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SUBMISSION TYPE	E: NEW ASSIGNMENT				
NATURE OF CONVE	EYANCE: ASSIGNMENT				
CONVEYING PART	Y DATA				
		Name	Execution Date		
Wen-hsiung Chen			03/12/2007		
			03/12/2007		
John A. Toebes			03/13/2007		
Dihong ⊺ian			03/12/2007		
RECEIVING PARTY	DATA				
Name:	Cisco Techno	blogy, Inc.			
Street Address:	170 W. Tasm	an Drive			
Internal Address:	Mail Stop SJ	Mail Stop SJC 10/2/1			
City:	San Jose				
State/Country:					
Postal Code:	95134				
Property Type Number			ber		
		11686860			
CORRESPONDENC	E DATA				
Fax Number:	(510)29	1-2985			
	. ,	Mail when the fax attempt is unsucces	sful.		
Phone: 510-547-3378					
Email: dov@inventek.com					
Correspondent Name: Dov Rosenfeld Address Line 1: 5507 College Avenue. #2					
Address Line 1:5507 College Avenue, #2Address Line 4:Oakland, CALIFORNIA 94618					
ATTORNEY DOCKET NUMBER: CISCO15314					
		Dev Decenteld			
NAME OF SUBMITT	ER:	Dov Rosenfeld			
	ER:		PATENT		

Total Attachments: 7
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tian, et al.

Application No.: 11/686,860

Filed: March 15, 2007

Title: PER MULTI-BLOCK PARTITION BREAKPOINT DETERMINING FOR HYBRID VARIABLE LENGTH CODING Group Art Unit: Examiner: (Unassigned)

REQUEST FOR RECORDATION OF ASSIGNMENT

Mail Stop Assignment Recordation Services Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Commissioner:

Enclosed herewith for recordation in the records of the U.S. Patent and Trademark Office is an original Assignment (or a copy of an original), an Assignment Cover Sheet, and \$40.00. Please record and return the Assignment.

Respectfully Submitted,

<u>March 15, 2007</u> Date /Dov Rosenfeld/ #38687 Dov Rosenfeld, Reg. No. 38687

Address for correspondence:

Dov Rosenfeld 5507 College Avenue, Suite 2 Oakland, CA 94618 Tel. (510) 547-3378; Fax: (510) 291-2985

Form PTO-1595 (Rev. 03/01) RECORDATION FOR				
OMB No. 0651-0027 (exp. 5/31/2002)	U.S. Patent and Trademark Office			
Tab settings 다다 🗸 🔶 🗸	ψ ψ ψ			
To the honorable Commissioner of Patents and Tra	ademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies):	 Name and address of receiving party(ies) Name: <u>Cisco Technology</u>, Inc. 			
Dihong Tian	Internal Address:			
Wen-hsiung Chen				
Pi Sheng Chang				
John A. Toebes Additional name(s) of conveying party(ies) attached? Yes X No				
3. Nature of conveyance:				
X Assignment Merger				
Security Agreement Change of Name	Street Address: <u>Mail Stop SJC 10/2/1</u>			
	170 W. Tasman Drive			
Other	-			
Execution Date: March 13, 2007	City: <u>San Jose</u> State: <u>CA</u> Zip: <u>95134</u> Additional name(s) & address(es) Yes X No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the	e execution date of the application is: <u>March</u> 15, 2007			
A. Patent Application No.(s) 11/686,860	B. Patent No.(s)			
Additional numbers at	I tached? Yes X No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: Dov Rosenfeld				
	7. Total fee (37 CFR 3.41)			
Inventek X Fee being paid by EFS Web by credit card payment				
Internal Address:				
	X Authorized to be charged to deposit account			
Street Address: <u>5507 College Avenue, Suite 2</u>	8. Deposit account number:			
	50-0292			
City: <u>Oakland</u> State: <u>CA</u> Zip: <u>94618</u>	(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.				
Dov Rosenfeld /Dov Rosenfe				
Name of Person Signing Total number of pages including cover sheet	Signature Date			
Total number of pages including cover sheet, attachments, and documents: 6 Nail documents to be recorded with required cover sheet information to:				

