04-19-2001

## RECORDATION FORM COVER SHEET **PATENTS**

101680423

3-16-01

To the Assistant Commissioner of Patents: Please record the attached original document or copy thereof

1.	Submission Type:	2. Conveyance Type:
	⊠ New	X Assignment
3.	Conveying Parties:	4. Execution Date
	(1) Arimilli, Ravi Kumar	02132001
	(2) Cargnoni, Robert Alan	02142001
	(3) Guthrie, Guy Lynn	02132001
	(4) Williams, Derek E.	02132001
5.	Receiving Party:	
	International Business Machines Cor	poration
	New Orchard Road	•
	Armonk, New York 10504	
6.	Application Number/Patent Number:	
	Patent Application Number: 09/752,9	<u>948</u>
7.	Patent Number: New Application: execution date of by first-named inventor:	application —
7.	Patent Number: New Application: execution date of by first-named inventor:  Correspondent Name and Address:	application  8. Number of Properties: One (1)
7.	Patent Number: New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq.	application —
7.	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P.	8. Number of Properties: One (1) Fee Amount (37 CFR 3.41) \$40.00
7.	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to
7.	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350 7600B N. Capital of Texas Hwy.	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to IBM Corporation Deposit Account
7.	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350 7600B N. Capital of Texas Hwy. Austin, TX 78731	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to
7.	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350 7600B N. Capital of Texas Hwy. Austin, TX 78731 Tel.: (512) 343-6116	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to IBM Corporation Deposit Account
<b>7.</b>	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350 7600B N. Capital of Texas Hwy. Austin, TX 78731 Tel.: (512) 343-6116	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to IBM Corporation Deposit Account No. 09-0447
	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350 7600B N. Capital of Texas Hwy. Austin, TX 78731 Tel.: (512) 343-6116	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to IBM Corporation Deposit Account
<u>ВҮК</u> —	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350 7600B N. Capital of Texas Hwy. Austin, TX 78731 Tel.: (512) 343-6116  00000243 090447 09752943  40.00 CH  The best of my knowledge and belief	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to IBM Corporation Deposit Account No. 09-0447  USE THIS SPACE
₽¥Ŗ₩ — To	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350 7600B N. Capital of Texas Hwy. Austin, TX 78731 Tel.: (512) 343-6116  100000743 090447 09757948  40.00 08  The best of my knowledge and belief rrect and any attached copy is a terms.	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to IBM Corporation Deposit Account No. 09-0447  USE THIS SPACE  The foregoing information is true and rue copy of the original document. Charge
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To co de	Patent Number:  New Application: execution date of by first-named inventor:  Correspondent Name and Address:  Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. Suite 350 7600B N. Capital of Texas Hwy. Austin, TX 78731 Tel.: (512) 343-6116  100000243 090447 09752943  40.00 CH  The best of my knowledge and belief or rect and any attached copy is a toposit account are authorized, as incompany the account are authorized, as incompany the account are authorized.	8. Number of Properties: One (1)  Fee Amount (37 CFR 3.41) \$40.00  Authorized to be charged to IBM Corporation Deposit Account No. 09-0447  USE THIS SPACE  The foregoing information is true and rue copy of the original document. Charge

ASS	IGNMENT			
Whereas, we,				
(1) <u>Ravi Kumar Arimilli</u> County of <u>Travis</u>	of <u>Austin</u> , and State of <u>Texas</u> ,			
(2) <u>Robert Alan Carquoni</u> County of <u>Travis</u>	of <u>Austin</u> , and State of <u>Texas</u> ,			
(3) <u>Guy Lynn Guthrie</u> County of <u>Travis</u>	of <u>Austin</u> , and State of <u>Texas</u> ,			
and (4) <u>Derek E. Williams</u> County of <u>Travis</u>	of <u>Austin</u> , and State of <u>Texas</u> ,			
have invented certain improvements	in			
MICROPROCESSOR RESERVATION MECHANISM FOR A HASHED ADDRESS SYSTEM				
and executed, respectively, a Unite (Dates Inventors Signed Declaration (2)  (2)  (4)  (4)	d States patent application therefor on  (1) Feb 3 RkA , 2001,  1, (3) Ch 13 ClC , 2001,  2001.			
New York, having a place of busines called IBM), desires to acquire the	SS MACHINES CORPORATION, a corporation of s at Armonk, New York 10504, (hereinafter entire right, title and interest in the to any United States and foreign patents			
acknowledged, we, the above named, its successors and assigns, the ent application and invention therein d countries, and all rights of priori States application, and we request Letters Patent granted upon the inv IBM, its successors and assigns; an foreign Letters Patent on said invenecessary in connection with the Un called upon to do so by IBM.	consideration, receipt whereof is hereby hereby sell, assign, and transfer to IBM, ire right, title and interest in the said isclosed for the United States and foreign ty resulting from the filing of said United the Commissioner of Patents to issue any ention set forth in said application to d we hereby agree that IBM may apply for ntion and we will execute all papers ited States and foreign applications when			
(1) Signed at Austria, T	Low the Cost			
(2) Signed at Austin TX	Ravi Kumar Arimilli  on Feb 14 , 2001;  Robert Alan Cargnoni			
(3) Signed at Austin	Robert Alan Cargnoni  on Feb 13, 2001;			

Page 1 of 2

PATENT REEL: 011684 FRAME: 0635

IBM DOCKET NO. AUS920000675US1

nd (4) Signed at Austin

on

February 13th

2001:

Derek E. Williams

Page 2 of 2

RECORDED: 03/16/2001

PATENT REEL: 011684 FRAME: 0636