10.230}	OTP E 420		
Atty Docket No.: 296494US2S ORM PTO-1595 RECORDATION FORM 6-04			
To the Director of the Ur	ase record the attached original documents or copy thereof.		
Name of conveying particle Hideto FURUYAMA 103328517	2. Name and address of receiving party(ies): Name: KABUSHIKI KAISHA TOSHIBA Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan		
Additional name(s) of conveying party(ies) attached? Yes	1		
3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other			
Execution Date: September 20, 2006	Additional name(s) and address(es) attached? ☐ Yes ■ No		
1. Application number(s) or patent number(s):			
☐ This document is being filed together with a new application	1		
A. Patent Application No.(s) 11/531,936	B. Patent No.(s)		
Additional numbers att	ached? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1		
Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220	7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE	E THIS SPACE		
9. Statement and signature To the best of my knowledge and belief, the foregoing information of the original document. Eckhard H. Kuesters Name of Person Signing Registration Number: 28,870 Joseph	Scafetta, Jr. OCT 2 3 2006 Date		
Registrat Total number of pages inclu			
Mail documents to be recorded with required cover sheet inform Director of the United States Mail Stop Assignmen	ch this portion nation to: S Patent and Trademark Office MEDE 00000051 11521936 nt Recordation Segyices 8031 Virginia. 22313		

PATENT REEL: 018453 FRAME: 0026

ASSIGNMENT

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

LASER-INDUCED OPTICAL WIRING APPARATUS

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith			
		executed on	,		
	[]	Application No. 11/531,936	, filed	September 14, 2006	;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314

PATENT REEL: 018453 FRAME: 0027

ASSIGNMENT

APG041145(13)USA-A (05S2146-1)

[1st Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,

Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

RECORDED: 10/23/2006

Sep. 20, 2006

Date:

PATENT REEL: 018453 FRAME: 0028