

06-28-1999



1R SHEET

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To the Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce, Washington, DC 20540, and the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): NGHIA VAN PHAN MICHAEL JAMES ROHN</p> <p>Additional names 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>International Business Machines Corporation</u></p> <p>Internal Address: _____ _____</p> <p>Street Address: <u>New Orchard Road</u> City <u>Armonk</u> State <u>New York</u> Zip <u>10504</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <p style="text-align: right; font-size: 2em;">6-15-99</p>
<p>3. Nature of Conveyance</p> <p><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: June 15, 1999</p>	

U.S. PTO  
09/33/11  
06/15/99

4. Application number(s) or patent number(s): 09334171

**TITLE: PLACEMENT OF CONDUCTIVE STRIPES IN ELECTRONIC CIRCUITS TO SATISFY METAL DENSITY REQUIREMENTS**

If this document is being filed together with a new application, the execution date of the application is June 15, 1999.

<p>A. Patent Application No(s).  Docket RO999-034</p>	<p>B. Patent No(s).  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Karuna Ojanen IBM Corporation - Dept. 917 3605 Highway 52 North Rochester, MN 55901</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CVF 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><input checked="" type="checkbox"/> Total fee due</p> <p><input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: <u>09-0465</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</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.

Roy W. Truelson  
Name of Person Signing

Roy W. Truelson  
Signature

6/15/99  
Date

Total number of pages comprising cover sheet: 1

# ASSIGNMENT

Whereas, I

- (1) **Nghia Van Phan** City of **Rochester,**  
County of **Olmsted** and State of **Minnesota,**
- (2) **Michael James Rohn** City of **Rochester,**  
County of **Olmsted** and State of **Minnesota,**

have invented certain improvements in:

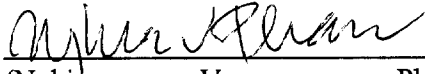
## PLACEMENT OF CONDUCTIVE STRIPES IN ELECTRONIC CIRCUITS TO SATISFY METAL DENSITY REQUIREMENTS

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

Dates  
 Inventor (1) 15 June 1999 (2) 15 June 1999  
 Signed  
 Declaration

And 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, I 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed  
 Inventor (1) at Rochester, MN  Inventor  
 on June 15, 1999. (Nghia V. Phan) Signature  
 First Name Initial Last Name

Inventor (2) at Rochester, MN  Inventor  
 on June 15, 1999. (Michael J. Rohn) Signature  
 First Name Initial Last Name