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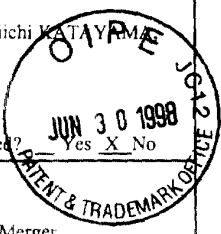
1 SHEET

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Patent and Trademark Office

DOCKET NO.: 5009b-00, 100761008 PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

<p>1. Name of conveying party(ies): Takeo ISHIBASHI, Toshiyuki TOYOSHIMA, Keiichi KATAYAMA, Ayumi MINAMIDE</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>2. Name and address of receiving party(ies): Name: <u>MITSUBISHI DENKI KABUSHIKI KAISHA</u></p> <p>Internal Address:</p> <p>Street Address: <u>2-3, MARUNOUCHI 2-CHOME CHIYODA-KU</u></p> <p>City: <u>TOKYO, JPN</u></p> <p>Additional name(s) &amp; addresses attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment                      <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement              <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution date: <u>03/28/1998</u></p>	



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

If the document is being filed together with a new application, the execution date of the application is

<p>A. Patent Application No(s) <u>09/049,072</u> Filed <u>March 27, 1998</u></p>	<p>B. Patent No(s):</p>
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Additional numbers attached? Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>McDERMOTT, WILL &amp; EMERY</u></p> <p>Internal Address:</p> <p>Street Address: <u>99 Canal Center Plaza, Suite 300</u></p> <p>City: <u>Alexandria</u> State: <u>VA</u> ZIP: <u>22314</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></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number:</p> <p><u>500417</u></p>
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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.*

Stephen A. Becker, 26,527                      [Signature]                      Jun 29 1998  
Name and Registration No. of Person Signing                      Signature                      Date

Total number of pages comprising \_\_\_\_\_ per sheet: 1

CMB No. 0851-0011 (exp. 4/94)

09049072  
09/09/1998 JUN 29 1998 09049072 40.00 CH 01 FC-501

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Takeo ISHIBASHI  
(3) Keiichi KATAYAMA

(2) Toshiyuki TOYOSHIMA  
(4) Ayumi MINAMIDE

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Mitsubishi Denki Kabushiki Kaisha  
2-3, Marunouchi 2-chome  
Chiyoda-ku, Tokyo 100 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

MATERIAL FOR FORMING A FINE PATTERN AND METHOD FOR MANUFACTURING A SEMICONDUCTOR DEVICE USING THE SAME

for which an application for United States Letters Patent was filed on March 27, 1998, and identified by United States Serial No. 09/049,072.

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Takeo ISHIBASHI</u> Name: Takeo ISHIBASHI	<u>June 8, 1998</u>
2) <u>Toshiyuki TOYOSHIMA</u> Name: Toshiyuki TOYOSHIMA	<u>June 5, 1998</u>
3) <u>Keiichi KATAYAMA</u> Name: Keiichi KATAYAMA	<u>June 9, 1998</u>
4) <u>Ayumi Minamide</u> Name: Ayumi MINAMIDE	<u>June 9, 1998</u>