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Form PTO-1595

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10/918515

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof	
<p>1. Name of conveying party(ies): Fujio MASUOKA (07/16/2004), Shinji HORII (07/14/2004), Takuji TANIGAMI (07/26/2004), and Takashi YOKOYAMA (07/14/2004)</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>FUJIO MASUOKA</u> Internal Address: _____ Street Address: _____ 2-33-18 Higashikatsuyama, Aoba-ku City: <u>Sendai-shi, Miyagi</u> Country: <u>Japan</u> Zip: <u>981-0923</u> Additional name(s) & address(es) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>see Box 1, conveying parties</u></p>	<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: <u>July 16, 2004</u> A. Patent Application No.(s): This application B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Douglas G. Hodder MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 259052005700 Street Address: 755 Page Mill Road City: <u>Palo Alto</u> State: <u>CA</u> Zip: <u>94304</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed)</p> <p>8. Deposit account number: <u>03-1952</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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<p>9. Statement and signature. <i>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.</i></p> <p><u>Douglas G. Hodder - 41,840</u> <u>[Signature]</u> <u>August 12, 2004</u> Name of Person Signing Signature Date</p> <p>Total number of pages including cover sheet, attachments, and documents: <u>4</u></p>	

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PATENT
REEL: 015692 FRAME: 0094

**RECORDATION FORM COVER SHEET
(continued)**22553 U.S. PTO
10/918515

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Additional Conveying Party(ies) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: SHARP KABUSHIKI KAISHA

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Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:Additional Patent Numbers
4B. Continued:

Additional numbers attached?

☐

Yes

☒

No

ATTORNEY DOCKET NO.

*

ASSIGNMENT

Application No. *

Filed *

Insert Name(s) of Inventor(s) → WHEREAS, * Fujio MASUOKA, Shinji HORII, Takuji TANIGAMI, Takashi YOKOYAMA

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title of Invention → *METHOD FOR IMPLANTING IONS INTO SEMICONDUCTOR SUBSTRATE

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date of Signing of Application → on * July 14, 2004, July 16, 2004 and July 26, 2004, respectively; and

Insert Name of Assignee → WHEREAS, *SHARP KABUSHIKI KAISHA and
Fujio MASUOKA

Insert Address of Assignee → of *22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan
2-33-18, Higashikatsuyama, Aoba-ku, Sendai-shi, Miyagi 981-0923 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX IF APPROPRIATE → ☒ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assigned and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional 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 or reissue thereof or Letters Patent(s) or reissue patent issue 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) the 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 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 **Morrison & Foerster 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.

Date 16/07/2004, Name of Inventor Fujio Masuoka
Fujio MASUOKA

Date 14/07/2004, Name of Inventor Shinji Horii
Shinji HORII

Date 26/07/2004, Name of Inventor Takuji Tanigami
Takuji TANIGAMI

Date 14/07/2004, Name of Inventor Takashi Yokoyama
Takashi YOKOYAMA