03-14-2002

SHEET

ASSIGI

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10:	Honorable	Commissioner	OI	Patents	and	i rademarks:	

Please record the attached orig	final document(s) or copy thereof.
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- 1. Name of conveying party(ies)
 - a) Daniel C. Biederman
 - b) Malathy Sethuraman
 - c) Vivian C. Chiang
 - d) Jeffrey P. Chou
 - e) Constantine P. Sapuntzakis
- 2. Name and address of receiving party(ies):
 - a) Name:

Cisco Technology, Inc.

Address:

170 West Tasman Drive

San Jose, California 95134-1706

3. Nature of conveyance

Assignment

Merger

3-14-02

j

Security Agreement Other

Change of Name License Agreement

Execution Date: Daniel C. Biederman-November 1, 2001, Malathy Sethuraman-November 1, 2001

March 7, 2002

4. Application Number(s) or Patent Number(s): Please assign

The title of the (new) application is:

09872989

Vivian C. Chiang-November 1, 2001, Jeffrey P. Chou-March 1, 2002, Constantine P. Sapuntzakis-

APPARATUS AND METHODS FOR COMBINING DATA

5. Please send all correspondence concerning this (these) documents to:

Customer Number: 022434 BEYER WEAVER & THOMAS, LLP P.O. Box 778 Berkeley, CA 94704-0778 Phone (510) 843-6200 Fax (510) 843-6203

6. Total number of applications and patents involved: 1

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

Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. CISCP208)

8. 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.

Date: March 8, 2002

/14/2002 GTDN11 00000234 09872989

FC:581

40.00 DE

Mary R. Olynick

Registration No. 42,963

Attorney Docket No. CISCP208/3890

(Revised 01/96)

(Accompanying Application)

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

APPARATUS AND METHODS FOR COMBINING DATA

(Atty. Docket No.: CISCP208/3890) 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 **Cisco Technology**, **Inc.**, a California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706 (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: Daniel C. Biederman Date: 11/1/01
State of California County of Ss.
On this day of Notary Public, personally appeared Date Brown or 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.

Attorney Docket No.: CISCP208/3890 Page 1 of 3

PATENT REEL: 012657 FRAME: 0468

1 /

WITNESS my hand and official seal.

Notary Signature 2007



2. Inventor Signature:	Date:
Vivian W. Cl	hiang
State of California)) ss.
County of)
, Not	, in the year 2001, before me, tary Public personally appeared, to me on the basis of satisfactory evidence) to be the
person whose name is subscribed to	o the within instrument, and acknowledged to me that
the instrument the person, or the entinstrument.	authorized capacity(ies), and that by his/her signature on ity upon behalf of which the person acted, executed the
WITNESS my hand and offic	iai seai.
Notary Signature	(SEAL)
3. Inventor Signature:	Date:
State of California)) ss.
County of)
On this day of, Not	ary Public, personally appeared,
personally known to me (or proved person whose name is subscribed to he/she executed the same in his/her a	to me on the basis of satisfactory evidence) to be the o the within instrument, and acknowledged to me that authorized capacity(ies), and that by his/her signature on ity upon behalf of which the person acted, executed the
	· 经基本条件 · ·
Notary Signature	

Page 3 of 3

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- 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: _	Date:
	Daniel C. Biederman
State of California)) ss.
County of)
	day of, in the year 2001, before me, Notary Public, personally appeared
person whose name is s	the (or proved to me on the basis of satisfactory evidence) to be the subscribed to the within instrument, and acknowledged to me that it in his/her authorized capacity(ies), and that by his/her signature or in, or the entity upon behalf of which the person acted, executed the

Attorney Docket No.: CISCP208/3890 Page 1 of 3 (Updated 0619/98)

WITNESS my hand and official seal.		
Notary Signature		(SEAL)
2. Inventor Signature: Vivian W. Chiang	Date:	Wilor
State of California) County of) ss.		
On this, day of, in, Notary Public personally ap personally known to me (or proved to me on the basis of sati person whose name is subscribed to the within instrument, ar he/she executed the same in his/her authorized capacity(ies), and the instrument the person, or the entity upon behalf of which the instrument. WITNESS my hand and official seal.	sfactory e nd acknov I that by l	evidence) to be the vledged to me that his/her signature on
Notary Signature		(SEAL)
3. Inventor Signature:	Date:	
State of California) ss. County of) ss. On this day of, in, Notary Public, personally appersonally known to me (or proved to me on the basis of satisfactors).	the year	2001, before me,
person whose name is subscribed to the within instrument, are he/she executed the same in his/her authorized capacity(ies), and the instrument the person, or the entity upon behalf of which the instrument.	d that by l	his/her signature on
WITNESS my hand and official seal. Notary Signature		(864))

4. Inventor Signature:				Date:			
Malathy Sethuran	nan						
State of California)	SS.					
County of)	33.					
County of day of, Notary	Public,	persona	, in Ily ar	the year	2001,	before	me,
personally known to me (or proved to a person whose name is subscribed to the he/she executed the same in his/her author the instrument the person, or the entity usinstrument. WITNESS my hand and official services.	me on to e withing orized co upon bel	he basis i instrume apacity(ie	of sati ent, ar es), and	sfactory nd acknown d that by	evidenc wledged his/her	e) to be l to me signatur	e the that ce on
Notary Signature						The second secon	**************************************
5. Inventor Signature: Constantine P. Sa	puntzakis			Date:			
State of California	`						
State of Camornia)	SS.					
County of	. j	55.					
County of day of, Notary	Public,	persona	, in t lly ap	the year peared _	2001,	before	me,
personally known to me (or proved to a person whose name is subscribed to the he/she executed the same in his/her author the instrument the person, or the entity to instrument. WITNESS my hand and official s	me on the within orized can behinder	he basis of instrumo apacity(ie	of sati ent, an es), and	sfactory of ad acknown that by	evidenc wledged his/her	e) to be l to me signatur	the that e on
Notary Signature							*

