



102328958

To the Honorable Commissioner of Patents and Trademarks: Please receive the enclosed original documents or copy thereof.

1. Name of conveying party(ies):

Kazuya TAMURA
Yoshinori TANGI
Eiichi YONEYAMA
Hiromi INOBUCHI

12/20/02

2. Name and address of receiving party(ies):

Mitsumi Electric Co. Ltd.
8-8-2, Kokuryo-cho, Chofu-shi,
Tokyo Japan

1040 U.S. PTO

10/325151

12/20/02

3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): All on Dec. 16, 2002

, respectively.

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is as follows:

All on Dec. 16, 2002

, respectively.

A. Patent Application No. (s)

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.
767 Third Avenue, 25th Floor
New York, New York 10017-2023

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41): \$ 40.00

[] Amount included with filing fee attached hereto.

[X] Check enclosed.

8. To the extent not tendered by check, authorization is given to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378.

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.

Dated: December 20, 2002

By:

Douglas Holtz, Reg. No. 33,902

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Date of Deposit: December 20, 2002

I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail® Post Office Addresses" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patent and Trademarks, Washington, D.C. 20231.

Barbara Villani
9/4/92

01/03/2003 LMUeller 00000325 10325151

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40.00 DP

Total number of pages comprising cover sheet: 2

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

HEAD FEEDING MECHANISM

sell and assign to MITSUMI ELECTRIC CO., LTD.

a corporation of Japan

having a business address at 2-11-2, Tsurumaki, Tama-shi, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

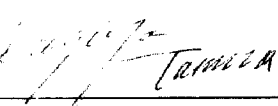
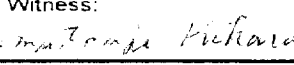
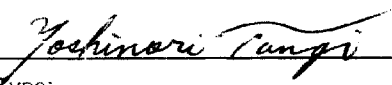
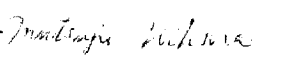
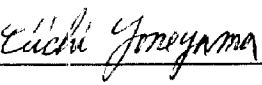
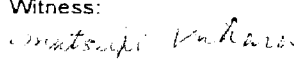

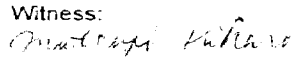
and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR: SIGNATURE		DATE	POST OFFICE ADDRESS
Sign: 	Date: December 16, 2002	Address: c/o Mitsumi Electric Co., Ltd., 2-11-2, Tsurumaki, Tama-shi, Tokyo, Japan	
Type: KAZUYA TAMURA	Witness: 		
Sign: 	Date: December 16, 2002	Address: c/o Mitsumi Electric Co., Ltd., 2-11-2, Tsurumaki, Tama-shi, Tokyo, Japan	
Type: YOSHINORI TANGI	Witness: 		
Sign: 	Date: December 16, 2002	Address: c/o Mitsumi Electric Co., Ltd., 2-11-2, Tsurumaki, Tama-shi, Tokyo, Japan	
Type: EIICHI YONEYAMA	Witness: 		
Sign: 	Date: December 16, 2002	Address: c/o Mitsumi Electric Co., Ltd., 2-11-2, Tsurumaki, Tama-shi, Tokyo, Japan	
Type: HIROMI INOGUCHI	Witness: 		
NOTES: MUST BE DATED.		WITNESS DESIRABLE.	LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:

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PATENT

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