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**RECORDATION FORM COVE** 

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Name of conveying party(ies):	2. Name and address of receiving party(ies)
Hiroaki Nakamura	Name: Sharp Kabushiki Kaisha
Additional name(s) of conveying party(ies) attached?  Yes X No  Nature of conveyance/Execution Date(s):  Execution Date(s): August 24, 2009  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  4. Application or patent number(s):	Internal Address:  Street Address:  22-22, Nagaike-cho Abeno-ku, Osaka-shi Osaka 545-8522 JAPAN  City:  State:  Country:  Additional name(s) & address(es) attached?  This document is being filed together with a new application.
A. Patent Application No.(s) 12584730	B. Patent No.(s)
Additional numbers attached  Name and address to whom correspondence	? Yes X No  6. Total number of applications and
concerning document should be mailed:	patents involved:
Name: David G. Conlin EDWARDS ANGELL PALMER & DODGE LLP Internal Address: Atty. Dkt.: 84763(304984) Street Address: P.O. Box 55874	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  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           Email Address:         DConlin@eapdlaw.com	Deposit Account Number 04-1105 Authorized User Name David G. Conlin
Signature:	89/14/2809 DRYKREPtenning & 39095 12
Peter J. Manus - 26,766  Name of Person Signing	Date  1 Total Number of pages including cover sheet, attachments, and documents:

MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.Q. Box 1450, Alexandria, VA 22313-1450.

Dated: September 2, 2009

## ASSIGNMENT BY INVENTOR

	THIS ASSIGN	MENT, made this <u>2</u>	<u></u> ⊈ day o	f August	.1
2009	, by	Hiroaki NAKAMUR	Α	(herein	after referred
to as Ass	signor), residing	at			
c/o Sha	arp Kabushiki Ka	aisha, 22-22, Nagaike-	cho, Abenc	o-ku, Osaka-shi,	
Osaka 5	545-8522 Japan	·			
	WHEREAS, As	ssignor has invented o	ertain new	and useful imp	rovements in
lmage	Forming Appar	atus Having Maintena	nce Method	d Setting Funct	ion
set forth i	n an application	for Letters Patent of t	he United S	States, filed on	
		as U.S. Applica	ation No		and
	WHEREAS,	Sharp Kabushi	ki Kaisha		1 ڪئييينيسيند
having its	principal place	of business at	22-22, Na	agaike-cho, Abe	eno-ku,
<u>Osaka-sh</u>	ni, Osaka 545-85	522 Japan	·	(hereinafter ref	erred to as
Assignee	), is desirous of	acquiring the entire rig	ght, title and	d interest in and	to said
invention	s and said Appli	cation for Letters Pate	nt of the U	nited States, ar	id in and to
any Lette	rs Patent of the	United States to be of	otained the	refore and there	∍on.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full

PATENT REEL: 023231 FRAME: 0710 end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

PATENT REEL: 023231 FRAME: 0711 AND Assignor hereby grants the following individuals 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 United States Patent and Trademark Office for recordation of this document:

## EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number: 21874

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Hiroaki Rakamura	August 24,2009		
Hiroaki NAKAMURA	Date		
	Date		

PATENT REEL: 023231 FRAME: 0712

**RECORDED: 09/02/2009**