

Atty. Docket No. YOR920010711US2

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

1. Name of conveying party(ies):

Suresh N. Chari
Josyula R. Rao
Pankaj Rohatgi
Helmut Scherzer

Additional name(s) of conveying
party(ies) attached? Yes X No

2. Name and address of receiving party(ies):

Name: International Business
Machines Corporation
Address: New Orchard Road
Armonk, NY 10504

Additional name(s) & addresses
attached? Yes X No

3. Nature of conveyance:

X Assignment

Execution Date(s): 10/8/01, 10/8/01,
10/8/01 and 10/21/2001

4. Patent Application number(s)

09/943,720

Execution Date(s): 10/8/01, 10/8/01,
10/8/01 and 10/21/2001

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Louis P. Herzberg
Address: IBM Corporation
Intellectual Property Law
P.O. Box 218
Yorktown Heights, NY 10598

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41): \$40.00

X Charge to Deposit Account No.:
09-0468

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8. 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 original document.

Louis P. Herzberg (Reg. 41,500)

Name of Person Signing

Louis Herzberg
Signature

Mar 26, 02
Date

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(JOINT FORM)
(MORE THAN TWO)

(IBM Docket YORS20010711US2)

Page 1 of 1

Assignment

Whereas, we

Inventor and City	(1) Suresh N. Chari County of Westchester	of Tarrytown and State of New York
	(2) Josyula R. Rao County of Westchester	of Briarcliff Manor and State of New York
	(3) Pankaj Rohatgi County of Westchester	of New Rochelle and State of New York
	(4) Helmut Scherzer	of Tuebingen and Country of Federal Rep. of Germany

have invented certain improvements in

TITLE SPACE-EFFICIENT, SIDE-CHANNEL ATTACK RESISTANT TABLE LOOKUPS

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

DATES THAT (1) 10/8 2001, (2) 10/8 2001 and (3) 10/8 2001 and (4) 2001.

INVENTORS
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 inventions 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
CITY (1) at Yorktown Heights
DATE on Oct 8, 2001,

Suresh Chari SIGNATURE
(Suresh N. Chari) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY and (2) at Yorktown Heights
DATE on Oct 8, 2001,

J. Rao SIGNATURE
(Josyula R. Rao) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY and (3) at YORKTOWN HTS.
DATE on Oct 8, 2001,

Pankaj Rohatgi SIGNATURE
(Pankaj Rohatgi) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY and (4) at
DATE on 2001,

(Helmut Scherzer) SIGNATURE
FIRST NAME MIDDLE LAST NAME INVENTOR

(JOINT FORM)
(MORE THAN TWO)

(IBM Docket YOR920010711US2)

Page 1 of 1

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County of Westchesterof Briarcliff Manor
and State of New York(3) Pankaj Rohatgi
County of Westchesterof New Rochelle
and State of New York

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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 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 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
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DATE on Oct 8, 2001.

Suresh Chari SIGNATURE
(Suresh N. Chari) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY and (2) at Yorktown Heights
DATE on Oct 8, 2001.

J. Rao SIGNATURE
(Josyula R. Rao) INVENTOR
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Pankaj Rohatgi SIGNATURE
(Pankaj Rohatgi) INVENTOR
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Signed
CITY and (4) at Tuebingen
DATE on Oct 21, 2001.

Helmut Scherzer SIGNATURE
(Helmut Scherzer) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME