

08-12-2002

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A/D


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**PATENT**

10/0706

102186906

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7.15102

**Conveyance Type**

- ☒ Assignment  
☐ License  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

**Conveying Party(ies)**

- Yoshinori FUKUBA
- Takashi AKITA
- Kikue IRIE
- Toshinori SUMI
- Masashi OKAMOTO
- Jun OKUMURA
- Shigeaki SASAKI

**Execution Date(s)**

23 May 2002  
 23 May 2002  
 23 May 2002  
 23 May 2002  
 23 May 2002  
 23 May 2002  
 23 May 2002

☐ Mark if Additional Names of Conveying Parties Attached
**Receiving Party**

Name Mitsubishi Rayon Co., Ltd.  
 Address 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506, JAPAN

☐ Mark if Additional Names of Receiving Parties Attached
**Correspondent Name and Address**

(202) 419-7000

Fitch, Even, Tabin & Flannery  
 1801 K Street, N.W., Suite 401L  
 Washington, D.C. 20006-1201

Telephone: (202) 419-7000  
 Facsimile: (202) 419-7007  
 Attorney Docket No. 7398/72632

**Pages** Enter the total number of pages of the attached conveyance document including any attachments: 2
**Application Number(s) or Patent Number(s)**
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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Numbers****Patent Numbers**

10/070,616

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

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**Number of Properties**

Enter the total number of properties involved:

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

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**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.

Kendrew H. Colton

Name of Person Signing

Signature

July 15, 2002

Date

**PATENT**  
**REEL: 013167 FRAME: 0701**

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USA Patent Appln.  
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NONPROVISIONAL

**ASSIGNMENT  
OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

<b>INSERT NAME(S) OF INVENTOR(S)</b>	(1) <u>Yoshinori FUKUBA</u>	(2) <u>Takashi AKITA</u>
	(3) <u>Kikue IRIE</u>	(4) <u>Toshinori SUMI</u>
	(5) <u>Masashi OKAMOTO</u>	<input checked="" type="checkbox"/> <b>x box if continued on page 2</b>

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

<b>INSERT NAME(S) OF ASSIGNEE(S) &amp; ADDRESS(ES)</b>	<u>MITSUBISHI RAYON CO., LTD.</u> <u>6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506, Japan</u>
--	---

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

<b>TITLE OF INVENTION</b>	<u>Plastic Optical Fiber, Optical Fiber Cable, Plugged Optical Fiber Cable, and Production Methods Thereof</u>
-------------------------------	--

for which the undersigned executed an application for Letters Patents of the United States of America:

**NOTE→→** (A) ☐ even date herewith  
(Complete) (B) ☐ on \_\_\_\_\_  
line A, B and/or C) (C) ☒ in U.S. Appln. No. 10 / 070,616 filed March 8, 2002

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

**NOTE→→** The undersigned hereby authorize(s) Fitch, Even, Tabin & Flannery of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1) <u>Yoshinori Fukuba</u> Name: <u>Yoshinori FUKUBA</u>	<u>May 23, 2002</u>	<u>Takes Nishimura</u>
2) <u>Takashi Akita</u> Name: <u>Takashi AKITA</u>	<u>May 23, 2002</u>	<u>Takes Nishimura</u>
3) <u>Kikue Irie</u> Name: <u>Kikue IRIE</u>	<u>May 23, 2002</u>	<u>Takes Nishimura</u>
4) <u>Toshinori Sumi</u> Name: <u>Toshinori SUMI</u>	<u>May 23, 2002</u>	<u>Takes Nishimura</u>
5) <u>Masashi Okamoto</u> Name: <u>Masashi OKAMOTO</u>	<u>May 23, 2002</u>	<u>Takes Nishimura</u>

**PATENT**  
**REEL: 013167 FRAME: 0702**

**ASSIGNMENT**  
(Continued from page 1)

**LISTING OF ADDITIONAL INVENTORS**

<b>INSERT NAME(S) OF INVENTOR(S)</b>	(6) <u>Jun OKUMURA</u> (8) _____ (10) _____ (12) _____ (14) _____	(7) <u>Shigeaki SASAKI</u> (9) _____ (11) _____ (13) _____ (15) _____
--	---	---

**SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED**

	<b><u>INVENTORS</u></b>	<b><u>DATE SIGNED</u></b>	<b><u>WITNESSES</u></b>
6)	<u>Jun Okumura</u>	<u>May 23, 2002</u>	<u>Takeshi Nishimura</u>
Name:	Jun OKUMURA		
7)	<u>Shigeaki Sasaki</u>	<u>May 23, 2002</u>	<u>Takeshi Nishimura</u>
Name:	Shigeaki SASAKI		
8)	_____	_____	_____
Name:			
9)	_____	_____	_____
Name:			
10)	_____	_____	_____
Name:			
11)	_____	_____	_____
Name:			
12)	_____	_____	_____
Name:			
13)	_____	_____	_____
Name:			
14)	_____	_____	_____
Name:			
15)	_____	_____	_____
Name:			

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Kendrew H. Colton		July 15, 2002
Name of Person Signing	Signature	Date

**RECORDED: 07/15/2002**

**PATENT  
REEL: 013167 FRAME: 0704**