OMB No. 0651-0011 (exp. 4/94)

I	Docket No.:503.40648X00
FOR TO-1595 9-18-01 11-06-2001	ER SHEET  V.S. DEPARTMENT OF COMMERCA Patent and Trademark Off  Y  JC16 Rec'd PCT/PTO SEP 1 8 20
To the Honorable Commissioner of	e attached original documents or copy thereof.
101892838  1. Name of conveying party(ies): Yoshinobu FUKANO, Seiji YONEKURA, Mamoru OKANO, Tatsuo IGAWA, Kazuhito MASUDA	2. Name and address of receiving party(ies):  Name: Hitachi, Ltd.
	Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku
Additional name(s) of conveying party(ies) attached?  Yes X No	
3. Nature of conveyance:  Assignment	City: Tokyo:
Security Agreement Change of Name  Other  Discrepance Change of Name	Country: Japan
Execution Date: Feb, 14, 19, 2001	Additional name(s) & address(es) attached? Yes X No
4. Application number(s) or patent number(s):	
I his document is being filed together with a new application,	the execution date of the application is: Feb. 14, 19, 2001
A. Patent Application No.(s)	B. Patent No.(s)
09/21/200: МЕРГРАВИ 0003014: 09936838 04 FC:581 4(-0) in Additional numbers atta	1 936838 hehed? □ Yes ☑ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	7. Total fee (37 CFR 3.41)\$40.00
Internal Address:	Enclosed  Any deficiencies may be charged to deposit account  Authorized to be charged to deposit account
Street Address: 1300 North Seventeenth Street	8. Deposit account number: 01-2135
Suite 1800	(Attach duplicate copy of this page if paying by deposit account)
City: Arlington State: VA Zip: 22209	
DO NOT USE	E THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing info of the original document.	formation is true and correct and any attached copy is a true copy
Alan E. Schiavelli Name of Person Signing Attorney Registration No. 32,087 Total number of pages including cover sheet, attachments, and document: 2	September 18, 2001 Date

PATENT REEL: 012293 FRAME: 0584

## **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 or us citizen(s) 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

## INK JET RECORDING APPARATUS

invented by me or us 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: 09/18/2001

	INVENTOR(S) (発明者フルネームサイン)	Oate Signed (署名日)
1)	Yoshinobu FUKANO Joshinobu Fukano	Feb. 14 2001
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3)	Mamoru OKANO Mamorn Chani	Feb. 14 200/
4)	Tatsuo IGAWA Jatsuo Igawa	2/14/2001
5)	Kazuhito MASUDA Kazuhito Masuda	2/19/200/
6)		
7)		
8)		
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PATENT REEL: 012293 FRAME: 0585