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To the Director of the United States P:	893567 attached original documents or copies thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
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10-31-01	TOSHIBA TEC KABUSHIKI KAISHA 1-1, Kanda Nishiki-cho, Chiyoda-ku Tokyo 101-8442, Japan	
Additional conveying party(ies) attached? NO		
3. Nature of conveyance:		
ASSIGNMENT	09/984772	
Execution Date: October 23, 2001	Additional name(s) & address(es) attached?	
4. Application number(s) or patent number(s):	110	
If this is being filed together with a new application, the execution date of the application is: October 23, 2001		
A. Patent Application Number(s):	B. Patent Number(s):	
Additional 5. Name and address of party to whom correspondence	numbers attached? NO 6. Total number of applications/natents involved.	
concerning document should be mailed:	6. Total number of applications/patents involved: 1	
Johnny A. Kumar	7. Total fee (37 C.F.R. § 3.41): \$40.00	
FOLEY & LARDNER	X Check Enclosed	
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Johnny A. Kumar	Johnny Lymas October 31, 2001	
Name of person signing	Signature Date	
Total number of pages including cover sheet, attachments, and document: 3		

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PATENT

REEL: 012296 FRAME: 0451

ASSIGNMENT

In consideration of value received, I, having a residence and mailing address 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:

IMAGE READING APPARATUS AND IMAGE FORMING APPARATUS

said application having been filed on and assigned Application No. ; sell and assign to Toshiba Tec Kabushiki Kaisha a corporation of Japan, having a business address at 1-1. Kanda Nishiki-cho. Chiyoda-ku. Tokyo, 101-8442 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)

- × 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.

Foley & Lardner, 3000 K Street, N.W., Suite 500, Washington, D. C. 20007-5109

PATENT REEL: 012296 FRAME: 0452

ASSIGNMENT

Inventor: (Signature)	<u>Date</u>	Residence and mailing address
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10	<i>7</i> 0	101, Furuichiba 2-chome, Saiwai-ku,
Coichi Watanabe	October 23, 200/	Kawasaki-shi, Kanagawa-ken, Japan
Koichi Watanabe	V ************************************	Remodel Sill, Reliefand Rell, Jupan
Roleni watanabe		

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