Page 3 of 3

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

1. Inventor Signature: _	Date :		
1. Inventor Signature.	Daniel C. Biederman		
State of California)	SS.	
County of)		
On this	day of, Notary Public	, in the year	2001, before me, ed
, personally known to r person whose name is	ne (or proved to me on to subscribed to the within the in his/her authorized cates, or the entity upon behind the control of the control of the entity of the entity of the entity upon behind the control of the control of the entity upon behind the control of	instrument, and acknown activities) and that by	wledged to me that his/her signature on

Attorney Docket No.: CISCP208/3890 (Updated 0619/98)

Page 1 of 3

Notary Signature	
2. Inventor Signature: Vivian W. Chiang	Date:
State of California) County of) ss.	
On this day of, Notary Public, person , personally known to me (or proved to me on the basis o person whose name is subscribed to the within instrumer he/she executed the same in his/her authorized capacity(ies) the instrument the person, or the entity upon behalf of which instrument.	f satisfactory evidence) to be the at, and acknowledged to me that b, and that by his/her signature on
WITNESS my hand and official seal.	
Notary Signature	_ (SFAL)
3. Inventor Signature: Jeffrey P. Chou	Date: 03/01/02
State of California) ss.	
On this day of, Notary Public, person person whose name is subscribed to the within instrument he/she executed the same in his/her authorized capacity(ies the instrument the person, or the entity upon behalf of whitinstrument.	of satisfactory evidence, to be the nt, and acknowledged to me that and that by his/her signature on
WITNESS my hand and official seal.	
Notary Signature	(SEAL)

WITNESS my hand and official seal.

Page 2 of 3

4. Inventor Signature:			Date:	
4. Inventor Signature: Malathy Sethurama	n			
State of California)	SS.		
County of				
On this day of, Notary		c, persona	in the year lly appeare	2001, before me,
, personally known to me (or proved to reperson whose name is subscribed to the he/she executed the same in his/her authorathe instrument the person, or the entity up instrument.	ne on t within rized ca	the basis of instrument apacity(ies),	satisfactory, and ackno and that by	evidence) to be the wledged to me that his/her signature on
WITNESS my hand and official seal.				
Notary Signature			-	(SEAL)
5. Inventor Signature: Contantine P. Sapu	ntzakis		Date:	
State of California)	SS.		
County of)			
On this day of, Notary	Publi	c, persona	in the year lly appeare	2002, before me,
, personally known to me (or proved to a person whose name is subscribed to the he/she executed the same in his/her author the instrument the person, or the entity up instrument.	within	instrument	t, and ackno	wledged to me that his/her signature on
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1. Inventor Signature:	Date:
Daniel C	C. Biederman
State of California)) ss.
County of)
On this day of	, in the year 2001, before me, Notary Public, personally appeared
, personally known to me (or properson whose name is subscribe backbe executed the same in his/	roved to me on the basis of satisfactory evidence) to be the ed to the within instrument, and acknowledged to me that her authorized capacity(ies), and that by his/her signature on e entity upon behalf of which the person acted, executed the

Attorney Docket No.: CISCP208/3890 P. (Updated 0619/98)

Page 1 of 3

Notary Signature	
2. Inventor Signature: Vivian W. Chiang	Date:
State of California) County of	
On this, day of, Notary Public, personally known to me (or proved to me on the basis of person whose name is subscribed to the within instrument he/she executed the same in his/her authorized capacity(ies) the instrument the person, or the entity upon behalf of which instrument.	f satisfactory evidence) to be the it, and acknowledged to me that it, and that by his/her signature on
WITNESS my hand and official seal.	
Notary Signature	<u> </u>
3. Inventor Signature:	Date:
State of California)) ss.	
On this day of, Notary Public, person, personally known to me (or proved to me on the basis of person whose name is subscribed to the within instrument he/she executed the same in his/her authorized capacity(ies the instrument the person, or the entity upon behalf of whitinstrument.	of satisfactory evidence) to be the nt, and acknowledged to me that and that by his/her signature on
WITNESS my hand and official seal.	
Notary Signature	

WITNESS my hand and official seal.

Page 2 of 3

4. Inventor Signature:		Date:	
	Malathy Sethuraman		
State of California)	SS.	
County of			
On this	day of, Notary Public, ne (or proved to me on the	, in the year personally appeared	2001, before me,
person whose name is he/she executed the same	ne (or proved to me on the subscribed to the within in the in his/her authorized capaon, or the entity upon behalf	nstrument, and acknov acity(ies), and that by l	vledged to me that his/her signature on
WITNESS my hand and	official seal.		
Notary Signature			(多粒為1.)
5. Inventor Signature:	Contantine P. Sapuntzakis	Date:	3/7/2002
State of California County ofSanta_	Clara)	SS.	
On this 7, personally known to reperson whose name is		e basis of satisfactory nstrument, and acknown acity(ies), and that by	his/her signature on
WITNESS my hand and	d official seal.	0. 1	· \$(120).}

Page 3 of 3

RECORDED: 03/14/2002