



**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  
4-chome, Itami-shi, Hyogo 664-0027 Japan

(full name and address, including postal code, of third inventor)

Hirokazu KUZUSHITA 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 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)

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

**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 WITNESS WHEREOF,** we have hereunder set our hands on the dates shown below:

Hiroyuki Hayami  
Signature of First Inventor      **Hiroyuki HAYAMI**

September 26, 2001  
Date

Junichi Tsujimoto  
Witness      Date  
Junichi TSUJIMOTO      September 26, 2001

Kosuke Tsuboi  
Witness      Date  
Kosuke TSUBOI      September 26, 2001

Terunobu Iio

Signature of Second Inventor Terunobu IIO

September 26, 2001

Date

Toshikazu Gozen

Signature of Third Inventor Toshikazu GOZEN

September 26, 2001

Date

H. Kuzushita

Signature of Fourth Inventor Hirokazu KUZUSHITA

September 26, 2001

Date

Michitsugu Mori

Signature of Fifth Inventor Michitsugu MORI

September 21, 2001

Date

Takashi Okamura

Signature of Sixth Inventor Takashi OKAMURA

September 21, 2001

Date

Shuichi Ohmori

Signature of Seventh Inventor Shuichi OHMORI

September 21, 2001

Date

Junichi Tsujimoto

Witness  
Junichi TSUJIMOTO

Date  
September 26, 2001

Kosuke Tsuboi

Witness  
Kosuke TSUBOI

Date  
September 26, 2001

Junichi Tsujimoto

Witness  
Junichi TSUJIMOTO

Date  
September 26, 2001

Kosuke Tsuboi

Witness  
Kosuke TSUBOI

Date  
September 26, 2001

Junichi Tsujimoto

Witness  
Junichi TSUJIMOTO

Date  
September 26, 2001

Kosuke Tsuboi

Witness  
Kosuke TSUBOI

Date  
September 26, 2001

Junichi Tsujimoto

Witness  
Junichi TSUJIMOTO

Date  
September 26, 2001

Kosuke Tsuboi

Witness  
Kosuke TSUBOI

Date  
September 26, 2001

Junichi Tsujimoto

Witness  
Junichi TSUJIMOTO

Date  
September 26, 2001

Kosuke Tsuboi

Witness  
Kosuke TSUBOI

Date  
September 26, 2001

Junichi Tsujimoto

Witness  
Junichi TSUJIMOTO

Date  
September 26, 2001

Kosuke Tsuboi

Witness  
Kosuke TSUBOI

Date  
September 26, 2001