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	To the H	onorable Com	nissioner of Pater	nis and Trademark	s: Plea	se record ine	auached docume	nts or copy thereof.	
(1)	Conveying	, Party(ies)		un Li Soulliere					
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	Additiona			party(ies) atta	ched?	Yes 🗌	No 🖾	JPR/	
(2)	Receiving	Pa Si	orning Incorp itent Departm P-TI-3-1 orning, NY 14	nent				OPR/FINANCE	
(3)	Nature of	conveyance	e: Assignmer	nt executed: 12	2/14/9	99 and 12/	15/99.		
(4)		Application number(s) and/or patent number(s) against which this assignment is to be recorded:							
	Filing date: 12/16/99				В.	Patent No Filing dat			
	If this do	cument is against sai	peing filed to d application	gether with a n, executed on	new	applicatio	n, this assigr	ment is also to be	
(5)	Name and	address of	party to who	m corresponde	ence (	concerning	document sl	nould be mailed:	
	Name:	Patent Do SP-T1-03 Corning.	32,189 ncorporated partment	<b>88</b> 03					
(6)	Total Num	l'otal Number of applications and/or patents involved: one							
(7)	Total Fee	Enclosed Included Authorize 03-3325	tion given by attached is a	e. Check No. Corning Inco	rpora of th	ited to chains page)		ecount number	
	attached (	copy is a tr	ue copy of the	e original docu	imeni				
	Philip G	Alden	<u> </u>				Da	te Algeria	

Philip G. Alden

Total number of pages comprising cover sheet: 3

**PATENT** REEL: 010733 FRAME: 0071

Case Name: Li 7-2

**UMENT ID NO.: 101239222** 

numents or copy thereof.

## PATENT A

MD 12.16.99

To the Honorable Commissioner of Patents a

101239222

(1) Conveying Party(ies): Ming-Jun Li Mark J. Soulliere

Title: Four-Fiber Ring Optical Cross Connect System Using 4x4 Switch Matrices

Additional name(s) of conveying party(ies) attached? Yes \(\sum \) No \(\simeg\)

(2) Receiving Party: Corning Incorporated

(3) Nature of conveyance: Assignment executed: 17-14-19 and 15-15.

(4) Application number(s) and/or patent number(s) against which this assignment is to be recorded:

A. Patent Application No.(s): Filing date:

B. Patent No.(s) Filing date:

If this document is being filed together with a new application, this assignment is also to be recorded against said application, executed on 12-11-15 20 12-15-15

(5) Name and address of party to whom correspondence concerning document should be mailed:

Name:

Philip G. Alden Reg. No. 32,189 Corning Incorporated Patent Department SP-TI-03. Corning, NY 14831

Phone No. (607) 974-8803

(6) Total Number of applications and/or patents involved: one

(7) Total Fee = \$40.00

Enclosed (Check No. )
Included with filing fee. Check No. \_\_\_.

Authorization given by Corning Incorporated to charge

Authorization given by Corning Incorporated to charge deposit account number 03-3325 (attached is a triplicate copy of this page)

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.

Philip G. Alden

Date (7)

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PATENT

REEL: 010733 FRAME: 0072

Attorney Docket No.: 1.i 7-2

## ASSIGNMENT

FOR VALUE RECEIVED. We, as a below name inventor, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a Four-Fiber Ring Optical Cross Connect System Using 4x4 Switch Matrices, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 15 11 17 17 DATE

respectively, and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

We request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

We agree that, when requested, we will, without charge to CORNING and at CORNING's 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 CORNING, its successors, assigns and legal representatives or nominees.

We authorize and empower CORNING, 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 said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization.

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 CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid 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 or entered as a supplement to it.

We covenant with CORNING, its successors, assigns and legal representatives or nominees, 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.

PATENT REEL: 010733 FRAME: 0073

Case Name: Li 7-2

Signed at Corning, NY, this	221 11 1
13/14 199	Ming-Jun Li
2/:5199	7
State of New York) : ss. County of Steuben)	
On the 14th day of Ogerande 1999.	before me personally came Ming-Jun Li known to be the person described in and acknowledged that they executed the same.
	Notary Public
State of New York) : ss. County of Steuben)	TAMMIE J. PORTER Notary Public, State of New York No. 01P05085309 Qualified in Steuben County Commission Expires October 14, 2001
On the day of live mild 1999. in and who executed the foregoing instrument	perfore me personally came Mark J. Soulliere known to be the person described ent, and acknowledged that they executed the same.
	DEANNA M. KOWAL Notery Public in the State of New York Steuben County Reg. No. 01K0506628 Commission Expires 9/30/

**RECORDED: 12/16/1999** 

PATENT REEL: 010733 FRAME: 0074