05-08-2001



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FORM PTO-1594 1-31-92		ET Attorney Docket No. 0432 CUSTOMER NUMBER: 23	
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Nature of conveyance:		Street Address: 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan	
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Security Greement	Change of Name	09842403	
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4. Application number(s) or patent nu application: April 16, 2001	umber(s): If this document is be	eing filed together with a new application, the execution date	or the
A. Patent Application Number(s):		B. Patent Number(s):	
04/30/2001 MGEBREM1 00000025 09842403			
01 FC 581 40.00 OF	Additional numbers attac	ched?□Yes ⊠ No	
Name and address of party to who concerning document should be n		Total number of applications and registrations inv 1	rolved:
Name: Mr. Ernest F. Chapman		7. Total fee (37 CFR 3.41): \$40 ⊠	
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Street Address: 1300 I Street, N.W.		 -	
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Statement and signature. To the best of my knowledge and original document.	belief, the foregoing information	on is true and correct and any attached copy is a true copy o	f the
Richard V. Burgujian	Alle.	April 25, 2001	
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PATENT REEL: 011757 FRAME: 0516

ASSIGNMENT

In consideration of value received, I, having a mailing 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:

FILM FORMATION METHOD, SEMICONDUCTOR ELEMENT AND METHOD THEREOF, AND METHOD OF MANUFACTURING A DISK-SHAPED STORAGE MEDIUM

said application having been filed on and assigned Application 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, L. L. P., 1300 I Street, N. W., Washington, D. C., 20005-3315

PATENT REEL: 011757 FRAME: 0517

ASSIGNMENT

Inventor: (Signature)	Date	Residence
Africhi At	APR. 16. 2001	Yokohama-shi, Japan
Katsuya Chumura Katsuya Okumura	APR. 16. 2001	Tokyo, Japan

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