

08-20-2002



FORM PTO-1619A

Expires 06/30/99
OMB 0651-0027

102195855

U.S. Department of Commerce
Patent and Trademark Office

PATENT

AUG 14 2002

RECORDATION FORM COVER SHEET
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New 8-14-02
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

- ☒ Mark if additional names of conveying parties attached
- Execution Date
Month Day Year

Name (line 1) Richard C. Graves

07222002

Name (line 2)

Second Party

Name (line 1) Song Liu

Execution Date
Month Day Year

07262002

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) CopperCom, Inc.

Name (line 2)

Address (line 1) 3600 FAU Boulevard

Address (line 2)

Address (line 3) Boca Raton

Florida

33431

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

08/19/2002 DBYRNE 00000139 10172782

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FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

PATENT
REEL: 013196 FRAME: 0430

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

☒

No

☐

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. Charges to deposit account are authorized, as indicated herein.

David J. Powsner

Name of Person Signing

Signature

Date

9-9-02

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) Hua Lin

07152002

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, We, **Richard C. Graves, 214 Lynnwood Terrace, Nashville, Tennessee 37205, Song Liu, 11294 NW 65th Court, Parkland, Florida 33067, and Hua Lin, 4 Lancelot Street, Windham, New Hampshire 03087**, having invented certain new and useful improvements in SYSTEMS AND PROCESSES FOR CALL AND CALL FEATURE ADMINISTRATION ON A TELECOMMUNICATIONS NETWORK, for which we have made application for United States Letters Patent, said application filed September 27, 2001 and accorded U.S. Serial No. 09/965,659; and

WHEREAS, **CopperCom, Inc.**, a California corporation, having a place of business at 3600 FAU Boulevard, Boca Raton, Florida, 33431, and its successors and assigns (collectively hereinafter called "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said applications and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, we do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

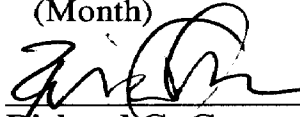
We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments,

declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereto set my hand and seal at

Jackson, Tennessee this 22nd day of July, 2002.
(City, State) (Day) (Month) (year)

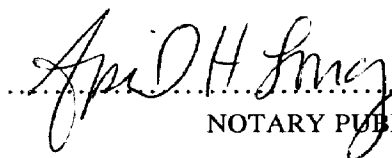

Richard C. Graves

STATE OF Tennessee

SS.

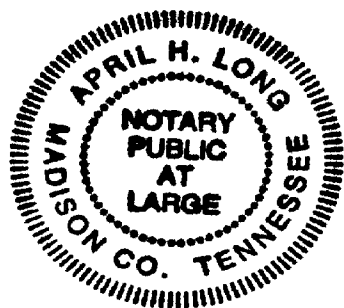
COUNTY OF Madison

Before me this 22nd day of July, 2002, personally appeared Richard C. Graves known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:



MY COMMISSION EXPIRES SEPT. 18, 2005

IN WITNESS WHEREOF, I hereto set my hand and seal at

_____ this _____ day of _____, 20_____.
(City, State) (Day) (Month) (year)

Song Liu

STATE OF _____

SS.

COUNTY OF _____

Before me this _____ day of _____, 20____, personally appeared Song Liu known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at

_____ this _____ day of _____, 20_____.
(City, State) (Day) (Month) (year)

Hua Lin

STATE OF _____

SS.

COUNTY OF _____

Before me this _____ day of _____, 20____, personally appeared Hua Lin known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

ASSIGNMENT

WHEREAS, We, **Richard C. Graves, 214 Lynnwood Terrace, Nashville, Tennessee 37205, Song Liu, 4029 Greenfield Drive, Richardson, TX 75082, and Hua Lin, 4 Lancelot Street, Windham, New Hampshire 03087**, having invented certain new and useful improvements in SYSTEMS AND PROCESSES FOR CALL AND CALL FEATURE ADMINISTRATION ON A TELECOMMUNICATIONS NETWORK, for which we have made application for United States Letters Patent, said application filed September 27, 2001 and accorded U.S. Serial No. 09/965,659; and

WHEREAS, **CopperCom, Inc.**, a California corporation, having a place of business at 3600 FAU Boulevard, Boca Raton, Florida, 33431, and its successors and assigns (collectively hereinafter called "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said applications and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, we do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments,

declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereto set my hand and seal at

_____ this _____ day of _____, 20____.
(City, State) (Day) (Month) (year)

Richard C. Graves

STATE OF _____

SS.

COUNTY OF _____

Before me this _____ day of _____, 20____, personally appeared Richard C. Graves known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at

Garland, Texas this 12 day of July, 2002.
(City, State) (Day) (Month) (year)

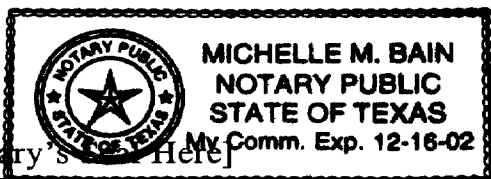
Song Liu
Song Liu

STATE OF TEXAS

SS.

COUNTY OF Dallas

Before me this 12 day of July, 2002, personally appeared Song Liu known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



Michelle M. Bain
NOTARY PUBLIC

My Commission Expires: 12-16-02

IN WITNESS WHEREOF, I hereto set my hand and seal at

_____ this _____ day of _____, 20_____.
(City, State) (Day) (Month) (year)

Hua Lin
Hua Lin

STATE OF _____

SS.

COUNTY OF _____

Before me this _____ day of _____, 20____, personally appeared Hua Lin known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

ASSIGNMENT

WHEREAS, We, **Richard C. Graves, 214 Lynnwood Terrace, Nashville, Tennessee 37205, Song Liu, 11294 NW 65th Court, Parkland, Florida 33067, and Hua Lin, 4 Lancelot Street, Windham, New Hampshire 03087**, having invented certain new and useful improvements in SYSTEMS AND PROCESSES FOR CALL AND CALL FEATURE ADMINISTRATION ON A TELECOMMUNICATIONS NETWORK, for which we have made application for United States Letters Patent, said application filed September 27, 2001 and accorded U.S. Serial No. 09/965,659; and

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NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, we do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

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affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

IN WITNESS WHEREOF, I hereto set my hand and seal at

_____ this _____ day of _____, 20_____.
(City, State) (Day) (Month) (year)

Richard C. Graves

STATE OF _____

SS.

COUNTY OF _____

Before me this _____ day of _____, 20____, personally appeared Richard C. Graves known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at

_____ this _____ day of _____, 20_____.
(City, State) (Day) (Month) (year)

Song Liu

STATE OF _____

SS.

COUNTY OF _____

Before me this _____ day of _____, 20____, personally appeared Song Liu known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at

^{LOWELL}
MIDDLESEX COUNTY

MASSACHUSETTS this 15TH day of JULY, 2002.
(City, State) (Day) (Month) (year)

Hua Lin
Hua Lin

STATE OF MASSACHUSETTS

SS.

COUNTY OF MIDDLESEX

Before me this 15TH day of JULY, 2002, personally appeared Hua Lin known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Carolyn Botch

NOTARY PUBLIC
My Commission Expires May 1, 2008

[Notary's Seal Here]

My Commission Expires:

1054808.1