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U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 02860.0943  
Attorney Customer Number: 22,852

6/25/05



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ATTN. BOX ASSIGNMENTS RECORDATION  
SERVICES 10/536430

To the Honorable Commissioner of Patents  
Please record the attached original document

1. Name of conveying party(ies): Toshihisa TAKEYAMA	2. Name and address of receiving party(ies): Name: KONICA MINOLTA HOLDINGS, INC.
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Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
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3. Nature of conveyance:	Street Address: 6-1 Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-0005 JAPAN
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<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger	City:
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<input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name	State:	Zip Code:
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<input type="checkbox"/> Other:	Additional name(s) & Address(es) attached?
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Execution Date: February 10, 2005	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: February 10, 2005

A. Patent Application Number(s):	B. Patent Number(s):
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, NW

City: Washington, D.C.

State: Zip: 20001-4413

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

8. Deposit Account No.: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David W. Hill \_\_\_\_\_ May 25, 2005

Registration No. 28,220 \_\_\_\_\_ Signature \_\_\_\_\_ Date

Total number of pages including cover sheet, attachments and documents: 2

06/01/2005 MKAYPAGH 00000074 10536430  
05 FC:8021 40.00 DP

# Assignment

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: DISPLAY ELEMENT, DISPLAY APPARATUS AND MANUFACTURING METHOD OF DISPLAY APPARATUS

United States Letters Patent on \_\_\_\_\_, \_\_\_\_\_ (Serial No. \_\_\_\_\_); and

WHEREAS,  
Konica Minolta Holdings, Inc.,  
a corporation of Japan whose post office address is  
6-1 Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-0005 Japan,  
is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

INVENTOR; SIGNATURE                      DATE                      RESIDENCE AND POST OFFICE ADDRESS

Sign: <i>Toshihisa Takeyama</i>	Date: <i>February 10, 2005</i>	Hachioji-shi, Tokyo, Japan
Type: Toshihisa TAKEYAMA	Citizen of: JAPAN	c/o Konica Minolta Medical & Graphic, Inc. 1 Sakura-machi, Hino-shi, Tokyo, 191-8511 Japan

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER WASHINGTON, D.