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

OME No. 0661-0227 (eg. 551:000?) PATENTS ONLY • To be hororade. Correlations of Patents and Trademarks: Peaks means then attached original cacuments or may thread. 1. Name of conveying party(les). • Diftiong Tian * Wen-hsiung Chen * P1 Sheng Chang	Form PTO-1595 (Rev. 03/01) RECORDATION FOR	RM COV	ER SHEET			U.S. DEPARTMENT OF COMMERCE
To the honorable Commissioner of Patenband Tradematiks: Please record the attached original documents or copy thereot. 1. Name of conveying party(ies): Dihong Tian Wen-hsitung Chen Pi Sheng Chang John A. Toebes Auture of conveying party(ies): Marker Science Technology Inc. Internal Address: Assignment Other Other Other Other Application number(s): If this document is being filed together with a new application, the execution date of the application is: March 15, 2007 A. Patent Application No.(s) Street Address: Marker Science Cannobact Name and address of party to whom correspondence concording document should be mailed: Name, Dov Rosenfeld Internal Address: Marker Science Cannobact Street Address.	OMB No. 0651-0027 (exp. 5/31/2002)	S ON	ILY			U.S. Patent and Trademark Office
1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Dihong Tian Wan-hsiung Chen Wen-hsiung Chen Pi Sheng Chang John A. Toebes Name: <u>Cisco Technology, Inc.</u> Matteriation transfer of conveying partyles) attached? Yes Matteriation transfer of conveyance: Street Address: <u>Mail Stop SJC 102/1</u> Other Change of Name Other Change of Name Other Change of Name Other City: <u>San Jose</u> Execution Date: <u>March 13, 2007</u> City: <u>San Jose</u> A Application number(s) or patent number(s): B. Patent No.(s) If this document is being filed together with a new application, the execution date of the application is: <u>March 15, 2007</u> A. Patent Application No.(s) 11/686,860 B. Patent No.(s) B. Patent No.(s) Additional numbers attached? Yes Name: <u>Dov Resenfeld</u> 7. Total fee (37 CFR 3.41). Inventek Street Address: <u>5507 College Avenue. Suite 2</u> City: <u>Qakland</u> Stale: <u>QA</u> Stale: <u>QA</u> Zip: <u>94018</u> Internal Address: <u>5507 College Avenue. Suite 2</u> 10.Deposit account number: Sizeet Address: <u>5507</u>	Tab settings \Rightarrow \Rightarrow \checkmark \checkmark \checkmark \checkmark		\mathbf{h}	\mathbf{h}	\mathbf{h}	↓
Name: Cisco Technology. Inc. When-hsiung Chen Pi Sheng Chang John A. Toebes Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of the conveyance: Additional name	To the honorable Commissioner of Patents and Tra	ademarks:	Please record the	e attached origin	al documents o	or copy thereof.
Dihong Tian Internal Address: Wen-hsiung Chen Internal Address: Pisheng Chang Internal Address: John A. Toebes Street Address: Mational name/site Internal Address: Other Change of Name Other Change of Name Other Change of Name Other Cliv: San Jose Execution Date: March 13, 2007 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: March 13, 2007 Additional numbers attached? Yes A patent Application number(s) or patent number(s): B. Patent No.(s) If this document is being filed together with a new application, the execution date of the application is: March 15, 2007 A Patent Application No.(s) 11/686.800 B. Patent No.(s) Street Address: 500 Rosenfield 7. Total fee (37 CFR 3.41). Street Address: Inventex Street Address: 500 Rosenfield 7. Total fee (37 CFR 3.41). Street Address: Street Address: Store: Street Address: 500 Rosenfield 10. Deposit account number: Street Address:	1. Name of conveying party(ies):					
Pi Sheng Čhang John A. Toebes John A. Toebes Additional mane(s) of conveying partyles) atached? Yes Nature of conveyance: No Street Address: Mail Stop SJC 10/2/1 10 Other City: San Jose 20 Other City: San Jose Execution Date: March 13, 2007 Additional name(s) & address(s) 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: March 15, 2007 A. Patent Application No.(s) 11/686,860 B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name; Dov Rosenfeld 7. Total fee (37 CFR 3.41)	Dihong Tian					
John A. Toebes's Additional name(s) of conseyance: \[] \[] Assignment \[] Merger \[] \[] Assignment \[] Change of Name \[] Other Change of Name \[] Other City: San Jose Execution Date: March 13, 2007 Additional name(s) & address(es) 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: March 15, 2007 A. Patent Application Nu.(s) 11/686,860 B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name; Dov Rosenfeld 7. Total fee (37 CFR 3.41)	•					
Additional name(s) of conveying partyles) attached? Ves No 3. Nature of conveying partyles) attached? Ves No 3. Nature of conveying partyles) attached? Street Address: Mail Stop SJC 10/2/1 170 W. Tasman Drive 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): B. Patent No.(s) Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	÷ ÷					
3. Nature of conveyance:						
