

03-17-1999



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECORDATION COVER SHEET

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Sir:

Please record the attached original document or copy thereof.

1. Name of conveying parties: Donald Robert PANNELL
and Robert D. HEMMING

2. Name and address of receiving party:

I-CUBE, INC.
2605 S. Winchester Blvd.
Campbell, California 95008

3. The conveyance is an ASSIGNMENT and was executed on

4. Properties affected: The patent application that
was executed on 2/25/99 for MODULAR NETWORK
SWITCH WITH PEER-TO-PEER ADDRESS MAPPING COMMUNICATION

5. Correspondence regarding the document should be
mailed to the address at the bottom of this cover sheet.

6. Total number of properties affected: 1

7. A check including the amount of \$40.00 for the fee
under 37 CFR 3.41 is enclosed.

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.

03/11/1999 DALEXAND 00000005 09258183

02 FC:581

Respectfully submitted,


Daniel J. Bedell

2/25/1999
Date

SMITH-HILL AND BEDELL, P.C.
12670 N.W. Barnes Road, Suite 104
Portland, Oregon 97229
Tel. (503) 574-3100
Fax (503) 574-3197

1660



PATENT
REEL: 9812 FRAME: 0151

Attorney's Docket No. 1660

A S S I G N M E N T

(To Be Submitted With Application)

WHEREAS, we, Donald Robert Pannell and Robert D. Hemming, a resident of Cupertino, California and a resident of Ben Lomond, California, respectively, are joint inventors of an improvement in or relating to MODULAR NETWORK SWITCH WITH PEER-TO-PEER ADDRESS MAPPING COMMUNICATION for which we are about to make application for Letters Patent of the United States of America.

WHEREAS, I-CUBE, INC., a corporation organized under the laws of the State of California, having a place of business at 2605 S. Winchester Blvd., Campbell, California 95008-5320, is desirous of acquiring an interest therein.

NOW, THEREFORE, in consideration of One Dollar (\$1) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Donald Robert Pannell and Robert D. Hemming, assign and transfer to I-CUBE, INC., our entire legal and equitable right, title, and interest for the territory of the United States of America, and for all foreign countries, in and to the invention described and claimed in the application executed by us on 2/24/99, preparatory to obtaining Letters Patent of the United States for said invention (and we authorize our attorneys of record to insert the date of execution of the application); said invention, application, and Letters Patent in this or any foreign country, and all divisions, continuations, reissues, and extensions thereof, to be held and enjoyed by the said I-CUBE, INC. for its own use and behalf, and for its successors and assigns, to the full end of the term for which Letters Patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and we warrant that we have full right to do so, and agree that we shall communicate to the said I-CUBE, INC., or its successors and assigns any facts known to us respecting said invention, and

testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful declarations, and generally do everything possible to aid I-CUBE, INC., its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

EXECUTED at Campbell, California, this 24 day of February, 1999, by

Donald Robert Pannell
Donald Robert Pannell

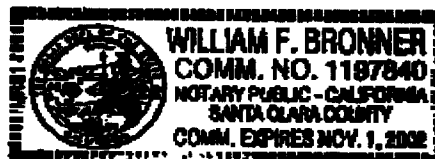
STATE OF CALIFORNIA)
) ss.
County of SANTA CLARA)

On 24 FEBRUARY 1999 before me,
WILLIAM F. BRONNER, Notary Public, personally appeared Donald Robert Pannell, 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, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

William F. Bronner
Notary Signature

(SEAL)



EXECUTED at Campbell, California, this 24 day of February, 1999, by

Robert D. Hemming
Robert D. Hemming

STATE OF CALIFORNIA)
) ss.
County of SANTA CLARA)

On 24 FEBRUARY 1999 before me,
WILLIAM F. BRONNER, Notary Public, personally appeared Robert D. Hemming, 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, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

William F. Bronner
Notary Signature

(SEAL)

