

Form PTO-1595
1-31-92

12-11-2001



101912591

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HEET

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

1. Name of conveying party(ies):

Michio TAKAGAKI, Masaya SHIDO,
Yukihiro KOBAYAKAWA, Masayuki UMEHARA,
Nobuyuki KASUYA, Takeshi FUKUYO and
Yoshitaka OHSHIMA

Additional name(s) of conveying party(ies) attached?

☐ yes

☒ no

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

KOITO MANUFACTURING CO., LTD.
8-3, Takanawa 4-chome, Minato-ku, Tokyo, Japan

10/000018
12/04/01
10/000018
12/04/01

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Names

☐ Other

Additional name(s) & address(es) attached?

☐ yes

☒ no

Execution Date: November 26, 2001

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: November 26, 2001

A. Patent Application No.(s)/Confirmation No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes

☒ No

10/000018

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

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:

1

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

☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.

☐ Authorized to be charged to Deposit Account

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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.

Darryl Mexic

Reg. No. 23,063

December 4, 2001

Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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12/10/2001 TDIAZI 00000010 10000018

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40.00 DP

PATENT
REEL: 012348 FRAME: 0490

ASSIGNMENT

Whereas, I/We, Michio TAKAGAKI, Masaya SHIDO, Yukihiro KOBAYAKAWA, Masayuki UMEHARA, Nobuyuki KASUYA, Takeshi FUKUYO and Yoshitaka OHSHIMA all of Shizuoka, Japan

hereinafter called assignor(s), have invented certain improvements in

ARC TUBE AND METHOD FOR FORMING THE SAME

and executed an application for Letters Patent of the United States of America therefor on

November 26, 2001 ~~XX~~ ; and

Whereas, KOITO MANUFACTURING CO., LTD. of
8-3, Takanawa 4-chome, Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: Nov. 26, 2001	s/ <u>Michio Takagaki</u> Michio TAKAGAKI
Date: Nov. 26, 2001	s/ <u>Masaya Shido</u> MASAYA SHIDO
Date: Nov. 26, 2001	s/ <u>Yukihiro Kobayakawa</u> Yukihiro KOBAYAKAWA
Date: Nov. 26, 2001	s/ <u>Masayuki Umehara</u> Masayuki UMEHARA
Date: Nov. 26, 2001	s/ <u>Nobuyuki Kasuya</u> Nobuyuki KASUYA
Date: Nov. 26, 2001	s/ <u>Takeshi Fukuyo</u> Takeshi FUKUYO
Date: Nov. 26, 2001	s/ <u>Yoshitaka Ohshima</u> Yoshitaka OHSHIMA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

RECORDED: 12/04/2001

PATENT
REEL: 012348 FRAME: 0491