U.S. DEPARTMENT OF COMMERCE

				-	-	Affi
ບາ	tant	and	Tro	dam	nels	/XIII.

1	0	1	8	9	7	4	1	7
ロンフィンシュ	1.4			_	-	-	•	-

1018	Patent and Trademark wince			
	ENTS ONLY			
To the Commissioner for Patents. Please re 1. Name of conveying party(ies):	cord the attached original documents or copy thereof. 2. Name and address of receiving party(ies)?			
Yoshitaka OHSHIMA, Shinichi IRISAWA, Akihiro	2. Name and address of receiving party(ies)? KOITO MANUFACTURING CO., LTD. 8-3, Takanawa 4-chome, Minato-ku, Tokyo, Japan			
NAGATA and Hiroshi GOTO	8-3, Takanawa 4-chome, Minato-ku, Tokyo, Japan			
Additional name(s) of conveying party(ies) attached?				
☐ yes				
3. Nature of Conveyance:				
☐ Assignment ☐ Merger				
☐ Security Agreement ☐ Change of Names				
☐ Other	Additional name(s) & address(es) attached?			
Francisco Detail October 26, 2001	□ yes ☑ no			
Execution Date: October 26, 2001 4. Application number(s) or patent number(s):	1987177			
If this document is being filed together with a new application	n, the execution date of the application is: October 26, 2001			
A. Patent Application No.(s)/Confirmation No.(s) /Not Yet Assigned	B. Patent No.(s)			
Additional numbers attac				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and registration involved:			
SUGHRUE MION, PLLC	7. Total Fee (37 CFR 3.41): \$40.00			
2100 Pennsylvania Avenue, N.W.	☐ Enclosed. Please charge any underpayment in			
Suite 800 Washington, D.C. 20037-3213	connection with this Assignment to Deposit Account No. 19-4880. Authorized to be charged to Deposit Account			
,	8. Deposit Account No.			
	19-4880			
DO NOT WE	RITE IN THIS SPACE			
9. Statement and Signature.				
To the best of my knowledge and belief, the foregoing inform original document.	nation is true and correct and any attached copy is a true copy of the			
Jarry Mixa	November 13, 2001			
Darryl Mexic Reg. No.	23,063 Date			
TOTAL NUMBER OF PAGES COMPRISING O	COVER SHEET, ATTACHMENTS AND DOCUMENT: 2			
OMB No. 0651-0011 (exp. 4/94)				
	etach this portion			
Mail documents to be recorded with required cover sheet information to:				
Commissioner for Patents Box Assignments				
	gton, D.C. 20231			

11/16/2001 LINUELLER 00000050 09987172

Form PTO-1595

01 FC:581

PATENT REEL: 012305 FRAME: 0708

ASSIGNMENT

Whereas, I/We, Yoshitaka OHSHIMA, Shinichi IRISAWA, Akihiro NAGATA and Hiroshi GOTO

of

all of Shizuoka, Japan
hereinafter called assignor(s), have invented certain improvements in
ARC TUBE AND METHOD FOR MANUFACTURE OF AN ARC TUBE
and executed an application for Letters Patent of the United States of America therefor on
October 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	d request my attorneys SUGHRUE, N	110N, ZINN, MACPEAK & SEAS
of 2100 Pennsylvania Avenue, N	I.W., Washington, D.C. 20037-3202	to insert here in parentheses
(Application number	, filed) the filing
date and application number of s	said application when known.	
Date:October 26, 2	2001 st Yoshitaka Chim	Vishima
	Yoshitaka OHSHIM	A
Date:October 26, 2	2001 s/ Shinichi	risawa
Date:October 26, 2	2001 s/ Shinichi (Shinichi IRISAWA Ikihiro haga Akihiro NAGATA	ata
	Akihiro NAGATA	
Date:October 26, 2	2001 s/ Kiroshi Goto	
Date:	s/	
Date:	s/	

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

Date:

RECORDED: 11/13/2001

PATENT REEL: 012305 FRAME: 0709