

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mauro Bonomi	02/27/2001
Jean-Georges Fritsch	11/28/2000
Patrick James Sweeney	10/31/2000
Randy Osborne	10/31/2000
Charles Francis Morris, Jr.	10/12/2000
Reed Majors	10/31/2000
Francis Michel DeGrange	02/06/2001
Ian Locke	02/27/2001
Johnny C.Y. Ng	10/03/2000
Yousheng Cao	10/31/2000
Li Liu	11/28/2000
Nam Phu Thanh Do	02/06/2001
Ronald D. Howe	02/06/2001

RECEIVING PARTY DATA

Name:	Minerva Networks, Inc.
Street Address:	2111 Tasman Drive
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12965803

CORRESPONDENCE DATA

Fax Number: (650)812-3444

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-812-3488

PATENT

REEL: 025525 FRAME: 0469

501383499

CH \$40.00 12965803

Email: pthompson@carrferrell.com, mschelling@carrferrell.com
Correspondent Name: Patricia Thompson
Address Line 1: 120 Constitution Drive.
Address Line 4: Menlo Park, CALIFORNIA 94025

ATTORNEY DOCKET NUMBER:

PA5472US

NAME OF SUBMITTER:

Myrna M. Schelling

Total Attachments: 7

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

source=Assignment#page5.tif

source=Assignment#page6.tif

source=Assignment#page7.tif

ASSIGNMENT OF PATENT APPLICATION
(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

**METHOD AND SYSTEM FOR DELIVERING MEDIA SERVICES AND APPLICATIONS
OVER NETWORKS**

(Atty. Docket No.: MINEP003) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Minerva Networks, Inc. a California corporation having a place of business at 2111 Tasman Drive, Santa Clara, CA 95054, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

1. Inventor Signature: *Mauro Bonomi* Date: 2/27/2001
Mauro BONOMI

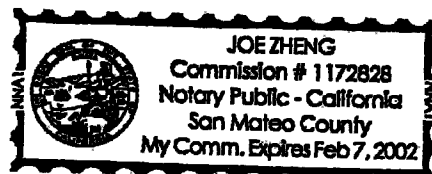
State of California)

County of Santa Clara) ss.

On this 27th day of February, in the year 2001, before me, Joe Zheng, Notary Public, personally appeared Mauro Bonomi 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/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature *Joe Zheng* (SEAL)
Attorney Docket No.: MINEP003 Page 1
(Updated 06/19/98)



2. Inventor Signature: _____

Jean-Georges FRITSCH

Date: 11/28/2000

State of California)

County of Santa Clara)

ss.

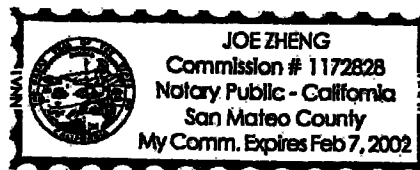
On this 28th day of November, in the year 2000, before me, Joe Zheng, Notary Public personally appeared Jean-Georges Fritsch, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature _____

Joe Zheng

(SEAL)



3. Inventor Signature: _____

Patrick James SWEENEY

Date: Oct 31, 2000

State of California)

County of Santa Clara)

ss.

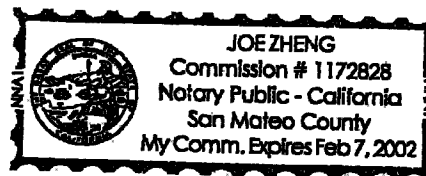
On this 31st day of October, in the year 2000, before me, JOE ZHENG, Notary Public, personally appeared Patrick James Sweeney, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature _____

Joe Zheng

(SEAL)



4. Inventor Signature: _____

Date: 10-31-2000

Randy OSBORNE

State of California)

County of Santa Clara)

ss.

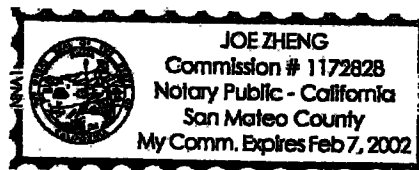
On this 31st day of October, in the year 2000, before me,
JOE ZHENG, Notary Public, personally appeared Randy Osborne
, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in
his/her authorized capacity(ies), and that by his/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.

Notary Signature _____

Joe Zheng

(SEAL)



5. Inventor Signature: _____

Date: 10/12/01

Charles Francis MORRIS Jr.

State of California)

County of Santa Clara)

ss.

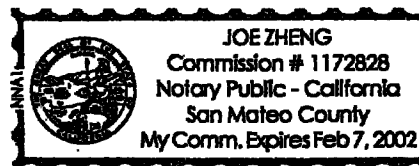
On this 12nd day of October, in the year 2000, before me,
JOE ZHENG, Notary Public, personally appeared Charles Francis Morris Jr.,
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in
his/her authorized capacity(ies), and that by his/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.

