

12-18-2002



Substitute Form PTO -1595		102315537		Attorney Docket No. AUS920020602US1	
To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):		Execution date:			
Ravi Kumar Arimilli		<u>11-20</u> , 2002			
Benjiman Lee Goodman		<u>11-20</u> , 2002			
Jody Bern Joyner		<u>11-20</u> , 2002			
12/05/02					
2. Name and address of receiving party(ies):			3. Nature of conveyance:		
International Business Machines Corporation New Orchard Road Armonk, New York 10504			<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		
4. Application number(s) or patent number(s):			Execution/Filing/Issue Date		
<input checked="" type="checkbox"/> New Patent Application, execution date of application			<u>11-20-02</u>		
			Execution Date		
<input type="checkbox"/> Patent Application Number: _____			Filing Date		
<input type="checkbox"/> Patent Number: _____			Issue Date		
5. Name and address of party to whom correspondence concerning document should be mailed:			6. Total number of applications and patents involved: 1		
Casimer K. Salys, Esq. IBM Corporation Intellectual Property Law Zip 4054 11400 Burnet Road Austin, Texas 78758			7. Total fee (37 CFR 3.41). \$40.00		
			<input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to charge any deficiency to deposit account		
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			<u>09-0447</u>		
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<i>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.</i>					
<u>CASIMERE K. SALYS</u>		<u>Casimer K Salys</u>		<u>12/4/02</u>	
Name of Person Signing		Signature		Date	
Total number of pages including cover sheet, attachments, and documents: 3					

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10/31/3322
12/05/02

12/17/2002 LMUELLER 00000235 090447 10313322

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
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PATENT
REEL: 013572 FRAME: 0868

A S S I G N M E N T

Whereas, We,

- (1) **Ravi Kumar Arimilli of Austin, Travis County, Texas;**
- (2) **Benjiman Lee Goodman of Cedar Park, Williamson County, Texas; and**
- (3) **Jody Bern Joyner of Austin, Williamson County, Texas**

have invented certain improvements in

**IMPRECISE CACHE LINE PROTECTION MECHANISM DURING
A MEMORY CLONE OPERATION**

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 11/20, 2002; (2) 11/20 and (3) 11/20, 2002.

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.

(1) Signed at Austin, TX on 11/20, 2002.

Ravi Kumar Arimilli

Ravi Kumar Arimilli

(2) Signed at Austin, TX on 11/20, 2002.

Benjiman Lee Goodman

Benjiman Lee Goodman

(3) Signed at Austin, TX on 11/20, 2002.

Jody B. Joyner

Jody Bern Joyner