02-23-2006			
Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
10	3183582Attorney Docket No. 500.45895X00		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(ies): Hiroshi SASAKI Kiyomi NAKAMURA Hideto MOMOSE Sadayuki NISHIMURA Koji HIRATA Kei ADACHI Additional name(s) of conveying party(ies) attached? ☐ Yes 2 3. Nature of conveyance/Execution Date(s): Execution Date(s) January 6, 2006; January 10, 2006; January 2006; January 12, 2006	2. Name and address of receiving party(ies) Name: HITACHI, LTD. OLG (0) 958/11 Street Address: 6-6, Marunouchi 1-chome, Chlyoda-ku, Tokyo, Japan		
Assignment	Additional name(s) & address(es) attached? ☐ Yes ☒ No		
4. Application or patent numbers(s):	This document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent Registration No.(s)		
Additional number(s) attached ☐ Yes ☒ No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved		

concerning document should be mailed:	
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address:	7. Total fee (37 CFR 3.41)
1300 NORTH 17 TH STREET SUITE 1800	Trong required (government interest not anecting title)
City: ARLINGTON State: VA Zip 22209 Phone Number: 703-312-6000 Fax Number: 703-312-6666 Email Address: email@antonelli.com	8. Payment Information a. Credit Card Last 4 Numbers 1107 Expiration Date 06/06 b. Deposit account number: 01-2135 Authorized User Name Paul J. Skwierawski

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Signature

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Melvin Kraus, Reg#22,466

Name of Person Signing

04 FC:8021

40.00 DA

PATENT REEL: 017588 FRAME: 0053

02/17/2006

Date

ASSIGNMENT (譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

REFLECTOR AND PROJECTION TYPE DISPLAY APPARATUS

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S)	Date Signed
	(発明者フルネームサイン)	(署名日)
1)	Hiroshi Sasaki	1/6/2006
2)	Hiroshi SASAKI Kiyomi NAKAMURA Kiyomi NAKAMURA	1/10/2006
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6)	Kei Adachi	1/12/2006
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