

12-07-2001

FORM PTO-1595 (REV 6-93)

RE



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-011 (exp.4/94)

101910179

JCE72 J.S. PTO 09/198613

11/30/01

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

1. Name of conveying party(ies):  
 John Merrow Davies Frank E. Orchard  
 Gary Casamento Lawrence Flon  
 Mahendra Kumar Michael Gary Anderson  
 Thomas J. Hilferty Leslie Casamento  
 Lisayani Tejolesmono

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

MRD 11-30-01

2. Name and address of receiving party(ies):  
 Name: Optum, Inc.  
 Internal Address: \_\_\_\_\_  
 Street Address: 3330 Harbor Blvd  
 City: Costa Mesa  
 State/Country: California ZIP: 92626

Additional name(s) & address(es) attached? [ ] Yes [ X ] No

3. Nature of conveyance:  
 Assignment [ ] Merger  
 Security Agreement [ ] Change of Name  
 Other \_\_\_\_\_

Execution Date: 8/17/01, 8/29/01, 9/21/01, 9/27/01, 11/20/01

4. Application number(s) or patent number(s): 8/17/01, 8/29/01, 9/21/01  
 If this document is being filed together with a new application, the execution date of the application is: 9/26/01, 11/20/01

A. Patent Application No.(s) B. Patent No.(s)

12/04/2001 SBIRETAL 00000043 09998613  
 04 FC 581 40.00 OP  
 09998613

Additional Numbers attached? [ ] Yes [ X ] No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Himanshu S. Amin  
 Internal Address: \_\_\_\_\_  
 Amin & Turocy, LLP  
 Street Address: 24th Floor, National City Cetrner  
 1900 E. 9th Street  
 City: Cleveland  
 State: Ohio ZIP: 44114

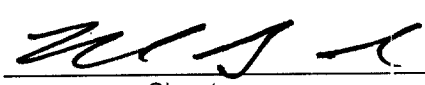
6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) .....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
 50-1063  
 (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.*

Himanshu S. Amin  November 30, 2001  
 Name of Person Signing Signature Date

Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [ 11 ]

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

PATENT REEL: 012338 FRAME: 0262

## ASSIGNMENT

WHEREAS, we, John Merrow Davies, Gary Casamento, Mahendra Kumar, Thomas J. Hilferty, Lisayani Tejolesmono, Frank E. Orchard, Lawrence Flon, Michael Gary Anderson and Leslie Casamento (hereinafter referred to as ASSIGNORS), having post office addresses of 3330 Harbor Blvd., Costa Mesa, California 92626, 19312 Beckonridge Lane, Huntington Beach, California 92648, 260 N Mathilda Ave., #P7, Sunnyvale, California 94086, 346 Meadowbrook Drive, Huntington Valley, Pennsylvania 19006, 17412 Laurelbrook Ct., Cerritos, California 90703, 31 North Hillside Ave., #1, Elmsford, New York 10523, 3330 Harbor Blvd., Costa Mesa, California 92626 and 19312 Beckonridge Lane, Huntington Beach, California 92648 respectively, are the joint inventors of an invention entitled VIRTUAL PRIVATE SUPPLY CHAIN, as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Optum, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 3330 Harbor Blvd., Costa Mesa, California 92626, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by said ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

ASSIGNMENT

Signed: John Merrow Davies Date: 21-SEP-01

CERTIFICATE OF ACKNOWLEDGMENT

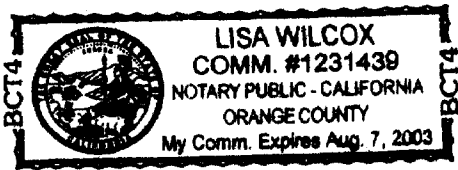
State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared John Merrow Davies.  
Name(s) of Signer(s)

   personally known to me - OR - X proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Lisa Wilcox  
Signature of Notary Public

