the
entire right, title and interest in and to any and all Letters Patent which may be granted therefor
in the United States and its territorial possessions, and in any and all foreign countries, and in and
to any and all divisions, reissues, continuations, substitutions, renewals and extensions thereof,
and all rights of priority resulting from the filing of said U.S. application.

We hereby authorize and request the Patent Trademark Office officials in the United
States and its territorial possessions and any and all foreign countries to issue any and all of said
Letters Patent, when granted, to said ASSIGNEE as the assignee of our entire right, title and
interest in and to the same, for the sole use and behoof of the said ASSIGNEE, its successors and

assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

FURTHER, we agree that we will communicate to said ASSIGNEE or its representatives any facts known to respecting said discovery, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in any and all foreign countries.

IN TESTIMONY WHEREOF, we hereunto set our hands as follows:

Date: August 6, 1998

By: *H. Takachis*

Date: August 6, 1998

By: *H. Takachis*

Date: _____

By: _____