

RECOR

08-30-2004

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings ⇌⇌⇌

To the honorable Commissioner of

102824437

Original documents or copy thereof.

1. Name of conveying party(ies):

John A. Toebes
Wen-hsiung Chen
Fang Wu
Dov Rosenfeld

8-18-04

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: August 18, 2004

2. Name and address of receiving party(ies)

Name: Cisco Technology, Inc.

Internal Address: _____

Street Address: Mail Stop SJC 10/2/1

170 W. Tasman Drive

City: San Jose State: CA Zip: 95134

Additional name(s) & address(es) ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: August 18, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Dov Rosenfeld

Inventek

Internal Address: _____

Street Address: 5507 College Avenue, Suite 2

City: Oakland State: CA Zip: 94618

6. Total number of applications and patents involved:

1

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

- ☒ Enclosed as Credit Card Charge Form
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0292

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

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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.

Dov Rosenfeld

Name of Person Signing

X

Signature

August 18, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

00 FC:

08/24/2004 KBETEMAI 00000042 10922508

40.00

01 FC:8021

Ref. No. CISCO-8985

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION, We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto Cisco Technology, Inc., a corporation organized under the laws of California as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

TWO-DIMENSIONAL VARIABLE LENGTH CODING OF RUNS OF ZERO AND NON-ZERO TRANSFORM
COEFFICIENTS FOR IMAGE COMPRESSION

Rosenfeld, 5507 College Avenue, Suite 2, Oakland, CA 94618, the specification of which is attached hereto unless the following is checked ☐ and filed on , as Application Serial No. , and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.


We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.



Inventor's Signature

18 August 2004
DATEInventor's Printed Name: John A. Toebe

Witness statement: On the date above personally came the above named John A. Toebe and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Witness 1 Signature Eileen M. CusykPrinted Name of Witness 1: Eileen M. Cusyk

BEST AVAILABLE COPY

Inventor's Signature_____
DATEInventor's Printed Name: Wen-hsiung Chen

Witness statement: On the date above personally came the above named Wen-hsiung Chen and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Witness 1 Signature _____

Printed Name of Witness 1: _____

Inventor's Signature_____
DATEInventor's Printed Name: Fang Wu

Witness statement: On the date above personally came the above named Fang Wu and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Witness 1 Signature _____

Printed Name of Witness 1: _____

Inventor's Signature_____
DATEInventor's Printed Name: Dov Rosenfeld

Witness statement: On the date above personally came the above named Dov Rosenfeld and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Witness 1 Signature _____

Printed Name of Witness 1: _____

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Assignment Page 1

Docket/Ref. No. CISCO-8985

Ref. No. CISCO-8985

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FOR GOOD AND VALUABLE CONSIDERATION, We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto Cisco Technology, Inc., a corporation organized under the laws of California as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

TWO-DIMENSIONAL VARIABLE LENGTH CODING OF RUNS OF ZERO AND NON-ZERO TRANSFORM
COEFFICIENTS FOR IMAGE COMPRESSION

described in an application for Letters Patent of the United States, identified as Docket/Ref. No. CISCO-8985, at Dov Rosenfeld, 5507 College Avenue, Suite 2, Oakland, CA 94618, the specification of which is attached hereto ~~unless the following is checked _____ and filed on _____~~, as Application Serial No. _____, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Inventor's Signature_____
DATEInventor's Printed Name: John A. Toebes

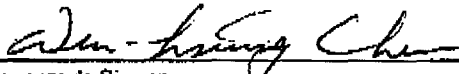
Witness statement: On the date above personally came the above named John A. Toebes and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Witness 1 Signature_____
Printed Name of Witness 1:

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Assignment Page 2

Docket/Ref. No. CISCO-8985


Inventor's Signature8/4/2004
DATEInventor's Printed Name: Wen-hsiung Chen

Witness statement: On the date above personally came the above named Wen-hsiung Chen and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.


Witness 1 Signature



Printed Name of Witness 1:

RAMANATHAN T. JAGADEESAN

Inventor's Signature

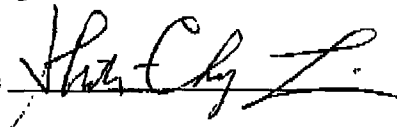


DATE

8/4/2004Inventor's Printed Name: Fang Wu

Witness statement: On the date above personally came the above named Fang Wu and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Witness 1 Signature



Printed Name of Witness 1:

shih-chung Lin

Inventor's Signature



DATE

Inventor's Printed Name: Dov Rosenfeld

Witness statement: On the date above personally came the above named Dov Rosenfeld and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

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Printed Name of Witness 1:

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Inventor's Signature DATE

Inventor's Printed Name: John A. Toebes

Witness statement: On the date above personally came the above named John A. Toebes and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Witness 1 Signature _____ Printed Name of Witness 1: _____

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Inventor's Signature_____
DATEInventor's Printed Name: Wen-hsiung Chen

Witness statement: On the date above personally came the above named Wen-hsiung Chen and executed the foregoing assignment before me/us. The above named individual is personally known by me/us or proved to me/us on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment before me/us. The above named individual acknowledged to me/us that he/she executed the same of his/her own free will for the use and purposes therein set forth.

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Witness 1 Signature _____

Printed Name of Witness 1: _____


Inventor's SignatureAugust 18, 2004
DATEInventor's Printed Name: Dov Rosenfeld

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Witness 1 Signature Amy DruryPrinted Name of Witness 1: Amy Drury

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RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

PATENTS ONLY

Tab settings ⇨⇨⇨

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

1. Name of conveying party(ies):

John A. Toebes
Wen-hsiung Chen
Fang Wu
Dov Rosenfeld

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

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170 W. Tasman Drive

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A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Dov Rosenfeld

Inventek

Internal Address: _____

Street Address: 5507 College Avenue, Suite 2

City: Oakland State: CA Zip: 94618

6. Total number of applications and patents involved:

1

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

☒ Enclosed as Credit Card Charge Form

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0292

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

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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.

Dov Rosenfeld

Name of Person Signing

X
Signature

August 18, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

17302 U.S. PTO
10/9/2008

081804

RECORDED: 08/18/2004

PATENT
REEL: 015721 FRAME: 0597