ASSIGNMENT

Signed: Gary Casamento Date: 9/21/2001  
Gary Casamento

CERTIFICATE OF ACKNOWLEDGMENT

State of California

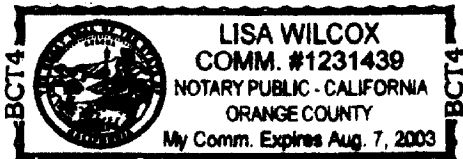
County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Gary Casamento.  
Name(s) of Signer(s)

   personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Lisa Wilcox  
Signature of Notary Public

ASSIGNMENT

Signed: Mahendra Kumar  
Mahendra Kumar

Date: 11/20/2001

**CERTIFICATE OF ACKNOWLEDGMENT**

State of CALIFORNIA

County of SANTA CLARA

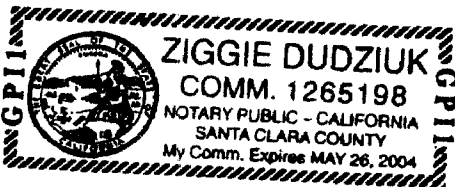
On 20 NOVEMBER 2001, before me, ZIGGIE DUDZIUK-NCTARY PUBLIC.-----  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Mahendra Kumar.  
Name(s) of Signer(s)

       personally known to me -OR - X proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Handwritten Signature]  
Signature of Notary Public



ASSIGNMENT

Signed: Thomas J. Hilferty Date: 27 Sept 2001

CERTIFICATE OF ACKNOWLEDGMENT

State of PA

County of Montgomery

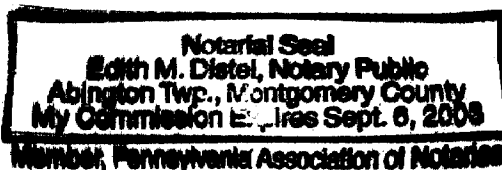
On 9.27.01 before me, THOMAS J. HILFERTY  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Thomas J. Hilferty.  
Name(s) of Signer(s)

   personally known to me -OR-    proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Edith M. Distel  
Signature of Notary Public



ASSIGNMENT

Signed: [Signature]  
Lisayani Tejolesmono

Date: 09/21/2001

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Lisayani Tejolesmono.  
Name(s) of Signer(s)

   personally known to me -OR-  proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
Signature of Notary Public

ASSIGNMENT

Signed: Frank E. Orchard Date: 8/29/01  
Frank E. Orchard

CERTIFICATE OF ACKNOWLEDGMENT

State of North Carolina

County of Mecklenburg

On 8/29/01 before me, Paula McGinnis  
~~Frank E. Orchard~~,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Frank E. Orchard.  
Name(s) of Signer(s)

   personally known to me -OR-    proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Paula McGinnis  
Signature of Notary Public  
exp 1/4/2004



ASSIGNMENT

Signed: Lawrence Flon Date: 9/21/01  
Lawrence Flon

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Lawrence Flon.  
Name(s) of Signer(s)

       personally known to me -OR-  proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lisa Wilcox  
Signature of Notary Public



ASSIGNMENT

Signed: Michael Gary Anderson Date: 8-17-2001  
Michael Gary Anderson

CERTIFICATE OF ACKNOWLEDGMENT

State of North Carolina

County of Mecklenburg

On 8-17-2001 before me, Jean B. Lendeman, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Michael Gary Anderson.  
Name(s) of Signer(s)

   personally known to me -OR-  proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Jean B. Lendeman  
Signature of Notary Public

ASSIGNMENT

Signed: Leslie Casamento Date: 9/21/01  
Leslie Casamento

**CERTIFICATE OF ACKNOWLEDGMENT**

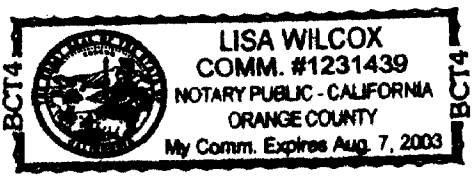
State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Leslie Casamento.  
Name(s) of Signer(s)

~~X~~ LM personally known to me -OR- ~~X~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Lisa Wilcox  
Signature of Notary Public