X Assignment Merger Security Agreement Change of Name Other To 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: March 15, 2007 A. Patent Application No.(s) 11/686,860 B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Dov Rosenfeld 7. Total fee (37 CFR 3.41). \$40.00 X Inventek. X Authorized to be charged to deposit account 1 Street Address: 5507 College Avenue, Suite 2 50-0292 50-0292 50-0292 City: Dakland State: CA Zip: 94618 (Attach duplicate copy of this page if paying by deposit account) Cov Rosenfeld In:Statement and signature. Do Nor USE THIS SPACE 11: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 c]					
Street Address: Mail Stop SJC 10/2/1 Dther Change of Name Dther To W. Tasman Drive City: San Jose State: CA Zip: 95134 Additional number(s) or patent number(s): Kithis document is being filed together with a new application, the execution date of the application is: March 15, 2007 Name A. Patent Application No.(s) 11/686,860 B. Patent No.(s) Street Address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Dov Rosenfeld 7. Total fee (37 CFR 3.41). \$40.00 Internal Address: Street Address: 5507 College Avenue, Suite 2 50-0292 City: Qakland State: CA Zip: 94618 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. Street Address: 5507 Dov Rosenfeld						
170 W. Tasman Drive City: San Jose State: CA Zip: 95134 Additional number(s) or patent number(s): It his document is being filed together with a new application, the execution date of the application is: March 15, 2007 Name Additional number(s) & address(cs) Yes No A. Patent Application No.(s) 11/686,860 B. Patent 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: 6. Total number of applications and patents involved: 1 Name; Dov Rosenfeld 7. Total fee (37 CFR 3.41). \$40.00 \$40.00 Inventek [5. Quere Address: 5507 College Avenue, Suite 2 10.Deposit account number: Street Address: 5507 College Avenue, Suite 2 10.Deposit account number: \$0.0292 (City: Qakland State: CA Zip: 94618 Attach duplicate copy of this page if paying by deposit account) Instatement 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. Dot Nor Use THIS SPACE INStatement and Signature. [Dov Rosenfeld! #38687 March 15, 2007 Date Total number of pages including cover sheet, attachme			Street A	ddress: <u>Mail</u>	Stop SJC 1	10/2/1
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Execution Date: March 13, 2007 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: March 15, 2007 A. Patent Application No.(s) 11/686,860 B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name; Dov Rosenfeld 7. Total fee (37 CFR 3.41). \$40.00 \$40.00 Inventek Street Address: Storet Address: \$40.00 \$40.00 Street Address: Zip: 94618 (Attach duplicate copy of this page if paying by deposit account) 10.Deposit account number: 50-0292 State: CA Zip: 94618 (Attach duplicate copy of this page if paying by deposit account) 11.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. Oo Ov Rosenfeld /Dov Rosenfeld/#38687 March 15, 2007 Name of Person Signing Signature Date </td <td></td> <td></td> <td><u>170 W. T</u></td> <td>asman Drive</td> <td></td> <td></td>			<u>170 W. T</u>	asman Drive		
Execution Date: <u>March 13, 2007</u> Additional name(s) & address(es) Yes X 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: <u>March 15, 2007</u> A. Patent Application No.(s) 11/686,660 B. Patent No.(s) Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name; Dov Rosenfeld 7. Total fee (37 CFR 3.41)		-	Citv: Sar	n Jose – St	ate: CA	Zip: 95134
If this document is being filed together with a new application, the execution date of the application is: March 15, 2007 A. Patent Application No.(s) 11/686,860 B. Patent No.(s) Additional numbers attached? Yes Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Dov Rosenfeld 7. Total fee (37 CFR 3.41)\$40.00 Inventek X Internal Address: X Street Address: 50-0292 City: Oakland State: CA Zip: 94618 Vatach duplicate copy of this page if paying by deposit account) Do Not USE THIS SPACE 11.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. Dox Rosenfeld /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing Signature Date	Execution Date: <u>March 13, 2007</u>					
If this document is being filed together with a new application, the execution date of the application is: March 15, 2007 A. Patent Application No.(s) 11/686,860 B. Patent No.(s) Additional numbers attached? Yes Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Dov Rosenfeld 7. Total fee (37 CFR 3.41)\$40.00 Inventek X Internal Address: X Street Address: 50-0292 City: Oakland State: CA Zip: 94618 Vatach duplicate copy of this page if paying by deposit account) Do Not USE THIS SPACE 11.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. Dox Rosenfeld /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing Signature Date	4. Application number(s) or patent number(s):					
