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Form PTO-1595



U.S. Department of Commerce

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PATENTS ONLY

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

<p>1. Name of conveying party(ies):</p> <p>a) <u>Lynn M. Liptay, Executrix of</u> <u>Estate of John S. Liptay</u> <span style="float: right; font-size: 1.5em;">01/09/02</span></p> <p>b) <u>Mark A. Check</u> g) _____</p> <p>c) <u>Mark S. Farrell</u> h) _____</p> <p>d) <u>Bruce C. Giamei</u> i) _____</p> <p>e) <u>Chrales F. Webb</u> j) _____</p> <p>f) _____ k) _____</p> <p>More names attached? <u>Y</u> <u>x</u> N</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>INTERNATIONAL BUSINESS MACHINES CORPORATION</u></p> <p>Address: <u>New Orchard Road</u> <u>Armonk, NY 10504</u></p> <p>More names attached? <u>Y</u> <u>x</u> N</p>
<p>3. Nature of Conveyance: <u>x</u> Assignment</p>	
<p>4. Application number: _____ Filed: _____</p> <p>Filed with new application: <u>X</u> yes <u>no</u></p> <p>Execution date(s):</p> <p>a) <u>December 31, 2001</u> g) _____</p> <p>b) <u>January 3, 2002</u> h) _____</p> <p>c) <u>January 3, 2002</u> i) _____</p> <p>d) <u>January 4, 2002</u> j) _____</p> <p>e) <u>January 4, 2002</u> k) _____</p> <p>f) _____ l) _____</p> <p>Additional numbers attached? <u>Y</u> <u>x</u> N</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Lynn L. Augspurger</u> <u>IBM Corporation</u> <u>Intellectual Property Law</u> <u>2455 South Road, P386</u> <u>Poughkeepsie, NY 12601</u></p>	<p>6. Total # of applications and patents involved: <u>01</u></p> <p>7. Total fee (37 CFR 3.41): \$ <u>40.00</u></p> <p>8. Charge to Deposit Account 09-0463. A duplicate copy is enclosed.</p>
DO NOT USE THIS SPACE	
<p>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.</p> <p><u>Susan L. Nelson</u> <u></u> <u>1/9/02</u> Signature Date</p>	
<p>Total number of pages including cover sheet, attachments, and document: <u>3</u></p>	
<p>Express Mail Label No. (if applicable): <u>ET089525656US</u> Docket No.: <u>POU920000154US1</u></p>	

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**PATENT**  
**REEL: 012472 FRAME: 0085**

## A S S I G N M E N T

Whereas, we

- (1) Lynn M. Liptay, Executrix of Estate of John S. Liptay  
of Rhinebeck, County of Dutchess and State of New York
- (2) Mark A. Check                      of Hopewell Junction  
County of Dutchess                      and State of New York
- (3) Mark S. Farrell                      of Pleasant Valley  
County of Dutchess                      and State New York
- (4) Bruce C. Giamei                      of Poughkeepsie  
County of Dutchess                      and State of New York
- (5) Charles F. Webb                      of Poughkeepsie  
County of Dutchess                      and State of New York

have invented certain improvements in METHOD FOR ENSURING THAT A LINE IS PRESENT IN AN INSTRUCTION CACHE

and executed a United States Patent Application therefor on

(1) \_\_\_\_\_, (2) 1/3/02 (3) 1/3/02.  
(4) 1/4/02 (5) 1/4/02

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 the 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 Patents 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

- (1) at Rhinebeck, New York  
on \_\_\_\_\_
- (2) at Poughkeepsie, New York  
on 1/3/02
- (3) at Poughkeepsie, New York  
on 1/3/02
- (4) at Poughkeepsie, New York  
on 1/4/02
- (5) at Poughkeepsie, New York  
on 1/4/02

\_\_\_\_\_  
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for Estate of John S. Liptay

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## A S S I G N M E N T

Docket No: POU920000154US1

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(4) \_\_\_\_\_ (5) \_\_\_\_\_

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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 the 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 Patents 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.

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