2/29/0/ Atty Docket No.: 258100US2SRD

FORM PTO-1595 06-04 01-06-2005



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

	i imatus tinit amila imisa imiti amini ditin ilahi i	Then its tank			
To the Director of the United States Patent	102905213	3	ched original documents or copy there		
1. Name of conveying party(is) Harunobu FUKUSHIMA Yasuo YOSHII Hitoshi HATTORI Koichi KITADE Mitsuo IWASE Hironori NAKAMUTA Additional name(s) of conveying party(ies) atta	OFFICE OF	Name:	e and address of receiving party(ies): KABUSHIKI KAISHA TOSHIBA s: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan		
3. Nature of Conveyance:					
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other					
Execution Date: October 15, 2004	.	Additional name(s) and address(es) attached? Yes No			
4. Application number(s) or patent number(s):					
☐ This document is being filed together with	a new application				
A. Patent Application No.(s) 10/927,105		B. Patent	nt No.(s)		
Addit	ı ional numbers attached	? □ Ye	∕es ■ No		
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total applications and patents involved: 1			
Customer Number		7. Total f	fee (37 CFR 3.41): \$40.00		
22850 Tel. (703) 413-3000 Fax. (703) 413-2220		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 THIS	S SPACE	CE		
9. Statement and signature					
To the best of my knowledge and belief, the fo copy of the original document.	oregoing information is	true and	^		
Eckhard H. Kuesters	ment Scaf	etta	DEC 29 2004		
Name of Person Signing	Signatu	ire Ir	Date		
Registration Number: 28,870 Joseph Scafe Registration No.			03		
Total numb	per of pages including the	his cover	r sheet: 3		
C:8021 40.00 6P					
	Do not detach this	portion			
Mail documents to be recorded with required co	over sheet information to	o:			

Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313 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:

ROTARY ANODE TYPE X-RAY TUBE

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 concurr				
		executed on		;		
	[x]	Application No.	10/927,105	, filed	August 27,	2004

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: 016115 FRAME: 0711

[1st Inventor]	
Residence Address: Tokyo, Japan Mailing Address: c/o Intellectual Proporty Division	The late of the same of the sa
Mailing Address: c/o Intellectual Property Division Minato-ku, Tokyo 105-8001, Japan	i, Ioshiba Corporation, 1-1, Shibaura 1-chome,
Citizenship: Japan	
Harunobu Łukushima Harunobu Fukushima	OCT. 1.5.2004
Harunobu Fukushima	Date:
[2nd Inventor] Residence Address: Kawasaki-shi, Japan Mailing Address: c/o Intellectual Property Division Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	, Toshiba Corporation, 1-1, Shibaura 1-chome,
Yasuo Yoshii Yasuo Yoshii	OCT. 1 5.2004
Yasuo Yoshii	Date:
[3rd Inventor] Residence Address: Yokohama-shi, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	, Toshiba Corporation, 1-1, Shibaura 1-chome,
Totoshi Hattori	OCT. 1 5. 2004
Hitoshi Hattori	Date:
[4th Inventor] Residence Address: Otawara-shi, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Koichi Kitade	OCT. 1 5. 2004
Koichi Kitade	Date:
[5th Inventor] Residence Address: Nasu-gun, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
mitsuo d'wase	OCT. 1 5. 2004

Date:

Mitsuo Iwase

PATENT REEL: 016115 FRAME: 0712 [6th Inventor]

Residence Address: Otawara-shi, Japan

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

Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Heronori Nakamieta

RECORDED: 12/29/2004

OCT. 15.2004

ironori Nakamuta

Date

PATENT REEL: 016115 FRAME: 0713