FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/RE*/03 03-21-2002

Docket No. 1.3/ U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: F				
1. Name of conveying party(ies):	Name and address of receiving party(ies): Name: Dai Nippon Printing Co., Ltd.			
Toshikazu Segawa Masaaki Kurihara				
Tetsuro Komukai	Address: 1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku			
M:isataka Nakazawa	Address: 1-1, Ichigaya-Kagacho I-Chome, Shinjuku-Ku			
Additional names(s) of conveying party(ies)				
3. Nature of conveyance:				
☐ Security Agreement ☐ Change of Name	City: Tokyo State/Prov.:			
Other	Country: Japan ZIP: 162-0062			
Execution Date: 08/20/01; 08/20/01; 09/03/01; 09/03/01	Additional name(s) & address(es) ⊠ Yes □ No			
4. Aρplication number(s) or patent numbers(s):				
If this document is being filed together with a new application,	the execution date of the application is: 08/20/01 & 09/03/01			
Patent Application No. Filing date	B. Patent No.(s)			
PCT/JP01/01446 27 February 2001				
	10016647			
	10019847			
Additional numbers	☐ Yes ☒ No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: James H. Walters	7. Total fee (37 CFR 3.41):\$ 40.00			
Registration No. 35,731	☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account			
Address: DELLETT AND WALTERS				
310 S.W. Fourth Avenue, Suite 1101	☐ Authorized to be charged to deposit account			
	8. Deposit account number:			
City: Portland State/Prov.: OR				
Country: US ZIP: 97204	(Attach duplicate copy of this page if paying by deposit account)			
	USE THIS SPACE			
9. 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.				
James H. Walters	Signature Date			
Name of Person Signing Total number of pages including	3			

10/019345

531 Rec'd PCT/F. 25 OCT 2001

RECORDATION FORM COVER SHEET

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Box 2 continued			
Name and address of receiving parties:			
Name: Nippon Telegraph and Telephone Corporation			
Address: 3-1, Otemachi 2-Chome, Chiyoda-Ku			
City: <u>Tokyo</u>	State/Prov:		
Country: <u>JAPAN</u>	Zip: <u>100-8116</u>		

PATENT REEL: 012509 FRAME: 0541

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		<u> </u>

U.S. ASSIGNMENT

	paid to the undersigned inventor(s) (hereinafter A		ind valuable consideration			
	DAI NIPPON PRINTING CO., LT	D. and NIPPON TELE	EGRAPH AND TELEPHONE			
(Insert ASSIGNEE'S Name(s)	CORPORATION of 1-1, Ichiga	ya-Kagacho 1-Chome,				
A.ddress(es))	TOKYO 162-0062, and 3-1, 0	otemachi 2-Chome, Chi	iyoda-Ku,			
	TOKYO 100-8116 JAPAN, respectively					
	(hereinafter ASSIGNEE), the receipt of which is and transfers to ASSIGNEE the entire and exclus					
	METHOD OF PRODUCING PHASE M	ASK FOR PROCESSING (OPTICAL FIBER AND			
(Title of Invention)	OPTICAL FIBER WITH BRAGG DI THE OPTICAL FIBER-PROCESSIN		ABRICATED BY USING			
(* If the assignment is being filed after the	ng filed otherwise indicated below:					
fil ng of the application, this	*filed on February 27, 200) 1, Serial NoPC	T/JP01/01446			
section must be completed)	and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.					
	The ASSIGNOR agrees to execute all papers continuing, divisional, reissue or reexamination a connection with such applications as the ASSIGN expedient. The ASSIGNOR agrees to execute all papers which may be declared concerning this application thereof or Letters Patent or reissue patent issued to possible in obtaining and producing evidence and IN WITNESS WHEREOF, the undersigned	pplications thereof and also to ex EE may deem necessary or necessary in connection with an n or any continuation, division, a hereon and to cooperate with the proceeding with such interferen	ny interference or litigation reissue or reexamination ASSIGNEE in every way ce or litigation.			
	Took:	Toshikazu SEGAWA	A August 20, 2001			
(Signatures)	(SIGNATURE)	(TYPE NAME)	(DATE)			
	Toshikanu Segama (SIGNATURE) Masaaki Kurihan (SIGNATURE)	Masaaki KURIHARA	A August 20, 2001			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	Jetsuro Komukai (SIGNATURE)	Tetsuro KOMUKA: (TYPE NAME)	September 3, 2001 (DATE)			
	Masataka Natogawa (SIGNATURE)	Masataka NAKAZAN (TYPE NAME)	NA September 3, 2001 (DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			

NO LEGALIZATION REQUIRED RECORDED: 10/25/2001

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