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Form PTO 1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	EET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket 5448-2
To the Honorable Commissioner of Patents 1,02718	ttached original documents or copy thereof.
Name of conveying party(ies): Hideo IZAWA	2. Name and address of receiving party(ies):
Akira ISHIKAWA	Name: Miyakoshi Printing Machinery Co.
O I P & VAMAZAKI	
	Internal Address:
PR 0 5 2004 (요)	Street Address: 1-13-5, Tsudanuma, Narashino-shi
<i>3</i> /	City: <u>Chiba</u>
PADEMATION	State/Country: <u>Japan</u>
	Zip:
Additional name(s) of conveying party(ies) attached? [] Yes [x] N	
3. Nature of conveyance:	Additional name(s) & address(es) attached? [] Yes [x] No
[x] Assignment [] Merger	, toutional nameto, a addressed of actashoa. [1] 100 [A] 100
[] Security Agreement [] Change of Name	
[] Other	
Execution Date: 10/27/2003	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new a	application, the execution date of the application is:
A. Patent Application No.(s) 10/700,867	B. Patent No.(s)
10/700/007	II/a
Additional number	rs attached? [] Yes [x] No
Name and address of party to whom correspondent concerning document should be mailed:	ce 6. Total number of applications and patents involved:
Name: <u>Thomas Langer</u>	7. Total fee (37 CFR 3.41):\$40.00
Internal Address: Cohen, Pontani, Lieberman & Pavane	
Street Address: 551 Fifth Avenue, 12th Floor	[x] Authorized to be charged to deposit account
City: New York State: New York Zip: 10176	8. Deposit account number: <u>03-2412</u> (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature. To the best of my knowledge and belief, the foregottrue copy of the original document.	oing information is true and correct and any attached copy is a
Thomas Langer	as Lances March 31, 2004
Name of Person Signing Reg. No. 27,264 Signature	- 1/ ·
J	<i>/</i>
Total number of pages including co	over sheet, attachments, and document: 2
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PATENT REEL: 015188 FRAME: 0711

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,
inventor(s) full_name(s)	Hideo IZAWA, Akira ISHIKAWA and Yuuichi YAMAZAKI
	hereby sell, assign and transfer to
	MIYAKOSHI PRINTING MACHINERY CO., LTD.
Assignee Name and	organized under the laws of Japan, located at 1-13-5,
Address	Tsudanuma, Narashino- shi, Chiba, Japan
	(hereinafter called the Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled
Title of Invention	INK JET RECORDING APPARATUS
	which application was
Complete either (a) or (b)	(a) executed by the undersigned on the 27th day of October 2003.
	(b) filed on theday of, Serial No
	including any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.
	It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.
	Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.
_	Signed at Chiba, Japan
Date	this 27th day of October , 20 03.
	INVENTOR(S):
	HIPFO 18AWA
Inventor(s) full signature(s)	AKIRA ISHIKAWA
	YUUICHI YAMAZAKI
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RECORDED: 04/05/2004

PATENT REEL: 015188 FRAME: 0712