

10-18-2004



ET

102861453

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

BIEDERMAN, Daniel
COLEY, Kenneth
SCHINDLER, Frederick R.

Execution Date(s) 8/20/2004; 8/20/2004 and 9/1/2004
Additional name of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Cisco Technology, Inc.

Internal Address: _____

Street Address: 170 W. Tasman Drive

City: San Jose

State: CA

Country: USA Zip: 95134

Additional Name(s) & address(es) attached? Yes No

17648 U.S. PTO
10/961243



100704

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

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: David B. Ritchie

Internal Address: Thelen Reid & Priest LLP

P.O. BOX 640640

Street Address: _____

City: San Jose

State: CA Zip: 95164-0640

Phone Number : 408.292.5800

Fax Number: 408.287.8040

Email Address: dritchier@thelenreid.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-1698

Authorized User Name Thelen Reid & Priest LL

40.00 DP

10/15/2004 00000005 10961243

9. Signature :

[Signature]
Signature

7 OCT 2004
Date

David B. Ritchie, Reg. No. 31,562

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

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

10/15/2004 00000005 10961243
01 FC:0021

ASSIGNMENT

WHEREAS, we, Daniel Biederman, a citizen of the United States of America, residing at 220 Primrose Drive, San Jose, California 95123, Kenneth Coley, a citizen of the United States of America, residing at 915 Apricot Avenue, #G, Campbell, California 95008 and Frederick R. Schindler, a citizen of Canada, residing at 733 Sheraton Drive, Sunnyvale, California 94087, have invented a "Redundant Power and Data Over a Wired Data Telecommunications Network" for which we have executed application papers for a U.S. patent thereon, which is being filed here with; and

WHEREAS, Cisco Technology, Inc., a California corporation, having a place of business located at 170 W. Tasman Drive, San Jose, California 95134, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Daniel Biederman, Kenneth Coley and Frederick R. Schindler do sell, assign, transfer and set over unto the said Cisco Technology, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Cisco Technology, Inc., its successors and assigns, in accordance with this Assignment.

ASSIGNMENT CONTINUATION

Re: U.S. Patent Application entitled: Redundant Power and Data Over a Wired Data
Telecommunications Network
Inventor: Daniel Biederman
Filing date: Herewith

WITNESS MY HAND at San Jose, California, this 20th day of
August, 2004

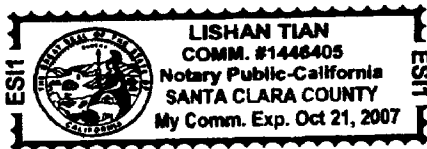
Daniel Biederman
Daniel Biederman

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On this 20th day of August, 2004 before me, Lishan Tian,
a Notary Public, personally appeared Daniel Biederman, ~~personally known to me~~ (or proved to me on the
basis of satisfactory evidence) to be the person/s whose name is/~~are~~ subscribed to the within instrument
and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacities, 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.

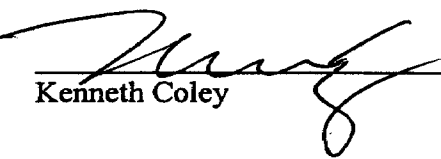
Lishan Tian
NOTARY PUBLIC



ASSIGNMENT CONTINUATION

Re: U.S. Patent Application entitled: Redundant Power and Data Over a Wired Data
Telecommunications Network
Inventor: Kenneth Coley
Filing date: Herewith

WITNESS MY HAND at SAN JOSE, California, this 20th day of
August, 2004

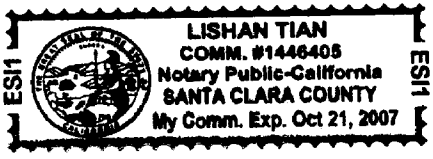

Kenneth Coley

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On this 20th day of Aug., 2004 before me, Lishan Tian
a Notary Public, personally appeared Kenneth Coley, ~~personally known to me~~ (or proved to me on the
basis of satisfactory evidence) to be the person/s whose name is/~~are~~ subscribed to the within instrument
and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacities, 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.


NOTARY PUBLIC



ASSIGNMENT CONTINUATION

Re: U.S. Patent Application entitled: Redundant Power and Data Over a Wired Data
Telecommunications Network
Inventor: Frederick R. Schindler
Filing date: Herewith

WITNESS MY HAND at San Jose, California, this 1 day of
Sept., 2004

Frederick R. Schindler
Frederick R. Schindler

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2004 before me, _____,
a Notary Public, personally appeared Frederick R. Schindler, personally known to me (or proved to me
on the basis of satisfactory evidence) to be the person/s whose name is/are subscribed to the within
instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacities, 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.

NOTARY PUBLIC