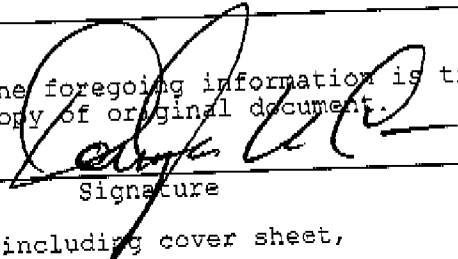


Atty. Docket No. CH920000032US1

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<p>1. Name of conveying party(ies): ALAN BENNER, ANTONIUS ENGBERSEN, GOTTFRIED GOLDRIAN, RONALD LUIJSTEN</p> <p>Additional name(s) 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: International Business Machines Corporation Address: New Orchard Road Armonk, NY 10504</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: X Assignment</p> <p>Execution Date(s): <u>April 29, 2004, May 4, 2004, May 11, 2004</u></p>	<p>4. Patent Application number(s) 10/469,476 August 27, 2003</p> <p>Execution Date(s): <u>April 29, 2004, May 4, 2004, May 10, 2004</u></p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: DOUGLAS W. CAMERON Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598</p>	<p>6. Total number of applications involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p>X Charge to Deposit Account No.: <u>09-0468</u></p>
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(IBM Docket) CH920000032US1

(JOINT FORM)

Assignment

Whereas, we

INVENTOR
AND CITY

(1) Alan Benner
County of Dutchess,

of Poughkeepsie
and State of New York

INVENTOR
AND CITY

(2) Antonius Engbersen
Feusisberg

Lerchenweg 9, CH-8835
Switzerland

INVENTOR
AND CITY

(3) Gottfried Goldrian
Boeblingen

of Gutacherweg 18, D-71034
and Germany

INVENTOR
AND CITY

(4) Ronald Luijten
Horgen

of Saentisstrasse 23, CH-8810
and Switzerland

have invented certain improvements in

TITLE

SWITCHING ARRANGEMENT AND METHOD WITH SEPARATED OUTPUT BUFFERS

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) *May 11*, 2004, (2)
(3), 2004, (4)

, 2004,
, 2004.

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 inventions set forth in said applications 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 AND
DATE

(1) at
on

Poughkeepsie, NY
May 11, 2004,

Alan P. Benner SIGNATURE
ALAN BENNER
FIRST NAME MIDDLE INITIAL LAST NAME

PATENT

REEL: 04635 FRAME: 0414

(IBM Docket) CH920000032US1
Page 2 of 2

CITY AND DATE (2) at on , 2004,

ANTONIUS ENGBERSEN SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (3) at on , 2004,

GOTTFRIED GOLDRIAN SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE (4) at on , 2004,

RONALD LUITEN SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

(JOINT FORM)

(IBM Docket) CH920000032US1

Assignment

Whereas, we

INVENTOR
AND CITY

(1) Alan Benner
County of Westchester,

of Poughkeepsie
and State of New York

INVENTOR
AND CITY

(2) Antonius Engbersen
Feusisberg Switzerland

Lerchenweg 9, CH-8835

INVENTOR
AND CITY

(3) Gottfried Goldrian
Boeblingen and Germany

of Gutacherweg 18, D-71034

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(1) _____, 2004, (2) *4th May*, 2004,
(3) *April 29*, 2004, (4) *4th May*, 2004.

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 inventions set forth in said applications 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 AND
DATE

(1) at
on _____, 2004,

SIGNATURE

ALAN BENNER
FIRST NAME MIDDLE INITIAL LAST NAME

(IBM Docket) CH920000032US1
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CITY AND
DATE

(2) at *Rüschlikon*
on *May 4th*, 2004,

Antonius Engbersen SIGNATURE
ANTONIUS ENGBERSEN
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE

(3) at *Boeblingen*
on *April 29*, 2004,

Gottfried Goldrian SIGNATURE
GOTTFRIED GOLDRIAN
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE

(4) at *Rüschlikon*
on *4 May*, 2004,

Ronald Luitjen SIGNATURE
RONALD LUITJEN
FIRST NAME MIDDLE INITIAL LAST NAME