orm PTO-1595 (Rev. 03-09) MB No. 0651-0027 (exp. 03/31/2009)	U.S. DEPARTMENT OF COMMERCE United States Petent and Trademark Office			
RECORDATION FOR	RM COVER SHEET			
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)			
Masahiro Takatani	Name: Sharp Kabushiki Kalsha			
	Internal Address:			
Additional name(s) of convoying party(les) attached?	Street Address:			
3. Nature of conveyance/Execution Date(s):	22-22, Nagaike-cho Abeno-ku			
Execution Date(s): January 26, 2010	Osaka-Shi, Osaka			
X Assignment Merger Change of Name	545-8522 JAPAN			
Security Agreement Joint Research Agreement	***************************************			
Government Interest Assignment	City:			
	State:			
Executive Order 9424, Confirmatory License	Country:Zip:Zip:Zip:Zip:			
Other	Additional name(s) & address(es) Yes X No attached?			
12/659,137 Additional numbers attached	d? Yes X No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: David G. Conlin EDWARDS ANGELL PALMER & DODGE LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00			
Internal Address: Atty. Dkt.: 85720(71117) Street Address: P.O. Box 55874	X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title			
City: Boston	8. Payment Information			
State: MA Zip: 02205				
Phone Number: (617) 517-5515	-			
Fax Number: (888) 325-9129	Deposit Account Number 04-1105 Authorized User Name David G. Conlin			
Email Address: DConlin@eapdlaw.com	- Authorized Oser Mantel DSVID G. COMMI			
9. Signature:				
	November 15, 2010			
Steven M. Janson 42 603	Total number of pages lockeding cover			
Steven M. Jensen - 42,693 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 3			

U.S. PTO

ί,	02/26/2010		
	Form PTO-1595 (Rev. 03-09) MB No. 0851-0027 (exp. 03/31/2009) 03 - 10 -	U.S. DEPARTMENT OF COMMERCE United States Fetent and Trademark Office	
	To the Director of the U.S. Patent 103591	07-1 currents or the new address(es) below.	
	1. Name of conveying party(ins):	12. Name and address of receiving party(los)	
	Masahiro Takatani	Name: Sharp Kabushiki Kaisha	
7			
7	Additional name(s) of conveying party(les) stached? Yes X No	Internal Address:	
Q.	3. Nature of conveyance/Execution Date(s);	Street Address: 22-22, Nagaike-cho	
دبرا	-	Abeno-ku	
رئم	Execution Date(s): January 28, 2010	Osaka, Osaka-shi 545-8522	
18	X Assignment Merger Change of Name	JAPAN	
	Security Agreement Joint Research Agreement	City:	
ĺ	Government Interest Assignment	State:	
	Executive Order 9424, Confirmatory License		
- {	Other	Country: Zip: Additional name(s) & address(es) Yes X No	
	Lione	Additional name(s) & address(es) Yes X No	
	4. Application or patent number(s):	This document is being filed together with a new application.	
	A. Patent Application No.(s)	B. Patent No.(s)	
	•		
	Additional numbers attached?	Yes X No	
ļ	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	10.00	
		7. Total fee (37 CFR 1.21(h) & 3.41) \$	
	Internal Address: Atty. Dkt.: 85720(71117) Street Address: P.O. Box 55874		
-		X Authorized to be charged to deposit account	
]		Enclosed	
	•	None required (government interest not affecting title)	
-	City: Boston	S. Payment information	
	State: MA Zip: 02205		
	Phone Number: (202) 478-7376		
	Fax Number: (865) 558-1050	Deposit Account Number 04-1105	
	Emall Address: wbrooks@eapdlaw.com	Authorized User Name William L. Brooks	
9	New But		
1	Signature	February 26, 2010 Date	
.	William L. Brooks - 34,129	Total number of pages including cover	
L	Name of Person Signing	sheet, attachments, and documents:	

03/09/2010 MJAMA1 00000055 041105 12659137

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DC 271918.1

Docket No.

ASSIGNMENT

I, Masahiro TAKATANI for good and valuable consideration from Sharp
Kabushiki Kaisha, having its principal place of business at 22-22, Nagaike-cho,
Abeno-ku, Osaka-shi, Osaka 545-8522 Japan hereinafter called the Assignee,
receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the
Assignee, its successors and assigns, the entire right, title and interest in, to and under
an application for Letters Patent of the United States Serial No filed
onfor improvements 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: 025304 FRAME: 0780 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 29nuary, 2010.

Masahiro TAKATANI

Practitioner's Docket No. 85720(71117)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNEE:

SHARP KABUSHIKI KAISHA

INVENTORS:

Masahiro TAKATANI

SERIAL. NO.:

12/659,137

FILED:

February 26, 2010

FOR:

IMAGE FORMING APPARATUS

Mail Stop: ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SIR:

REQUEST FOR CORRECTED ASSIGNMENT RECORDATION RECEIPT

- 1. Attached is a copy of the official Assignment Recordation receipt received from the PTO in the above application for which issuance of a corrected Assignment Recordation receipt is respectfully requested.
- 2. There is an error with respect to the following data, which was:

[X] inco	

and/or

[] omitted.	

BOS2 826765.1

PATENT REEL: 025304 FRAME: 0782

Er	ror in	Correc	t data
1. [] 2. [] 3. [] 4. [] 5. [] 6. [] 7. [X]	Applicant's name Applicant's address Title Filing Date Serial Number Foreign/PCT Application Assignee Address:	1. 2. 3. 4. 5. 6. 7.	Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 JAPAN

3. (complete the following applicable item)

A. [] The correction(s) is not due to any error by applicant and no fee is due.

OR

B. [X]At least one of the above corrections is due to applicant's error and the fee therefore, of \$40.00, is paid as follows:

[X]Charge Account 04-1105 the sum of \$40.00.

Date: November 15, 2010

SIGNATURE OF PRACTITIONER

Reg. No. 42,693

Steven M. Jensen
(type or print name of practitioner)

Tel. No. (617) 517-5531

EDWARDS ANGELL PALMER & DODGE LLP
P.O. Box 55874
P.O. Address

Customer No. 21874 Boston, MA 02205

BOS2 826765.1



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 10, 2010

PTAS - HT



WILLIAM L. BROOKS EDWARDS ANGELL, PALMER & DODGE LLP P.O. BOX 55874 BOSTON, MA 02205

> UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW. .

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/26/2010

REEL/FRAME: 024056/0603

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 85720(71117)

ASSIGNOR:

TAKATANI, MASAHIRO

DOC DATE: 01/26/2010

ASSIGNEE:

SHARP KABUSHIKI KAISHA

-22 22, WAGAIKE CHO - ABENO-KU-

22-22, Nagaike-cho, Abeno-ku, Osaka-shi

Osaka 545-8522 JAPAN

- OSAKA, OSAKA SHI 545-8522, WAPAN

SERIAL NUMBER: 12659137

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE:

PATENT

RECORDED: 11/15/2010_{P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.05Pro.gov, 025304 FRAME: 0784}