A. Patent Application No.(s) 11/686,860 B. Patent No.(s) Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Dov Rosenfeld 7. Total fee (37 CFR 3.41) \$40.00 Inventek X Fee being paid by EFS Web by credit card payment Internal Address: X Authorized to be charged to deposit account Street Address: 50-0292 10.Deposit account number: City: Oakland State: CA Zip: 94618 VO NOT USE THIS SPACE 11.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 ./Dov Rosenfeld/#38687 March 15, 2007 Name of Person Signing ./Dov Rosenfeld/#38687 March 15, 2007 Name of Person Signing ./Dov Rosenfeld/#38687 March 15, 2007 Name of Person Signing ./Dov Rosenfeld/#38687 March 15, 2007 Name of Person Signing ./Dov Rosenfeld/#38687 March 15, 2007 Name of Person Signing ./Dov Rosenfeld/#38687 March 15, 2007		o ovocutic	on data of the a	polication is:	March 15 0	0007
Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Dov Rosenfeld 7. Total fee (37 CFR 3.41). 1 Inventek X Fee being paid by EFS Web by credit card payment Internal Address: X Authorized to be charged to deposit account Street Address: 507 College Avenue, Suite 2 50-0292 City: Qakland State: CA Zip: 94618 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 11.Statement and signature. Dov Rosenfeld #38687 March 15, 2007 Name of Person Signing // Dov Rosenfeld #38687 March 15, 2007 Name of Person Signing Signature Date				ipplication is	<u>iviai (11-13, 2</u>	.007
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Dov Rosenfeld 7. Total fee (37 CFR 3.41)	A. Patent Application No.(s) 11/000,000	Б.	Patent No.(S)			
concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Dov Rosenfeld 7. Total fee (37 CFR 3.41) \$40.00 Inventek X Fee being paid by EFS Web by credit card payment Internal Address: X Fee being paid by EFS Web by credit card payment Street Address: 5507 College Avenue, Suite 2 10.Deposit account number: Street Address: 50-0292 10.Deposit account number: City: Oakland State: CA Zip: 94618 I1.Statement and signature. Concerned to deposit account) Do NOT USE THIS SPACE 11.Statement and signature. ////////////////////////////////////	Additional numbers at	tached?	Yes 2	X No		
Inventek		6. Tota	al number of a	applications a	nd patents	involved: 1
Inventek X Fee being paid by EFS Web by credit card payment Internal Address: X Authorized to be charged to deposit account Street Address: 10.Deposit account number: Street Address: 50-0292 City: Oakland State: CA Zip: 94618 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 11.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 /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: G	Name <u>: Dov Rosenfeld</u>	7 Tot	al foo (37 CEE	2 3 1 1)		\$40.00
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Image: Street Address:5507 College Avenue, Suite 2 Image: Street Address:5507 College Avenue, Suite 2 10.Deposit account number: Street Address:5507 College Avenue, Suite 2 50-0292 City: Oakland State: CA Zip: 94618 Katach duplicate copy of this page if paying by deposit account) Image: CONT USE THIS SPACE 11.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 /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: G			Fee being p	baid by EFS V	Veb by crea	dit card payment
Street Address: 10.Deposit account number: Street Address: 10.Deposit account number: 50-0292 50-0292 City: Oakland State: CA Zip: 94618 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 11.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 /Dov Rosenfeld/#38687 March 15, 2007 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 6	Internal Address:		-			
Street Address: 5507 College Avenue, Suite 2 50-0292 City: Oakland State: CA Zip: 94618 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 11.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 /Dov Rosenfeld/ #38687 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and documents:			Authorized	to be charged	d to deposit	account
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City: Oakland State: CA Zip: 94618 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 11.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 /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 6	Street Address. <u>3507 College Avenue, Suite 2</u>					
DO NOT USE THIS SPACE 11.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 /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and documents: 6		50	-0292			
11.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 /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and documents:	City: <u>Oakland</u> State: <u>CA</u> Zip: <u>94618</u>	(Attach	duplicate copy	of this page if p	aying by dep	posit account)
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 /Dov Rosenfeld/ #38687 March 15, 2007 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 6	DO	NOT US	E THIS SPAC	CE		
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Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 6		ormation	is true and co	orrect and any	/ attached o	сору
Total number of pages including cover sheet, attachments, and documents: 6				March 2		
H H		-			Date	

