

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>KEVIN JOHN ASH</td><td>02/15/2007</td></tr><tr><td>LOKESH MOHAN GUPTA</td><td>02/12/2007</td></tr><tr><td>STEVEN ROBERT LOWE</td><td>02/13/2007</td></tr><tr><td>ALFRED EMILIO SANCHEZ</td><td>02/12/2007</td></tr><tr><td>KENNETH WAYNE TODD</td><td>02/12/2007</td></tr></tbody></table>	Name	Execution Date	KEVIN JOHN ASH	02/15/2007	LOKESH MOHAN GUPTA	02/12/2007	STEVEN ROBERT LOWE	02/13/2007	ALFRED EMILIO SANCHEZ	02/12/2007	KENNETH WAYNE TODD	02/12/2007	
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ALFRED EMILIO SANCHEZ	02/12/2007												
KENNETH WAYNE TODD	02/12/2007												
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													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11676634</td></tr></tbody></table>	Property Type	Number	Application Number:	11676634									
Property Type	Number												
Application Number:	11676634												
CORRESPONDENCE DATA													
Fax Number: (520)760-6651 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 520-760-6629													
Email: jhholcombe@cox.net													
Correspondent Name: IBM Corporation													
Address Line 1: 9000 S. Rita Road													
Address Line 2: IPLaw - 90A/9032													
Address Line 4: Tucson, ARIZONA 85744													
ATTORNEY DOCKET NUMBER:	TUC020060173US1												
NAME OF SUBMITTER:	John H. Holcombe												

CH \$40.00 11676634

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PATENT
REEL: 019005 FRAME: 0570

Total Attachments: 4

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RECORDATION FORM COVER SHEET
PATENTS ONLY

US Department of Commerce
Patent & Trademark Office

To the Honorable Commissioner for Patents: Please record the attached original document and any thereof.

1. Name of conveying party(ies):
KEVIN JOHN ASH
LOKESH MOHAN GUPTA
STEVEN ROBERT LOWE
ALFRED EMILIO SANCHEZ
KENNETH WAYNE TODD

2. Name and address of receiving party(ies):
Name: International Business
Machines Corporation

Direct Address: New Orchard Road
City: Armonk State: NY Zip: 10504

Additional copy(ies) of conveying
party(ies) attached: ☐ Yes ☒ No

Additional name(s) & address(es) of addressee:
☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment Execution Date: 02/15/2007; 02/12/2007; 02/13/2007; 02/12/2007;
02/12/2007

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

If this document is being filed together with a new application, the application name
of the application is: _____

A. Parent Application No.(s)
11/676,634

B. Inventor No.(s):

Additional markers attached? ☐ Yes ☒ No

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

Name: Robert M. Sullivan
Address: IBM Corporation
Intellectual Property Law
9000 S. Rita Road(90A/9032)
Tucson, Arizona 85744

6. Total Number of applications and patents
involved: One

7. Total fee (37 CFR 3.41)..... \$ 40.00
☐ Enclosed
☒ Authorized to be charged to
deposit account
(Duplicate Copy Attached)

8. Deposit Account Number: 09-0449

9. Statement and signature.

In 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.

John H. Holcombe
John H. Holcombe

Mar. 13, 2007
Date

Total number of pages including cover sheet, attachments, and documents: 6-4-

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1. Name of conveying party(ies):
KEVIN JOHN ASH
LOKESH MOHAN GUPTA
STEVEN ROBERT LOWE
ALFRED EMILIO SANCHEZ
KENNETH WAYNE TODD

2. Name and address of receiving party, firm or
 Name: **International Business**
Machines Corporation
 Street Address: **New Orchard Road**
 City: **Armonk** State: **NY** ZIP: **10504**

Additional name(s) of conveying party(ies) attached ☐ Yes ☒ No
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John H. Holcombe
 John H. Holcombe

May 13, 2007
 Date

Total number of pages including cover sheet, attachments, and documents: -4-

ASSIGNMENT

DocId: 31730060173US1

Page 1 of 2

Whereas, we

1. KEVIN JOHN ASH
County of Pima

of Tucson,
and State of Arizona,

2. LOKESH MOHAN GUPTA
County of Pima

of Tucson,
and State of Arizona,

3. STEVEN ROBERT LOWE
County of Pima

of Tucson,
and State of Arizona,

4. ALFRED EMILIO SANCHEZ
County of Pima

of Tucson,
and State of Arizona,

5. KENNETH WAYNE TODD
County of Pima

of Tucson,
and State of Arizona,

have invented certain improvements in

PRESERVATION OF CACHE DATA FOLLOWING FAILOVER

DATE THIS
INVENTOR
MADE THE
DECLARATION

and examined, respectively, a United States patent application, wherein is
1. 3/15/2006, 2006, (2) 2/12/2006, 2006, (3) 12-1-2006, 2006,
(4) 2/12/2006, 2006, (5) 2/12/2006, 2006.

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 thereon;

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 in 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 inventions 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.

Signed

WITNESS	at Tucson, AZ	2007 (WIT)	<u>Kevin John Ash</u>	SIGNATURE
DATE	on 2/15	2006	KEVIN JOHN ASH	INVENTOR
WITNESS	at Tucson, AZ	2007 (WIT)	<u>Lokesh Mohan Gupta</u>	SIGNATURE
DATE	on 2/12	2006	LOKESH MOHAN GUPTA	INVENTOR
WITNESS	at Tucson, AZ	2007 (WIT)	<u>Steven R. Lowe</u>	SIGNATURE
DATE	on 12 FEB	2006	STEVEN ROBERT LOWE	INVENTOR
WITNESS	at Tucson, AZ	2007 (WIT)	<u>Alfred Emilio Sanchez</u>	SIGNATURE
DATE	on 2/12	2006	ALFRED EMILIO SANCHEZ	INVENTOR
WITNESS	at Tucson, AZ	2007 (WIT)	<u>Kenneth Wayne Todd</u>	SIGNATURE
DATE	on 2/12	2006	KENNETH WAYNE TODD	INVENTOR

PATENT

RECORDED: 03/13/2007

REEL: 019005 FRAME: 0575