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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): NAKAJO, Aki IIDA, Makoto KURAMOTO, Hiroki OGAWA, Masakazu HASEBE, Tatsumi KODERA, Yoshie NISHIMURA, Sadayuki	Name and address of receiving party(ies) Name: HITACHI, LTD. Street Address: 6, Kanda Surugadai, 4-chome, Chiyoda-ku, Tokyo, Japan
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance: ☐ Assignment ☐ Security Agreement ☐ Other ☐ Merger ☐ Change of Name	Additional name(s) & address(es) attached? ☐ Yes ☒ No
Execution Date: May 27, 30, 31, & June 4, 2002	
 Application number(s) or patent number(s): If this document is being filed together with a new application, the GA. Patent Application No.(s) 	execution date of the application is: B. Patent Registration No.(s)
10/151,041 Filed May 21, 2002	
Additional number(s) atta 5. Name and address of party to whom correspondence	l —
concerning document should be mailed:	Total number of applications and patents involved
Name: Antonelli, Terry, Stout & Kraus, LLP	7. Total fee (37 CFR 3.41)\$40.00
Internal Address:	Authorized to be charged to deposit account
1300 North Seventeenth Street Suite 1800	Deposit account number:
Arlington, VA 22209 USA	01-2135
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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.	
Melvin Kraus, Reg# 22,466	06/26/2002
Name of Person Signing Signature	
Total number of pages including cover sheet, attachments, and document: 2	

Mail documents to be recorded with required cover sheet information to: Chmmissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 013046 FRAME: 0175

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, Kanda Surugadai 4-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

PROJECTOR

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:

RECORDED: 06/26/2002

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
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2) Makoto Iida	May 27, 2002
3) Hiroki Kuramuto	May 30, 2002
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5) Tatsumi Hasebe	May 31, 2002
	June 4 2002
6) <u>Joskie Kodera</u> 7) <u>Sadayaki hishimura</u>	May 31, 2002
7)	
8)	
9)	
10)	

PATENT REEL: 013046 FRAME: 0176