

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sampan Arora	06/22/2007
Shubhodeep Roy Choudhury	06/22/2007
Manoj Dusanapudi	06/21/2007
Sunil Suresh Hatti	06/21/2007
Shakti Kapoor	06/21/2007
Chakrapani Rayadurgam	06/26/2007

RECEIVING PARTY DATA

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11779378

CORRESPONDENCE DATA

Fax Number: (512)823-1036
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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Email: abdeniso@us.ibm.com
Correspondent Name: D'Ann N. Rifai
Address Line 1: 11400 Burnet Road
Address Line 2: IBM-Intellectual Property Law
Address Line 4: Austin, TEXAS 78758-3493

ATTORNEY DOCKET NUMBER: AUS920070491US1

PATENT

REEL: 019570 FRAME: 0133

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CH \$40.00 11779378

NAME OF SUBMITTER:

D'Ann N. Rifai

Total Attachments: 4

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PATENT

ASSIGNMENT

Whereas, I/ we,

- | | |
|--|--|
| (1) Sampan Arora | City of: Bangalore
State of: Karnataka, India |
| (2) Shubhodeep Roy Choudhury | City of: Bangalore
State of: Karnataka, India |
| (3) Manoj Dusanapudi | City of: Bangalore
State of: Karnataka, India |
| (4) Sunil Suresh Hatti | City of: Gokul
State of: Karnataka, India |
| (5) Shakti Kapoor
County of: Travis | City of: Austin
State of: TX |
| (6) Chakrapani Rayadurgam | City of: Bangalore
State of: Karnataka, India |

have invented certain improvements in

**System and Method for Verification of Cache Snoop Logic and Coherency Between Instruction & Data
Caches for Processor Design Verification and Validation**

and executed a United States patent application therefor on the following date(s):


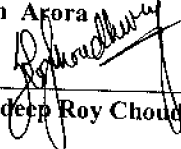
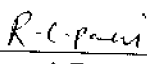
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| (1) <u>06/22/2007</u>
(Date) | (2) <u>06-22-2007</u>
(Date) | (3) _____
(Date) |
| (4) _____
(Date) | (5) _____
(Date) | (6) <u>06-26-2007</u>
(Date) |

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 therefore;

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.

PATENT

Signed and sealed:

	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	BANGALORE / KARNATAKA	06/22/2007	 Sampan Arora
(2)	BANGALORE / KARNATAKA	06-22-2007	 Shubhdeep Roy Choudhury
(3)			Manoj Dusanapudi
(4)			Sunil Suresh Hatti
(5)			Shakti Kapoor
(6)	BANGALORE / KARNATAKA	06-26-2007	 Chakrapani Rayadurgam

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State of: Karnataka, India |
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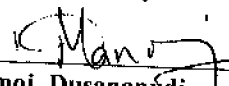

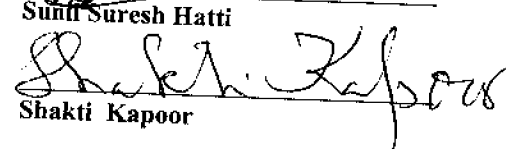
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| (1) _____
(Date) | (2) _____
(Date) | (3) <u>6/21/07</u>
(Date) |
| (4) <u>6/21/07</u>
(Date) | (5) <u>6/21/07</u>
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(2)	_____	_____	_____
			Shubhodeep Roy Choudhury
(3)	Austin, TX	6/21/07	
			Manoj Dusanapudi
(4)	Austin, TX	6/21/07	
			Sunit Suresh Hatti
(5)	Austin, TX	6/21/07	
			Shakti Kapoor
(6)	_____	_____	_____
			Chakrapani Rayadurgam