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102680161

Attorney Docket No. 100929.53270US #304934

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

2.1904

(1) Hideyuki KAZUMI (2) Tsuyoshi YOSHIDA (3) Eiji
IKEGAMI (4) Kouichi NAKAUNE (5) Masamichi
SAKAGUCHI (6) Yasuyuki MIYAMOTO and (7)
Akihiro SANO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: (1) January 8, 2004 (2) January 22,
2004 (3) January 21, 2004 (4) February 4, 2004 (5)
January 22, 2004 (6) January 22, 2004 and (7)
January 7, 2004

2. Name and address of receiving party(ies)

Hitachi High-Technologies Corporation
1-24-14, Nishi-shimbashi, Minato-ku, Tokyo, Japan

Additional name(s) & address(es) attached? ☐ yes ☒ no

031356 U.S. PTO
10780670



021904

4. Application number(s) or patent number(s):

10780670

If this document is being filed together with a new application, the execution date of the application is: (1) January 8, 2004
(2) January 22, 2004 (3) January 21, 2004 (4) February 4, 2004 (5) January 22, 2004 (6) January 22, 2004 and (7)
January 7, 2004

A. Patent Application No.(s)

Pending

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Crowell & Moring LLP
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
☒ Enclosed. Please charge any underpayment in connection
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☐ Authorized to be charged to Deposit Account

8. Deposit Account No.

(Attach dupl. copy of this page if paying by Deposit Account)

02/26/2004 ECDUPER 00000091 10780670

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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.

James F. McKeown
Name James F. McKeown Reg. No. 25,406

February 19, 2004
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 3

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Hitachi High-Technologies Corporation
1-24-14, Nishi-shimbashi, Minato-ku, Tokyo, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

LSI DEVICE ETCHING METHOD AND APPARATUS THEREOF

as set forth in his United States Patent Application (check one):

— executed concurrently herewith,
— executed on _____,
— Serial No. _____, filed _____.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States, which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

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Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith.

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Each of the undersigned hereby grants the firm of CROWELL & MORING, L.L.P., or any partner thereof, the power to insert into this Assignment any further identification, which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

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7 / 1 / 2004

~~7/07/2004~~

(date)

Akihiro Sano

(signature of 7th inventor)

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