

07-25-2001

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| Substitute Form PTO -1595 | <b>RECORDATION FORM COVER SHEET<br/>PATENTS ONLY</b> | Attorney Docket No.<br><b>AUS920000910US1</b> |
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To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.

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| 1. Name of conveying party(ies):<br>Ravi Kumar Arimilli<br>John Steven Dodson<br>Jerry Don Lewis | Execution date:<br><u>7/9/01</u><br><u>7/9/01</u><br><u>7/9/01</u> |
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| 2. Name and address of receiving party(ies):<br>International Business Machines Corporation<br>New Orchard Road<br>Armonk, New York 10504 | 3. Nature of conveyance:<br><input checked="" type="checkbox"/> Assignment<br><input type="checkbox"/> Security Agreement<br><input type="checkbox"/> Other<br><input type="checkbox"/> Merger<br><input type="checkbox"/> Change of Name |
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| 4. Application number(s) or patent number(s):<br><input checked="" type="checkbox"/> New Patent Application, execution date of application<br><input type="checkbox"/> Patent Application Number: <u>19/903729</u><br><input type="checkbox"/> Patent Number: _____ | Execution/Filing/Issue Date<br><u>7/9/01</u><br>Execution Date<br>_____<br>Filing Date<br>_____<br>Issue Date |
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| 5. Name and address of party to whom correspondence concerning document should be mailed:<br>Casimer K. Salys, Esq.<br>IBM Corporation<br>Intellectual Property Law<br>Zip 4054<br>11400 Burnet Road<br>Austin, Texas 78758 | 6. Total number of applications and patents involved: 1  |
|   | 7. Total fee (37 CFR 3.41). . . . . \$40.00<br><input type="checkbox"/> Enclosed<br><input checked="" type="checkbox"/> Authorized to be charged to deposit account<br><input type="checkbox"/> Authorized to charge any deficiency to deposit account |
|   | 8. Deposit account number:<br><u>09-0447</u><br>(Attach duplicate copy of this page if paying by deposit account)  |

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9. 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 the original document.*

CASIMER K. SALYS      Casim K Salys      7/9/01  
Name of Person Signing      Signature      Date

Total number of pages including cover sheet, attachments, and documents: 3

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**PATENT**  
**REEL: 011992 FRAME: 0137**

**ASSIGNMENT**

Whereas, We,

- (1) **Ravi Kumar Arimilli**, of Austin, Williamson County, Texas
- (2) **John Steven Dodson**, of Pflugerville, Travis County, Texas
- (3) **Jerry Don Lewis**, of Round Rock, Travis County, Texas

have invented certain improvements in

**INCREMENTAL TAG BUILD FOR HIERARCHICAL  
MEMORY ARCHITECTURE**

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 7/9, 2001, (2) 7/9, 2001, and (3) 7/9, 2001.

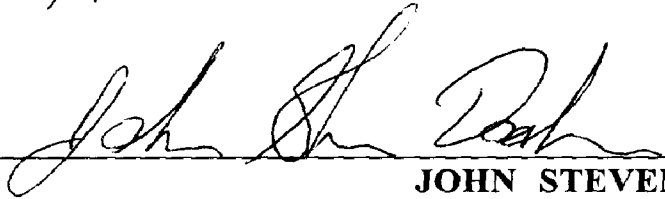
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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 on 7/6 <sup>7/9 R.A.</sup>, 2001.

*Ravi Kumar Arimilli*  
RAVI KUMAR ARIMILLI

(2) Signed at Austin on 7/9, 2001.

  
\_\_\_\_\_  
**JOHN STEVEN DODSON**

(3) Signed at Austin on 7/9, 2001.

  
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**JERRY DON LEWIS**