		03/23/2007				
Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005)	04-10	- 2007 U.S. DEPARTMENT OF COMMER United States Patent and Trademark Of				
		ARE FIRM PROPERTY OF THE TRANSPORT OF THE PROPERTY OF THE PROP				
To the Director of the U.S. Patent a	10339	2767 uments or the new address(es) below.				
Name of conveying party(ies)):	2. Name and address of receiving party(ies)				
Shinichi ABE (3/19/2007) and (3/20/2007)	I Shinji TAKASUGI	Name: KYOCERA CORPORATION				
Additional name(s) of conveying party(ies) at	tached? Yes X No	Internal Address: Street Address:				
3. Nature of conveyance/Execution	Date(s):	6 Takeda Tobadono-cho, Fushimi-ku				
_	• •	Kyoto 612-8501 JAPAN				
Execution Date(s): in parentheses						
X Assignment Merger	Change of Name	JAPAN				
Security Agreement Joint	Research Agreement	City:				
Government Interest Assignment	t	State:				
Executive Order 9424, Confirmat	ory License	Country: Zip:				
Other		Additional name(s) & address(es) Yes X No				
		attached:				
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)				
NEW						
Ad	dditional numbers attached?	Yes X No				
5. Name and address to whom corre- concerning document should be n	spondence nailed:	6. Total number of applications and patents involved:				
Name: Gerald M. N	⁄lurphy, Jr.					
BIRCH, STEWART, I						
FL	-	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address: Atty. Dkt.: 5529-01		Authorized to be charged by credit card				
Street Address: 8110 Gatehouse Suite 100 East	Koad	Authorized to be charged to deposit account				
P.O. Box 747		x Enclosed				
		None required (government interest not affecting title				
City: Falls Chi	urch	8. Payment Information				
State: VA	Zip: 22040-0747	a. Credit Card Last 4 Numbers				
Phone Number: (703)	205-8000	Expiration Date				
Fax Number: (703) 2	205-8050	b. Deposit Account Number				
Email Address: mailroor	n@bskb.com	Authorized User Name				
9. Signature:						
N. Mustons	Z .	March 23, 2007				
77777	Signature	Date				
Gerald M. Mu	rphy, Jr 28,977	Total number of pages including cover 3				
	erson Signing	sheet, attachments, and documents:				

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

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UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

					_		
Application No.	NEW	<u> </u>	Filed	3/23	<u> </u>		
nsert Name(s) of Inventor(s)	***(Given	Name FAMILY NAM	E (ALL C	APS))***			•
	WHEREAS, Shinichi ABE and Shinji TAKASUGI (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:						
asert Title of Invention	EMAGE DISPLAY APPARA	LTUS					
	for which an application for I undersigned (except in the case				America has i	been executed by t	the
nsert Date of Signing of Application	on <u>March 19, 200</u>	07 and Mar	ch 20	200)7, res	pectivel y	đ
nsert Name	WHEREAS, KYOCERA Corporation						
n Assignee Esert Address f Assignee	of 6 Takeda Tobadono-cho,	, Fushimi-ku, Kyot	o 612-8 50	01, Japan	ı		
THECK BOX F APPROPRIATE	its heirs, successors, legal redesirous of acquiring the entire Patent(s) that may be granted to x in any foreign countries.	e right, title and inte herefor in the Unite	rest in an	d to said	invention and		
	NOW THEREFORE in consi	ideration of the sum	of Ten 1	Dollage (\$	10 00) to the	undersioned in he	nd.

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 the 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 term or terms for which the same may be granted.

Attorney Docket No. 5529-0101PUS1

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 Assignee, 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 _	mar./19/07.	Name of Inventor	Shinichi Obe (signature) Shinichi ABE
Date _	mar/20/2007.	Name of Inventor	Shinji Tekangi (signature) Shinji TAKASUGI
Date _	*	Name of Inventor	(signature)
Date _	······································	Name of Inventor	(signature)
Date _		Name of Inventor	(signature)
Date _	•	Name of Inventor	(signature)

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RECORDED: 03/23/2007