

12-17-2002

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Form PTO-1594 (Rev. 03/01)

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DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): MILLER, Lawrence, MOORE, Mike, CHIU, Zhengrong, WANG, Hansen, CHAPMAN, Dave and PETERSON, Andy

- Individual(s) [checked], General Partnership, Association, Corporation-State, Limited Partnership

Other

Additional name(s) of conveying party(ies) attached? Yes [checked] No

3. Nature of conveyance:

- Assignment [checked], Merger, Security Agreement, Change of Name, Other

Execution Date: October 7, 2002

2. Name and address of receiving party(ies)

Name: JPMorgan Chase Bank

Internal Address:

Street Address: 270 Park Avenue

City: New York State: NY Zip: 10172

- Individual(s) citizenship, Association, General Partnership, Limited Partnership, Corporation-State [checked] New York, Other

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes [ ] No [checked] (Designations must be a separate document from assignment) Additional name(s) address(es) attached? Yes [checked] No [ ]

4. Application number(s) or patent number(s): A. Patent Application No.(s) 10/065,337 Filing Date October 4, 2002

B. Patent No.(s)

Additional number(s) attached Yes [ ] No [checked]

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

Name: Milbank, Tweed, Hadley & McCloy LLP

Internal Address: Chris L. Holm

Street Address: 1 Chase Manhattan Plaza

City: New York State: NY Zip: 10005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed [checked], Authorized to be charged to deposit account [ ]

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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

Chris L. Holm Name of Person Signing

[Signature] Signature

December 4, 2002 Date

Total number of pages including cover sheet, attachments, and document:

12/16/2002 LMUELLER 00000113 10065337

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

01 FC:8021

40.00 OP

NY2:#4487410v1

PATENT REEL: 013567 FRAME: 0396

## ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS:

MILLER, Lawrence, 50 East 72<sup>nd</sup> St, Apt 10C, New York, NY 10021, USA;  
MOORE, Mike, 200 Riverside Blvd., Apt 10D, New York, NY 10069, USA;  
CHIU, Zhengrong, 129 Bay 40 St. 2<sup>nd</sup> Fl. Brooklyn, New York, NY 11214, USA ;  
WANG, Hansen, 30B Cedar Lane, Highland Park, NJ 08904, USA;  
CHAPMAN, Dave, 170 West 23<sup>rd</sup> St. Apt. 4B, New York, NY 10011, USA; and  
PETERSON, Andy, 100 Jefferson St., Weehaken, NJ 07086, USA.

(full name(s) and post office address(s) of inventor(s) (including country))

(hereinafter referred to as ASSIGNOR(S)), has made a discovery or invention entitled:

METHOD AND SYSTEM FOR DATA ELEMENT CHANGE ACROSS MULTIPLE INSTANCES OF DATA  
BASE CACHE

(title of discovery or invention)

for which application for Letters Patent of the United States has been executed on even date herewith,

for which application for Letters Patent of the United States has been filed on October 4, 2002, under Serial  
No. 10/065,337, and

## WHEREAS:

JPMorgan Chase Bank, 270 Park Avenue, New York NY 10172

(name and address of assignee)

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and  
in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and  
all foreign countries.

## NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of good and valuable consideration, the receipt of which is hereby acknowledged,  
ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns,  
the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial  
possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and  
its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or  
any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country  
for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United  
States of America and any Official of any country or countries foreign to the United States of America whose duty it  
is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention  
to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and  
behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this  
instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein  
sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal  
representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the  
benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE,  
its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal

representatives, or assigns, as the case may be, any facts known to me respecting said discover or invention, and execute and deliver and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that it reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or re-filings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discover in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Assignor's signature: *Lawrence R. Miller*

Lawrence MILLER

Citizenship: United States

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 7<sup>th</sup> day of October, 2002

STATE OF (New York)

ss.:

COUNTY OF (New York)

On this 7<sup>th</sup> day of October, 2002, before me, the undersigned authority, personally appeared to me

known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

*Catherine Harper*

Notary Public

*Catherine Harper*  
Notary Public  
Qualified  
Commission Expires

Assignor's signature: \_\_\_\_\_

*Mike Moore*  
*AM*

Mike MOORE

Citizenship: United Kingdom

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 7<sup>th</sup> day of October, 2002

STATE OF New York

ss.:

COUNTY OF New York

On this 7<sup>th</sup> day of October, 2002, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

*Catherine Harper*

Notary Public

Notary Public, State of New York  
No. 61HA5017515  
Qualified in Kings County  
Certificate Filed in New York County  
Commission Expires 9/7/20\_\_

Assignor's signature: \_\_\_\_\_

*Chiu, Zhengrong*

Zhengrong CHIU

Citizenship: United States

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 7<sup>th</sup> day of October, 2002

STATE OF New York

ss.:

COUNTY OF New York

On this 7<sup>th</sup> day of October, 2002, before me, the undersigned authority, personally appeared

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*Catherine Harper*

Notary Public

CATHERINE HARPER  
Notary Public, State of New York  
No. 61HA5017515  
Qualified in Kings County  
Certificate Filed in New York County  
Commission Expires 9/7/20\_\_

Assignor's signature: \_\_\_\_\_

Hansen WANG

Citizenship: People's Republic of China

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 7<sup>th</sup> day of October, 2002

STATE OF New York

ss.:

COUNTY OF New York

On this 7<sup>th</sup> day of October, 2002, before me, the undersigned authority, personally appeared

to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Catherine Harper

Notary Public

*[Faint notary seal text]*  
Commission Expires

Assignor's signature: \_\_\_\_\_

Dave CHAPMAN

Citizenship: United Kingdom

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 7<sup>th</sup> day of October, 2002

STATE OF New York

ss.:

COUNTY OF New York

On this 7<sup>th</sup> day of October, 2002, before me, the undersigned authority, personally appeared

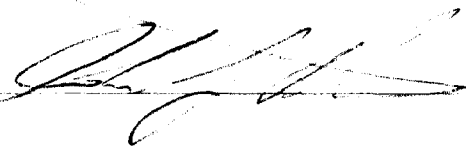
to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he executed the same as his own voluntary act and deed for the uses and purposed therein specified.

Catherine Harper

Notary Public

*[Faint notary seal text]*  
Commission Expires 11/20

Assignor's signature: \_\_\_\_\_



Andy PETERSON

Citizenship: United States

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 7<sup>th</sup> day of October, 2002

STATE OF New York

SS.:

COUNTY OF New York

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Catherine Harper

Notary Public

