10-31-2000	ATTORNEY DOCKET NO: M-8875 US
	U.S. DEPARTMENT OF COMMERC VER SHEET Patent and Trademark Office LY
101500792 To the Honorable Director of the United States Patent and Ligger	 Please record the attached original documents or copy
thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
(a) Charles Barry, Jason Fan, Robert Stillman,	Name: <u>Luminous Networks, Inc.</u>
Inwhan Choi, and David Watson	Street Address: <u>10460 Bubb Road</u>
	City: <u>Cupertino</u> State: <u>CA</u> Zip: <u>95014</u>
Additional name(s) of conveying party(ies) attached?	Country: <u>US</u>
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address:
	City: State: Zip:
Other	Country:
Execution Date: <u>9/18/00; 9/19/00</u>	
 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:
 A. Patent Application No.(s) - 09/574,745 Title: Synchronization Of Asynchronous Networks Using Media Access Control (MAC) Layer Synchronization Additional numb 	B. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: <u>1</u>
Name: Brian D. Ogonowsky	
Internal Address: <u>SKJERVEN_MORRILL_MacPHERSON LLP</u>	
Street Address: 25 METRO DRIVE, SUITE 700	7. Total fee (37 CFR 3.41): <u>\$40.00</u>
City <u>SAN JOSE</u> State <u>CA</u> ZIP <u>95110</u>	Authorized to be charged to Deposit Account 19-2386
	Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid
01/2000 AAHNED1 00000052 192386 09574745 DO NO	T USE THIS SPACE
FC:581 40.00 CH	
9. Statement and signature	
 Statement and signature. To the best of my knowledge and belief, the foregoing informal of the original document. 	lion is true and correct and any attached copy is a true copy
Brian D. Ogonowsky 31,988 Name of Person Signing	1/25/00 Signature 9/25/00 Date
	Tota number of pages comprising cover sheet: 4
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PATENT REEL: 011179 FRAME: 0438

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Barry, Charles; Choi, Inwhan; Fan, Jason; Stillman, Robert; and Watson, David

hereby sell, assign and transfer to Luminous Networks, Inc., a California corporation, having a place of business at 10460 Bubb Road, Cupertino, CA 95014, its successors and assigns, the entire right, title and interest throughout the world in our invention in

SYNCHRONIZATION OF ASYNCHRONOUS NETWORKS USING MEDIA ACCESS CONTROL (MAC) LAYER SYNCHRONIZATION

for which we filed a United States Patent Application on May 18, 2000, and now has Serial No. 09/574,745, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

e, its success. Executed this 18th day of <u>Septenber</u>, 2000. <u>Ran</u> Charles F. Barry State of <u>AUFORN</u>(A)) ss. County of JANTA CLARA) On SEPT 18, 2000 before me, MARIE E. BRESANI

(Notary) personally appeared Charles F. Barry 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 executed the same in his authorized capacity, and that by his 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.

Marie C. Bresard SIGNATURE OF NOTARY

PATENT REEL: 011179 FRAME: 0439

Executed this <u>18</u> day of <u>September</u> , 2000.
Inwhan Choi
State of CALIFORNIA
State of $CALIFURNIA) ss.County of SFATA CLADAT$
On SEPT. 18, 2000 before me, MARIE E. BRESANI
(Notary) personally appeared Inwhan Choi 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 executed the same in his authorized capacity, and
that by his 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.
NOTARY FUSIC CALFORNIA Sinto Clars Councy Sinto Clars Councy Sinto Clars Councy Sinto Clars Councy Sinto Clars Councy SIGNATURE OF NOTARY
n na serie a serie de la contra a serie de la contra de la En contra de la contr
Executed this 18th day of September , 2000.
Jason C. Fan
Jacon C. For
Jason C. Fan
State of <u>CALIFORN</u> (A)) ss.
) ss.
County of SANTA CLANA
On JEPT. 18, 2000 before me, MARIE E. BRESANI
(Notary) personally appeared Jason C. Fan 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 executed the same in his authorized capacity, and
that by his signature on the instrument the person, or the entity upon behalf of which the

MAGIE E SPES DI Comm. / 1181070 NOTARY PUBLIC CALIFONIA Some that County 12 Curran Choren and 15, 1901

person acted, executed the instrument.

Maine Co. Bressnel NOTARY PUBLIC

Executed this 19th day of September 2000. Robert Stillman State of CALIFORNIA)) County of UANTA CLARK On <u>SEPT. 19, 2000</u> before me, <u>MARIE E BRESAWI</u> (Notary) personally appeared Robert Stillman 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 executed the same in his authorized capacity, and that by his 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. MARIE E BRESARI Comm. 41151370 NOTABY PUBLIC - CACIFUPUTA Fanta Clura County My County Papiras Aug. 15 2001 Marie & Brisani SIGNATURE OF NOTARY Executed this 18 day of IFT , 2000. David Watson State of <u>(ALIFORN</u>/A)) County of <u>SANTA</u> CLARA SS. On SEPT. 18, 2000 before me, MARIE E. BRESANI (Notary) personally appeared David Watson 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

Marce & Brisance SIGNATURE OF NOTARY

RECORDED: 10/02/2000