Notary Signature _____

Joe Zheng

(SEAL)



6. Inventor Signature: _____

Reed MAJORS

Date: _____

10/31/00

State of California)

County of _____)

Santa Clara

ss.

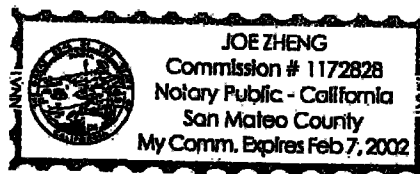
On this 31st day of NOV. OCT., in the year 2000, before me, JOE ZHENG, Notary Public, personally appeared Reed Majors, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature _____

Joe Zheng

(SEAL)



7. Inventor Signature: _____

Francis Michel DEGRANGE

Date: _____

2/6/01

State of California)

County of _____)

Santa Clara

ss.

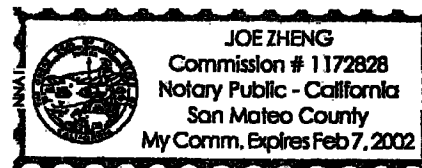
On this 6th day of Feb, in the year 2001, before me, JOE ZHENG, Notary Public, personally appeared Francis Michel Degrange, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature _____

Joe Zheng

(SEAL)



8. Inventor Signature: _____

Ian LOCKE

Date: _____

2/27/01

State of California)

County of _____

Santa Clara)

ss.

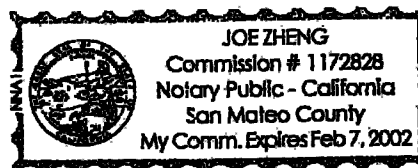
On this 27th day of Feb, in the year 2001, before me, JOE ZHENG, Notary Public, personally appeared Ian Locke, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature _____

[Signature]

(SEAL)



9. Inventor Signature: _____

Johnny C.Y. NG

Date: _____

3 OCT 2000

State of California)

County of _____

Santa Clara)

ss.

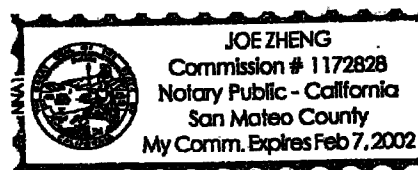
On this 3rd day of Oct, in the year 2000, before me, JOE ZHENG, Notary Public, personally appeared Johnny C.Y. NG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature _____

[Signature]

(SEAL)



10. Inventor Signature: Yousheng CAO

Date: 10/31/2000

Yousheng CAO

State of California)

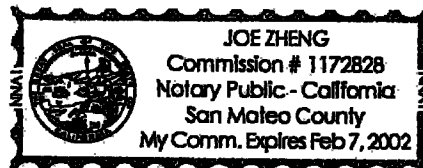
County of Santa Clara)

ss.

On this 31st day of October, in the year 2000, before me, JOE ZHENG, Notary Public, personally appeared Yousheng CAO, 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/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature Joe Zheng (SEAL)



11. Inventor Signature: Li LIU

Date: 10/28/2000

Li LIU

State of California)

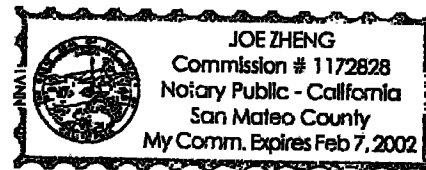
County of Santa Clara)

ss.

On this 28th day of Nov., in the year 2000, before me, JOE ZHENG, Notary Public, personally appeared Li LIU, 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/she executed the same in his/her authorized capacity(ies), and that by his/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.

Notary Signature Joe Zheng (SEAL)



12. Inventor Signature: Nam Phu Thanh DO Date: 2-6-2001
Nam Phu Thanh DO

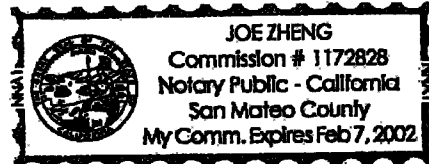
State of California)

County of Santa Clara) ss.

On this 6th day of Feb., in the year 2001, before me,
JOE ZHENG, Notary Public, personally appeared Nam Phu Thanh DO, 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/she executed the same in his/her
authorized capacity(ies), and that by his/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.

Notary Signature [Signature] (SEAL)



13. Inventor Signature: Ronald D. Howe Date: 2/6/01
Ronald D. Howe

State of California)

County of Santa Clara) ss.

On this 6th day of Feb., in the year 2000, before me,
JOE ZHENG, Notary Public, personally appeared Ronald D. Howe, 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/she executed the same in his/her authorized
capacity(ies), and that by his/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.

Notary Signature [Signature] (SEAL)

