



101475572

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

1. Name of conveying party(ies):

Arun Chandra KUNDU
Ikuo AWAI

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

- 1) TDK Corporation
13-1, Nihonbashi 1-chome
Tokyo, Japan
- 2) Ikuo AWAI
1165-8, Yama-kado, Kami-ube
Ube-shi, Yamaguchi-ken, Japan

3. Nature of conveyance: ~~ASSIGNMENT~~

To correct Assignment Reel/Frame 010918/0526
to Add 2nd receiving party

Execution Date(s): April 17, 2000 (both inventors)

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:

respectively.

A. Patent Application No. (s)

09/532,258

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: 1

7. Total fee (37 CFR 3.41): \$ 40

☐ Amount included with filing fee attached hereto.

☒ 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.

09/26/2000 MTHAI 00000392 09532258

01 FC:581

40.00 DP

Dated: September 13, 2000

By: Thomas Langer
Thomas Langer
Reg.No. 27,264

CERTIFICATE OF MAILING

I hereby certify this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the date noted below.

Attorney: Thomas Langer

Dated: September 13, 2000

Total number of pages comprising cover sheet: 4

PATENT
REEL: 011108 FRAME: 0571



R

07-20-2000



101408298

R SHEET

Docket No. 00159/TL

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Arun Chandra KUNDU
Ikuo AWAI

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

TDK Corporation
13-1, Nihonbashi 1-chome, Chuo-ku
Tokyo, Japan

3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): APRIL 17, 2000, 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:

A. Patent Application No. (s)

09/532,258

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 10017-20236. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Amount included with filing fee attached hereto.☒ 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: June 19, 2000By: Thomas Langer
Thomas Langer (Reg. No. 27,264)

07/19/2000 MTHAI1 00000223 09532258

40.00 OP

01 FC:581

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on June 19, 2000.

Thomas Langer

8/4/93

Total number of pages including cover sheet, attachments and document: 2PATENT
REEL: 011108 FRAME: 0572

op 9.9161-1
(105)**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:

Dual-mode Filter and Design Method Therefor

sell and assign to (1) TDK Corporation

a corporation of Japan

having a business address at 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo, Japan

and (2) Ikuo AWAI, an individual

having an address at 1165-8, Yama-kado, Kami-ube, Ube-shi, Yamaguchi-ken, 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.: 09/532,258 FILING DATE: March 22, 2000

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

INVENTOR: SIGNATURE		DATE	RESIDENCE AND POST OFFICE ADDRESS
Sign: <i>Arun Chandra Kundu</i>	Date: April 17, 2000	Post Office Address: c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo, Japan	
Type: Arun Chandra KUNDU	Witness: Satoshi KESAKI		
Sign: <i>Ikuo Awa</i>	Date: April 17, 2000	Post Office Address: 1165-8, Yama-kado, Kami-ube, Ube-shi Yamaguchi-ken, Japan	
Type: Ikuo AWAI	Witness: Tei-ke Suzuki		
Sign:	Date:	Post Office Address:	
Type:	Witness:		

NOTES: MUST BE DATED.

WITNESS DESIRABLE.

LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:
FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.
767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023
Tel. No.: (212) 319-4900 Fax No.: (212) 319-5101

PATENT
REEL: 011108 FRAME: 0573



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 06, 2000

PTAS

FRISHAUF, HOLTZ, GOODMAN LANGER ET AL
THOMAS LANGER
767 THIRD AVENUE, 25TH FLOOR
NEW YORK, NEW YORK 10017-2023



101408298A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/22/2000

REEL/FRAME: 010918/0526
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KUNDU, ARUN CHANDRA

DOC DATE: 04/17/2000

ASSIGNOR:
AWAI, IKUO

DOC DATE: 04/17/2000

ASSIGNEE:
TDK CORPORATION
13-1, NIHONBASHI 1-CHOME, CHUO-KU
TOKYO, JAPAN

SERIAL NUMBER: 09532258
PATENT NUMBER:

FILING DATE: 03/22/2000
ISSUE DATE:

LAWAN FLETCHER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECORDED: 09/15/2000

PATENT
REEL: 011108 FRAME: 0574