

Form PTO -1619A
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05-24-1999



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

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Docket No. 2852-Z

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Submission Type **5-11-99**

(X) New

() Resubmission (Non-Recordation)
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() Correction of PTO Error
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Conveyance Type

(X) Assignment () Security Agreement

() License () Change of Name

() Merger () Other

U.S. Government
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() Departmental File () Secret File

Conveying Party(ies)

() Mark if additional names of conveying parties attached

Execution Date

Month Day Year

Name (line 1) Timothy F. Cox

Name (line 3) Francis D. Natali

(1&2) 03 31 99

Name (line 2) John E. Ohlson

Name (line 4) Shilpa Talwar

(3) 04 01 99

(4) 04 06 99

Second Party

Name (line 1)

Execution Date

Month Day Year

Name (line 2)

Receiving Party

() Mark if additional names of receiving parties attached

Name (line 1) STANFORD TELECOMMUNICATIONS, INC.

Name (line 2)

Address (line 1) 1221 Crossman Avenue

Address (line 2)

Address (line 3) Sunnyvale
city

California
State/Country

94088-3733
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
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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)

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PATENT
REEL: 009960 FRAME: 0564

Correspondent Name and Address Area Code and Telephone Number (703 684-8333)Name **Jim Zegeer**Address (line 1) **801 N. Pitt Street**Address (line 2) **Suite 108**Address (line 3) **Alexandria, Virginia 22314**

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments.# 3**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)

09/250,845

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 Treat (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.

1**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed ()

Deposit Account (X)

Deposit Account

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

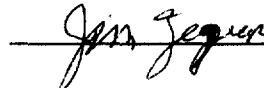
Deposit Account Number:

26-0090

Authorization to charge additional fees:

Yes (X)

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.*Jim ZegeerMay 11, 1999

Name of Person Signing

Signature

Date

WHEREAS, we, Timothy F. Cox, Francis D. Natali, John E. Ohlson and Shilpa Talwar, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled APPARATUS FOR INCORPORATING MULTIPLE DATA RATES IN AN ORTHOGONAL DIRECT SEQUENCE CODE DIVISIONAL MULTIPLE ACCESS (QDS-CDMA) COMMUNICATIONS SYSTEM and executed by us the _____ day of _____, 1999, and the _____ day of _____, 1999, respectively, the hereinafter named assignee being hereby authorized to insert the said Serial Number and filing date in the space below when ascertained;

AND WHEREAS, STANFORD TELECOMMUNICATIONS, INC., a corporation of the State of Delaware, and having a place of business at 1221 Crossman Avenue, Sunnyvale, CA 94088-3733 is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for good and valuable consideration in hand, receipt of which is hereby acknowledged, we have agreed to and do hereby sell, assign, and transfer unto said corporation our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND we hereby covenant and agree for ourselves, our heirs, and our legal representatives, to assist the said assignee in the prosecution of said application and in any interference which may arise involving said invention, and, upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them.

AND we do hereby authorize and request the Commissioner of Patent and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

IN WITNESS WHEREOF, we have hereunto set our hand and affixed our seal.

3/31/99
Date

Timothy F. Cox
Timothy F. Cox

Date

Francis D. Natali
Francis D. Natali

3-31-99
Date

John E. Ohlson
John E. Ohlson

Date

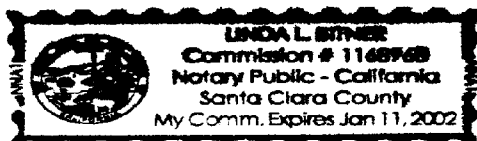
Shilpa Talwar
Shilpa Talwar

U.S. SERIAL NO. 09/250,845
FILED February 17, 1999

State of California
County of Santa Clara

On this 31 day of March, 1999, before me a Notary Public, personally appeared the above-named, Timothy F. Cox, John E. Ohlson
☒ personally known to me - OR
☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Linda L. Biner
Signature of Notary Public

WHEREAS, we, Timothy F. Cox, Francis D. Natali, John E. Ohlson and Shilpa Talwar, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled APPARATUS FOR INCORPORATING MULTIPLE DATA RATES IN AN ORTHOGONAL DIRECT SEQUENCE CODE DIVISIONAL MULTIPLE ACCESS (ODS-CDMA) COMMUNICATIONS SYSTEM and executed by us the _____ day of _____, 1999, and the _____ day of _____, 1999, respectively, the hereinafter named assignee being hereby authorized to insert the said Serial Number and filing date in the space below when ascertained;

AND WHEREAS, STANFORD TELECOMMUNICATIONS, INC., a corporation of the State of Delaware, and having a place of business at 1221 Crossman Avenue, Sunnyvale, CA 94088-3733 is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for good and valuable consideration in hand, receipt of which is hereby acknowledged, we have agreed to and do hereby sell, assign, and transfer unto said corporation our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND we hereby covenant and agree for ourselves, our heirs, and our legal representatives, to assist the said assignee in the prosecution of said application and in any interference which may arise involving said invention, and, upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them.

AND we do hereby authorize and request the Commissioner of Patent and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

IN WITNESS WHEREOF, we have hereunto set our hand and affixed our seal.

Date

✓ 4/1/99
Date

Date

Date

Timothy F. Cox

✓ Francis D. Natali
Francis D. Natali

John E. Ohlson

Shilpa Talwar

U.S. SERIAL NO. 09/250,845
FILED February 17, 1999

State of
County of

On this 1st day of April, 1999, before me a Notary Public, personally appeared the above-named, Francis D. Natali

☐ personally known to me - OR -
☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Leslie Freitas
Signature of Notary Public LESLIE FREITAS
My Comm. Expires 12/4/2002

WHEREAS, we, Timothy F. Cox, Francis D. Natali, John E. Ohlson and Shilpa Talwar, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled APPARATUS FOR INCORPORATING MULTIPLE DATA RATES IN AN ORTHOGONAL DIRECT SEQUENCE CODE DIVISIONAL MULTIPLE ACCESS (ODS-CDMA) COMMUNICATIONS SYSTEM and executed by us the _____ day of _____, 1999, and the _____ day of _____, 1999, respectively, the hereinafter named assignee being hereby authorized to insert the said Serial Number and filing date in the space below when ascertained;

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NOW, THEREFORE, for good and valuable consideration in hand, receipt of which is hereby acknowledged, we have agreed to and do hereby sell, assign, and transfer unto said corporation our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND we hereby covenant and agree for ourselves, our heirs, and our legal representatives, to assist the said assignee in the prosecution of said application and in any interference which may arise involving said invention, and, upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them.

AND we do hereby authorize and request the Commissioner of Patent and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

IN WITNESS WHEREOF, we have hereunto set our hand and affixed our seal.

✓
Date

✓
Timothy F. Cox

✓
Date

✓
Francis D. Natali

✓
Date

✓
John E. Ohlson

✓ April 6, 1999
Date

✓ *S. Talwar* *Shilpa Talwar*
Shilpa Talwar

U.S. SERIAL NO. 09/250,845
FILED February 17, 1999

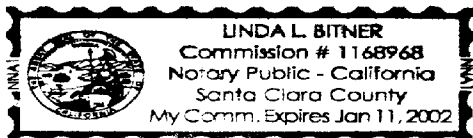
State of
County of

California
Santa Clara
On this 06 day of April, 1999, before me a Notary Public, personally appeared the above-named, Shilpa Talwar

☒ personally known to me - OR -

☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Linda L. Bitner
Signature of Notary Public