

10-04-2000

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To the Honorable Commissioner of Patents and Trademarks. Please record



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of.

| | | | | | | |
|---|--|--|--|--|--|--------------------------|
| 1. Name of conveying party(ies): <u>MRD 8/10/00</u> 1) Kohji Hosokawa Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | | 2. Name party(ies): Name: <u>International Business Machines Corporation</u> Internal Address: Street Address: <u>New Orchard Road</u> City: <u>Armonk</u> State: <u>New York</u> Zip: <u>10504</u> Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | | | | |
| 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 _____ Execution Date: <u>8/4/00</u> | | | | | | |
| 4. Application number(s) or patent number(s): <u>09/036477</u> Title: <u>Circuit and Method for Detecting Defects in Semiconductor Memory</u> If this document is being filed together with a new application, the execution date of the application is <u>8/4/00</u> . A. Patent Application No(s). B. Patent No(s). Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed. <div style="border: 1px dashed black; padding: 5px;"><u>Robert A. Walsh, Reg. No. 26,516</u> <u>IBM Corporation - Mail Stop: 972E</u> <u>1000 River Street</u> <u>Essex Junction, VT 05452</u> <u>Tel. No. 802-769-9521</u></div> | | 6. Total number of applications and patents involved: <u>1</u> 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 checked="" type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees 8. Deposit account number: <u>09-0456</u> <div style="text-align: right;"> 24241</div> | | | | |
| DO NOT USE THIS SPACE | | | | | | |
| 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. <table border="0" style="width: 100%;"><tr><td style="width: 33%;"><u>Robert A. Walsh</u> Registration 26,516 <u>802-769-9521</u></td><td style="width: 33%; text-align: center;"><u><i>Robert A. Walsh</i></u> Signature</td><td style="width: 33%; text-align: right;"><u>8/10/2000</u> Date</td></tr></table> <p style="text-align: right;">Total number of pages including cover sheet, attachments and document: <u>2</u></p> | | | | <u>Robert A. Walsh</u> Registration 26,516 <u>802-769-9521</u> | <u><i>Robert A. Walsh</i></u> Signature | <u>8/10/2000</u> Date |
| <u>Robert A. Walsh</u> Registration 26,516 <u>802-769-9521</u> | <u><i>Robert A. Walsh</i></u> Signature | <u>8/10/2000</u> Date | | | | |

09/636477



10/04/2000 NTHA11 00000274 090456 09636477

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ASSIGNMENT

Whereas, I

Inventor (1) Kohji Hosokawa
and City

City of Shiga-ken
and State of Japan

have invented certain improvements in

Title: CIRCUIT AND METHOD FOR DETECTING DEFECTS IN SEMICONDUCTOR MEMORY

and have executed, respectively, a United States patent application therefor on

Date(s) That (1) August 4th, 2000.
Inventor(s)
Signed the
Declaration

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

City: (1) Signed at Shiga-ken

Date: on August 4th, 2000

Kohji Hosokawa Signature
(Kohji Hosokawa) inventor
First Name Middle Initial Last Name