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

<p>1. Name of conveying party(ies): KEMAL EBCIOGLU KENNETH J. KIEFER DAVID ARNOLD LUICK GABRIEL MAURICIO SILBERMAN PHILIP BRAUN WINTERFIELD</p>	<p>2. Name and address of receiving party(ies): Name: <u>International Business Machines Corporation</u> Internal Address:</p>
<p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>	<p>Street Address: <u>New Orchard Road</u> City <u>Armonk</u> State <u>New York</u> Zip <u>10504</u></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>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
<p>Execution Date: March 16, 1998 / March 3, 1998 / March 5, 1998 / April 7, 1998 / March 4, 1998</p>	

4. Application number(s) or patent number(s):
TITLE: **METHOD AND APPARATUS TO SELECT THE NEXT INSTRUCTION IN A SUPERSCALAR OR A VERY LONG INSTRUCTION WORD COMPUTER HAVING N-WAY BRANCHING**

Enclosed are:
If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No(s).	B. Patent No(s).
09/001,527	
(Docket RO996-038)	

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>	<p>6. Total number of applications and patents involved: <u>1</u></p>
<p>Karuna Ojanen IBM Corporation - Dept. 917 3605 Highway 52 North Rochester, MN 55901</p>	<p>7. Total fee (37 CVF 3.41): <u>\$ 40.00</u></p>
<p>05/08/1998 DCOATES 00000105 090465 09001527 01 FC:581 40.00 CH</p>	<p><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</p>
	<p>8. Deposit account number: <u>09-0465</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.

Karuna Ojanen
Name of Person Signing

Karuna Ojanen
Signature

27 April 1998
Date

Total number of pages comprising cover sheet: 1

A S S I G N M E N T

Whereas, we

- | | | |
|---------|--|---|
| (1) | Kemal Ebcioglu,
County of Westchester | City of Somers,
and State of New York, |
| and (2) | Kenneth J. Kiefer,
County of Olmsted, | City of Rochester,
and State of Minnesota, |
| and (3) | David Arnold Luick,
County of Olmsted, | City of Rochester,
and State of Minnesota, |
| and (4) | Gabriel Mauricio Silberman,
County of Westchester, | City of Millwood,
and State of New York, |
| and (5) | Philip Braun Winterfield,
County of Olmsted, | City of Rochester,
and State of Minnesota, |

have invented certain improvements in

METHOD AND APPARATUS TO SELECT THE NEXT INSTRUCTION IN A SUPERSCALAR OR A VERY LONG INSTRUCTION WORD COMPUTER HAVING N-WAY BRANCHING

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

Dates

Inventors	(1)	March 16,	, 1998,	and (2)	March 3	, 1998 and
Signed	(3)	March 5	, 1998 and (4)	April 7	, 1998, and	
Declaration	(5)	March 4	, 1998.			

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, 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.

Signed

Inventor (1) at Yorktown Hgts., NY
on March 16, 1998.

Kemal Ebcioğlu
(Kemal Ebcioğlu)
First Name Initial Last Name

Inventor Signature

Inventor (2) at Rochester, MN
on March 3rd, 1998,

Kenneth J. Kiefer
(Kenneth J. Kiefer)
First Name Initial Last Name

Inventor Signature

Inventor (3) at Rochester, MN
on 3/5/98, 1998,

David A. Luick
(David A. Luick)
First Name Initial Last Name

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Inventor (4) at Toronto, Canada
on April 7, 1998.

Gabriel M. Silberman
(Gabriel M. Silberman)
First Name Initial Last Name

Inventor Signature

Inventor (5) at Rochester, MN
on 3/4/98, 1998.

Philip B. Winterfield
(Philip B. Winterfield)
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