mld and a ca	07-15-1999	U.S. DEPA	RTMENT OF COMMERCE
6-30-99		HEET	Patent and Trademark Office Docket No. 325772010600
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To the Commissioner of Paten	its and Trademarks: Please record th	e attached original docume	ents or copy thereof.
<ul> <li>Name of conveying party(ies): Hirotomo ISHII</li> <li>Individual(s) Association</li> <li>General Partnership Limited Partnership</li> <li>Corporation-State Other</li> <li>Additional name(s) of conveying party(ies) attached? Yes No</li> <li>Nature of conveyance:</li> </ul>		<ul> <li>2. Name and address of receiving party(ies):</li> <li>Name: MINOLTA CO., LTD. Osaka Kokusai Bldg. 3-13, 2-chome, Azuchi-machi Chuo-ku, Osaka, JAPAN</li> <li>Additional name(s) &amp; address(es) attached?  <ul> <li>Yes</li> <li>No</li> </ul> </li> </ul>	
Assignment □ Me     Security Agreement □ Ch     Other:     Execution Date: June 24, 1999	erger ange of Name		
<ul> <li>If this document is being filed together w</li> <li>A. Patent Application No.(s)</li> <li>Additional numbers attached?  </li> <li>Yes E</li> <li>5. Name and address of party to whom correst document should be mailed:</li> </ul>	B. S No Spondence concerning 6.	Patent No.(s) Total number of applicati	ons and patents involved: 1
Barry E. Bretschneider Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888	7.	<ul> <li>7. Total fee (37 C.F.R. § 3.41): \$40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account, referencin Attorney Docket</li> </ul>	
/1999 PSTANBAC 00000021 09345077		eposit account number: 03	
: Set Commissioner is hereby authorized to charge any area in	der 37 C.F.R § 1.21 that may be required by this DO NOT USE THIS S		to Deposit Account No. 03-1952
<ul> <li>9. Statement and signature.</li> <li>To the best of my knowledge and belief, t document.</li> <li>Name: Barry E. Bretschneider Registration No: 28,055</li> </ul>			opy is a true copy of the original June 30, 1999 Date
Total numb	er of pages comprising cover sheet, a	attachments and document:	3

PATENT REEL: 010085 FRAME: 0580

## MORRISON & FOERSTER LLP

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

## Minolta Co., Ltd. Osaka Kokusai Bldg. 3-13, 2-chome, Azuchi-machi Chuo-ku, Osaka 541-8556 JAPAN

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

## **MESSAGE DISPLAY DEVICE**

Attorney Docket No.: 32577-20106.00

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.:

Filing Date: June 30, 1999

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said abovenamed application or in the preparation and prosecution of any continuing, continuation-inpart, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

Page 1 of 2

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Morrision & Foerster 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 United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

<u>Jun 54 1987</u> Date

Typed Name: Hirotomo ISHII

Date

Typed Name:

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

Date

Typed Name:

Date

Typed Name:

Page 2 of 2

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