Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCI United States Palent and Trademark Offic	
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Name of conveying party(les):	2. Name and address of receiving party(ies)	
Toyoshi TOKIMOTO	Name: Sharp Kabushiki Kaisha	
Additional name(x) of conveying porty(ios) attached?	Internal Address: Street Address:	
3. Nature of conveyance/Execution Date(s):	22-22, Nagalke-cho, Abeno-ku	
Execution Date(s): October 13, 2005	Osaka-shi Osaka 545-8522	
X Assignment Merger Change of Name	JAPAN	
Security Agreement Joint Research Agreement	City:	
Government Interest Assignment	State:	
Executive Order 9424, Confirmatory License	Country: Zip:	
Other	Additional name(s) & address(es) Yes X No attached:	
4. Application or patent number(s): A. Patent Application No.(s) 10/553,352	This document is being filed together with a new application. B. Patent No.(s)	
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: Charles Gorenstein BIRCH, STEWART, KOLASCH & BIRCH, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Infernal Address: Atty. Dkt.: 1248-0824PUS1	Authorized to be charged by credit card	
Street Address: 8110 Gatehouse Road Suite 100 East	X Authorized to be charged to deposit account	
P.O. Box 747	Enclosed	
	None required (government Interest not affecting title)	
City: Falls Church	8. Payment Information	
State: VA zip: 22040-0747	a. Credit Card Last 4 Numbers	
Phone Number: (703) 205-8000	Expiration Date	
Fax Number: (703) 205-8050	b. Deposit Account Number 02-2448	
Email Address: mailroom@bskb.com	Authorized User Name Charles Gorenstein	
9. Signaturo: Signaturo	August 2, 2006	
Charles Gorenstein - 29,271	Date Tel'al number of pages including gaves	
Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

CG/src

2005

	1248-0824PUS1
ATTORNEY DOCKET NO.	

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. 10/553,352 Filed October 14.	
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***	
	WHEREAS, Toyoshi TOKIMOTO :	
·		
	<u> </u>	
Insert Title	(horeinafter designated as the undersigned) has (have) invented cortain new and useful improvements in DISPLAY DEVICE, CENTER DEVICE, IMAGE DISPLAY SYSTEM, DISPLAY DEVICE CONTROL METHOD, CENTER DEVICE CONTROL PROGRAM, CENTER DEVICE CONTROL PROGRAM, AND RECORDING MEDIUM CONTAINING THE PROGRAM	
•	for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).	
Insert Date of Signing of Application	on atolier 13, 2005	
Insert Name of Assignee	WHEREAS, SHARP KABUSHIKI KAISHA	
Insert Address of Assignee	22-22, Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan	
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.	
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee fie full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;	
	and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full	

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PATENT REEL: 018053 FRAME: 0185

A++	1248-0824PUS1
Attorney Docket No.	

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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 of America patent(s) or a grant of a valid United States of America and any foreign 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 Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignce, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Oct. 13, 2005	Name of Inventor Toyoshi Tokimoto (signature) Toyoshi TOKIMOTO
Date,	Name of Inventor
Date,	Name of Inventor(signature)
Date	Name of Inventor (signature)
Date	Name of Inventor(signature)
Date	Name of Inventor (signature)
Page 2 nf 2	

June 2002

PATENT REEL: 018053 FRAME: 0186

RECORDED: 08/02/2006