U.S. PTO 12/659137 02/26/2010

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Form PTO-1595 (Rev. 03-09)  OMB No. 0651-0027 (exp. 03/31/2009)  O3 - 10 -	U.S. DEPARTMENT OF COMMERCIA United States Patent and Trademark Office .				
To the Director of the U.S. Patent 103591	271 cuments or the new address(es) below.				
Name of conveying party(ies):	2. Name and address of receiving party(les)				
Masahiro Takatani	Name: Sharp Kabushiki Kaisha				
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address: Street Address:				
3. Nature of conveyance/Execution Date(s):	22-22, Nagaike-cho				
5	Abeno-ku Osaka, Osaka-shi				
Execution Date(s): January 26, 2010	545-8522				
X Assignment Merger Change of Name	JAPAN				
Security Agreement Joint Research Agreement	City:				
Government Interest Assignment					
Executive Order 9424, Confirmatory License	State:				
	Country:Zip:				
Other	Additional name(s) & address(es) Yes X No attached?				
Additional numbers attached	? Yes X No				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: William L. Brooks EDWARDS ANGELL PALMER & DODGE LLP Internal Address: Atty. Dkt.: 85720(71117)	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Street Address: P.O. Box 55874	X Authorized to be charged to deposit account				
	None required (government interest not affecting title				
City: Boston	8. Payment Information				
State: MA Zip: 02205	o. r syment intermetion				
Phone Number: (202) 478-7376					
Fax Number: (866) 658-1050	Deposit Account Number 04-1105				
Email Address: wbrooks@eapdlaw.com	Authorized User Name William L. Brooks				
9. Signature:					
Well Buch	Fahrian, 26, 2010				
Signature	February 26, 2010 Date				
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William L. Brooks - 34,129	Total number of pages including cover 3				

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## ASSIGNMENT

I,	Masahiro Ta	AKATAN	II for god	od and v	aluable	conside	eration fi	om Sharp
Kabushik	i Kaisha, ha	ving its	principal	place of	busines	s at 22	2-22, Na	gaike-cho,
Abeno-ku	, Osaka-shi,	, Osaka	545-8522	2 Japan	hereina	fter ca	lled the	Assignee,
receipt of	which is here	by ackno	wledged,	do hereb	y sell, a	ssign a	nd transf	er unto the
Assignee, i	its successors	and assig	gns, the e	ntire righ	it, title a	nd inter	est in, to	and under
an applicat	ion for Letter	rs Patent	of the Un	ited State	es Serial	No		filed
on	fo	r improve	ements in	the				

## **IMAGE FORMING APPARATUS**

priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, in any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I/We agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned agree(s) to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner for Patents to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications

PATENT REEL: 024056 FRAME: 0604 thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has (have) the full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants Edwards Angell Palmer & Dodge LLP of P.O. Box 55874, Boston, MA 02205, U.S.A. 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.

I, Masahiro TAKATANI, hereunto set my hand and seal this 26+6 day of January., 2010.

Masahiro TAKATANI

Masahiro Lakatani,