

09-28-2001

To the Honorable Commissioner of Patents



Send original documents or copy thereof.

1. Name of conveying party(ies): <u>101858535</u> Shinyo Kobayashi Takahiro Yamada Hitoshi Kida Kunio Satou Katsunori Kawasumi Kazuo Shimizu Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: September 3, 2001		Name: HITACHI KOKI CO., LTD. Internal Address: Street Address: 15-1, Konan 2-chome, Minato-ku, City: Tokyo Country: JAPAN Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
4. Application number(s) or patent number(s): Title: MULTINOZZLE INK JET RECORDING DEVICE CAPABLE OF IDENTIFYING DEFECTIVE NOZZLE If this document is being filed together with a new application, the execution date of the application is <u>September 3, 2001</u> A. Patent Application No(s). _____ B. Patent No(s). _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Michael E. Whitham, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, VA 22102 (703)712-5000	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$ 40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees 8. Deposit account number: 23-1951	
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. <u>Michael E. Whitham</u> Name of Person Signing  Signature <u>September 21, 2001</u> Date Total number of pages including cover sheet: <u>4</u>		

JCE57 U.S. PTO  
09/21/01  
09/21/01

F-21-01

09/27/2001 DBYRNE 00000204 09956861  
01 FC:581 40.00

# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

Shinya KOBAYASHI, Takahiro YAMADA,  
Hitoshi KIDA, Kunio SATOU,  
Katsunori KAWASUMI,  
and Kazuo SHIMIZU

NAME AND ADDRESS  
OF ASSIGNOR(S)

Hitachinaka-shi, Ibaraki-ken, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have  
invented and own a certain invention  
entitled:

TITLE OF INVENTION:

MULTINOZZLE INK JET RECORDING DEVICE  
CAPABLE OF IDENTIFYING DEFECTIVE NOZZLE

for which application for Letters Patent of  
the United States has been executed on even  
date herewith,

## WHEREAS

FULL NAME AND ADDRESS  
OF ASSIGNEE

HITACHI KOKI CO., LTD.  
No.15-1, Konan 2-chome, Minato-ku, Tokyo 108-6020 Japan

(hereinafter referred to as ASSIGNEE), is  
desirous of acquiring the entire interest  
in, to and under said invention and the  
United States Letters Patent to be obtained  
therefor:

*NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:*  
Be it known that in consideration of the  
payment of ASSIGNEE to ASSIGNOR of the sum  
of One Dollar (\$1.00), the receipt of which  
is hereby acknowledged, and for other good  
and valuable consideration, ASSIGNOR hereby  
sells, assigns and transfers to ASSIGNEE the

(Assignment of Application for Patent -- page 1 of 3)

PATENT  
REEL: 012197 FRAME: 0240

full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNIG

Signed this 3 day of  
September, 2001.

Shinya Kobayashi SIGNATURE  
Shinya KOBAYASHI

Takahiro Yamada SIGNATURE  
Takahiro YAMADA

Hitoshi Kida SIGNATURE  
Hitoshi KIDA

Kunio Satou SIGNATURE  
Kunio SATOU

Katsunori Kawasumi SIGNATURE  
Katsunori KAWASUMI

Kazuo Shimizu SIGNATURE  
Kazuo SHIMIZU

(Assignment of Application for Patent -- page 3 of 3)