Mail Stop Assignment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Ref. No. CISCO15314

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 <u>Cisco Technology</u>, Inc., a corporation organized under the laws of <u>California</u> 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

PER MULTI-BLOCK PARTITION BREAKPOINT DETERMINING FOR HYBRID VARIABLE LENGTH CODING

described in an application for Letters Patent of the United States, identified as Docket/Ref. No. <u>CISCO15314</u>, at Dov Rosenfeld, 5507 College Avenue, Suite 2, Oakland, CA 94618, the specification of which is filed concurrent with recording of this assignment, 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.

711Dhans

12 March 2007

Inventor's Signature

Inventor's Printed Name: Dihong Tian

Witness statement: On the date above personally came the above named <u>Dihong Tian</u> 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 <u> </u>	Ramath	Printed Name of Witness 1:	RAM	JAGA DEECAN
------------------------------	--------	----------------------------	-----	-------------

hanny Chen Inventor's Signature

12 March 23-7 DATE

Inventor's Printed Name: Wen-hsiung Chen

Witness statement: On the date above personally came the above named <u>Wen-hsiung</u> 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.

Printed Name of Witness 1: RAM JACADEESAW

Witness 1 Signature <u>1. J. Romett</u>. Printed Name of Witness 1: <u> *Rometry Lineary Printed Name of Witness 1:*<u> *Printed Name of Witness 1: DATE*</u></u>

Inventor's Printed Name: Pi Sheng Chang

Witness statement: On the date above personally came the above named Pi Sheng Chang 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 <u>Y-J. Romand</u>. Printed Name of Witness 1: **RAM** JACA DEESAW

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:

Page 2 of 2

Ref. No. CISCO15314

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 <u>Cisco Technology</u>, Inc., a corporation organized under the laws of <u>California</u> 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

PER MULTI-BLOCK PARTITION BREAKPOINT DETERMINING FOR HYBRID VARIABLE LENGTH CODING

described in an application for Letters Patent of the United States, identified as Docket/Ref. No. <u>CISCO15314</u>, at Dov Rosenfeld, 5507 College Avenue, Suite 2, Oakland, CA 94618, the specification of which is filed concurrent with recording of this assignment, 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.

DATE

Inventor's Printed Name: Dihong Tian

Witness statement: On the date above personally came the above named <u>Dihong Tian</u> 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 who executed the foregoing assignment before me/us. The above named 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:

Page 1 of 2

Inventor's Signature

DATE

Inventor'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

DATE

Inventor's Printed Name: Pi Sheng Chang

Witness statement: On the date above personally came the above named <u>Pi Sheng Chang</u> 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:

nventor's Signature

13 March 2007 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. A oi

Witness 1 Signature Council Multility	Printed Name of Witness 1: BONDIE A	limphreys
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