

Docket No.: RSW920030299US1

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P08A/REV03

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Brian K. Martin
Martin J.C. Presler-Marshall

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☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: March 12, 2004

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

Name: International Business Machines CorporationAddress: New Orchard RoadCity: ArmonkState/Prov.: NYCountry: USZIP: 10504

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☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/800,809March 15, 2004

Additional numbers

☐ Yes ☒ No

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

Name: Ronald A. D'AlessandroRegistration No. 42,456Address: Hoffman, Warnick & D'Alessandro LLCThree E-Comm SquareCity: AlbanyState/Prov.: NYCountry: USZIP: 12207

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

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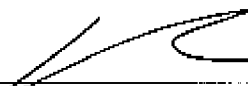
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Ronald A. D'Alessandro

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2

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ASSIGNMENT

Whereas, we, Brian K. Martin and Martin J.C. Presler-Marshall

(1) Brian K. Martin
County of **Wake**,City of **Cary**,
and State of **North Carolina**,(2) Martin J.C. Presler-Marshall
County of **Orange**,City of **Chapel Hill**,
and State of **North Carolina**,have invented certain improvements in **LOWER OVERHEAD SHARED CACHE INVALIDATIONS**,

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

(1) MARCH 12, 2004 (2) MARCH 12, 2004

And 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:

this 12 day of MARCH, 2004.at DURHAM, NC
(city/state where signed)Brian K. Martin
(inventor)

(2) Signed:

this 12 day of MARCH, 2004.at DURHAM, NC
(city/state where signed)Martin J.C. Presler-Marshall
(inventor)