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TO: The Commission	Data -	101886734	4	hed original docume	PATENT		
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□ New □ Resubmission □ Document ID # □ Correction of F Reel # □ Corrective Doc	(Non-Recordation) TO Error Frame # cument	10/15/01		reement			
Reel # Conveying Party(Frame #		Evecution Det	20(0)			
1. HAYAMI, Hiroy 2. IIO, Terunobu 3. GOZEN, Toshi 4. KUZUSHITA, I 5. MORI, Michitsi 6. OKAMURA, Ta 7. OHMORI, Shu	ruki kazu Hirokazu ugu akashi	ving Parties Attache	Execution Date(s) September 26, 2001 September 26, 2001 September 26, 2001 September 26, 2001 September 21, 2001 September 21, 2001 September 21, 2001				
Receiving Party	lai Names of Conve	ying ratiles ratione	<u> </u>				
Name Mitsubishi Cable Industries, Ltd. Name Address 8, Nishinocho, Higashimukaijima Address							
Address Amagasaki-shi Hyogo/Japan 660-0856 City State/Country Zip Code Mark if Additional Names of Receiving Parties Attached							
Correspondent N		<u> </u>					
John Kilyk, Jr., Reg. No. 30,763 Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 Chicago, Illinois 60601-6780			Telephone: (312) 616-5600 Facsimile: (312) 616-5700 Attorney Docket No. 213033				
			conveyance doc	ument including any	attachments: 3 al numbers attached		
Enter either the Pa	per(s) or Patent Nur atent Application Number	nber(s) or the Patent Number (D	O NOT ENTER BOTH	H numbers for the same p			
Pate	nt Application Num	bers		Patent Number			
09/925,678							
If this document is being filed together with a <i>new</i> Patent Application, enter the date the patent application was signed by the first named executing inventor.							
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.		PCT	PCT	PCT			
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Number of Proper			Enter th	 ie total number of pr	operties involved: 1		
Fee Amount							
Fee Amount for Properties Listed (37 CFR 3.41): \$40.00 Method of Payment: Enclosed is a check in the amount of \$40.00 Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No							
Statement and Signature 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. Charges to deposit account are authorized, as indicated herein.							
John Kilyk, Jr., Reg		he Ke	L. S.	October 11, 200)1		
Name of Person Signing Signature Date							
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PATENT REEL: 012275 FRAME: 0763

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Attorneys at Law
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Chicago, Illinois 6060l-6780

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, WE,

Hiroyuki HAYAMI of c/o Itami Factory of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri
4-chome, Itami-shi, Hyogo 664-0027 Japan
(full name and address, including postal code, of first inventor)
Terunobu IIO of c/o Itami Factory of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri
4-chome, Itami-shi, Hyogo 664-0027 Japan
(full name and address, including postal code, of second inventor)
Toshikazu GOZEN of c/o Itami Factory of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri
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(full name and address, including postal code, of third inventor)
Hirokazu KUZUSHITA of c/o Itami Factory of MITSUBISHI CABLE INDUSTRIES, LTD., 3,
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(full name and address, including postal code, of fourth inventor)
Michitsugu MORI of c/o The Tokyo Electric Power Company, Incorporated, 4-1, Egasakimachi,
Tsurumi-ku, Yokohama-shi, Kanagawa 230-0002 Japan
(full name and address, including postal code, of fifth inventor)
Takashi OKAMURA of c/o The Tokyo Electric Power Company, Incorporated, 4-1, Egasakimachi,
Tsurumi-ku, Yokohama-shi, Kanagawa 230-0002 Japan
(full name and address, including postal code, of sixth inventor)
(run name and address, membring postar code, or sixth inventor)
Shuichi OHMORI of c/o The Tokyo Electric Power Company, Incorporated, 4-1, Egasakimachi,
Tsurumi-ku, Yokohama-shi, Kanagawa 230-0002 Japan
(full name and address, including postal code, of seventh inventor)
respectively, have invented and own a certain new and useful invention entitled:
SILICA OPTICAL FIBER
for which invention we have executed an application for Letters Patent of the United States which was filed
on August 9, 2001 , under Serial No. 09/925,678 ; and

PATENT

REEL: 012275 FRAME: 0764

WHEREAS,

MITSUBISHI CABLE INDUSTRIES, LTD. of 8, Nishinocho, Higashimukaijima, Amagasaki-shi, Hyogo 660-0856 Japan

(full name and address, including postal code, of assignee)

(hereinafter referred to as Assignee) is desirous of acquiring the entire right, title, and interest in and under the invention described in the application for Letters Patent.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we have assigned and set over, and by this document do assign and set over, to the Assignee and the Assignee's legal representatives, successors and assigns the entire right, title, and interest in and to the invention in the United States the applications for Letters Patent and other such applications (e.g., continuations, continuations-in-part, divisionals and reissues) in the United States, and the Letters Patent, or extensions thereof, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent to the above-mentioned Assignee agreeably with the terms of this Assignment.

WE HEREBY AUTHORIZE the above-mentioned Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unknown at the time this assignment is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, renewal, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITTNESS WHEREOF, we have hereunder set our hands on the dates shown below:

Hiroyuki	Hayane
Signature of First Inventor	Hiroyuki HAYAMI

September 26, 2001

Date

Vitness Kosuke TSUBOI

Junichi TSUJIMOTO

Date

unich Tsyjmto

September 26, 2001

September 26, 2001

REEL: 012275 FRAME: 0765

Teranda Dio	Junich Fraji	noto	
Signature of Second Inventor Terunobu IIO	Witness Junichi TSUJIMOTO	Date September 26,	2001
September 26, 2001	Hasuke Tsulia Witness	Date	
	Kosuke TSUBOI	September 26,	2001
Signature of Third Inventor Toshikazu GOZEN	Witness Junichi TSUJIMOTO	Date September 26,	2001
September 26, 2001	Witness Tsuc		
1 L. Vaguelita	Kosuke TSUBOI Witness Witness	September 26,	2001
Signature of Fourth Inventor Hirokazu KUZUSHITA	Witness Junichi TSUJIMOTO	Date September 26,	2001
September 26, 2001	Witness Tsul		
Michtsusa Mor	Kosuke TSUBOI Suntchi Isnj	September 26,	2001
Signature of Fifth Inventor Michitsugu MORI	Witness Junichi TSUJIMOTO	Date September 26,	2001
September 21, 2001	Mosuke Tsul Witness Kosuke TSUBOI	Date September 26,	2001
Takushi Ckamura	Junichi Jas		2001
Signature of Sixth Inventor Takashi OKAMURA	Witness / / Junichi TSUJIMOTO	Date September 26,	2001
September 21, 2001 Date	Witness Kosuke TSUBOI	ulioi Date September 26,	2001
Shuichi Ohmori Signature of Seventh Inventor Shuichi OHMORI	Junichi Junichi Junichi TSUJIMOTO	Date September 26,	2001
September 21, 2001	Mosuke Tsur	liot Date	
	Kosuke TSUBOI	September 26,	2001

RECORDED: 10/15/2001