11-18-1998

FORM PTO-1594 1-31-92



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U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 04329.2017

	lonorable Commissioner of Paten 10090196 ecord the attached original documents or copy thereof.	ATTN. BOX ASSIGNMENTS	
1.	Name of conveying party(ies):	2. Name and address of receiving party(ies):	
	(1) Hiroshi NOMURA (3) Takuya KONO (2) Takashi SATO (4) Junichiro IBA	50 11 10 10 10 10 10 10 10 10 10 10 10 10	
		Name: KABUSHIKI KAISHA TOSHIBA	
Addition	al name(s) of conveying party(ies) attached? □ Yes ⊠ No	Internal Address:	
3.	Nature of conveyance: MLD 11-5-98	Street Address: 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan	
		City:	
⊠	Assignment Merger	State: Zip Code:	
0	Security Agreement □ Change of Name		
	Other	Additional name(s) & Address(es) attached?	
Execution	(1), (2) and (3) October 13, 1998 and on Date: (4) October 21, 1998	□ Yes ⊠ No	
4.	Application number(s) or patent number(s): If this document is be application: October 13, 1998 and October 21, 1998	eing filed together with a new application, the execution date of the	
A.	Patent Application Number(s):	B. Patent Number(s):	
	09 186368 Additional numbers attac	 - - - 	
5.	Name and address of party to whom correspondence	6. Total number of applications and registrations involved	
J .	concerning document should be mailed:	1	
Name:	Mr. Ernest F. Chapman	7. Total fee (37 CFR 3.41): \$40 ⊠	
Internal	FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	Enclosed (Please charge deficiency to deposit account)	
		Authorized to be charged to deposit account	
Street A	ddress: 1300 I Street, N.W.		
	Washington 8 DRUTLER 00000035 09186368	8. Deposit account number: <u>06-0916</u>	
State: 13 FC:581 \9.	Statement and signature. To the best of my knowledge and belicopy is a true copy of the original document.	ef, the foregoing information is true and correct and any attached	
	copy is a fine copy of the original document.		
	Ernest F. Chapman	November 5, 1998	
Signature Date			
	Total number of pages including cover shee	t, attachments and documents: 3	

PATENT REEL: 9578 FRAME: 0483

ASSIGNMENT

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to 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:

METHOD OF MEASURING ABERRATION OF PROJECTION OPTICS

said application having been filed on and assigned Serial No.; sell and assign to KABUSHIKI KAISHA TOSHIBA a corporation of Japan, having a business address at 72 Horikawa-cho, Saiwai ku, Kawasaki-shi, 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 application for United States patent: (check one)

 \times executed concurrently herewith;

___executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions 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 proceeding, sign all lawful papers, execute all divisional, continuing, 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 invension in all countries.

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.

Finnegan, Henderson, Farabow, Garrett & Dunner, 1300 I Street, N.W., Washington, D.C., 20005-3315

PATENT REEL: 9578 FRAME: 0484

ASSIGNMENT

Inventor: (Signature)	Date	Residence
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Takashi Sato	0CT 13.1998	Fujisawa-shi, Kanagawa-ken, Japan
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