

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFF	IN	HE UNITED STA	TES PATENT	AND	TRADEMARK	OFFICE
---	----	---------------	------------	-----	-----------	--------

In re Application of

0/21/01

Akira OKUDA et al.

Serial No.: New Application

Filed: June 21, 2001

For: SPUTTERING APPARATUS

## ASSIGNMENT TRANSMITTAL LETTER

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Please record the attached Assignment in the name of the assignor and the assignee as indicated below and return the original document to the undersigned.

X_ New	X Assignment
Resubmission (Non-Recordation)	Security Agreement
Document ID#	License
Correction of PTO Error	Change of Name
Reel # Frame #	Merger
Corrective Document	Other
Reel # Frame #	

Akira OKUDA, Shigeru NAMIKI, Kiyoshi SAEKI, and

Name and Address of Receiving Party(ies): 3.

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma, Kadoma-shi

00000019 10033171-8501 JAPAN. 07/09/2001 TDIAZ1

40. Execution Date of Assignment: June 14, 2001.

Toshiyuki FUJIOKA.

**PATENT** 

REEL: 011947 FRAME: 0792

- 5. If this Assignment is being filed together with a new application, the execution date of the application is: <u>June 14, 2001</u>.
- 6. Total number of applications and patents involved: one.

All correspondence should be addressed to:

Roger W. Parkhurst PARKHURST & WENDEL, L.L.P. Suite 210 1421 Prince Street Alexandria, VA 22314-2805.

The Assignment recordation fee (\$40.00) is covered by our attached Check Number 1446.

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. Total number of pages including cover sheet, attachments and document 3.

If there should be any questions concerning the amount of the fee or should our check become detached, please debit or credit our Deposit Account Number 16-0331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

June 21, 2001

Date

Roger W. Parkhurst Registration No. 25,177

Attorney Docket No. <u>YMOR:211</u>
PARKHURST & WENDEL, L.L.P.
1421 Prince Street, Suite 210
Alexandria, Virginia 22314-2805
Telephone: (703) 739-0220

## ASSIGNMENT

			(6)				
		(2) Shigeru Namiki	(0)				
(1-8)	Insert Name(s) of Inventor(s)	(3) Kiyoshi Saeki					
		(4) Toshiyuki Fujio					
		In consideration of the paid to each of the undersi transfer and set over to	sum of dollar (\$1.00) a	nd other good and value	able consideration		
(9)	Insert name of Assignee	(9) MATSUSHITA ELECT	RIC INDUSTRIAL CO	O., LTD.			
(10)	Insert address of Assignee	(10) 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan					
		(hereinafter designated as States, its territories, dependant and any Letters Pater	dencies and possessions.	in the invention, and	est for the United all applications for		
(11)	Insert Identification of Invention, such as Title,	(11) SPUTTERING APP	ARATUS				
	Case Number or Foreign		(Case No				
	Application Number	for which the undersigned of America					
(12)	Insert Date of Signing of Application	(12 on June 14, 20	01				
(13)	Alternative identification for filed applications	(13) U.S. application Seria	Number		***		
	tor med appreadors	filed					
or expe	ations thereof and also to execute edient.  2) The undersigned agree(s) are this application or continuate and going forward with such its ending this application.	to execute all papers necessar tion or division thereof and to interference.	y in connection with a cooperate with the Assi	ons as the Assignee many interference which gnee in every way pos	may be declared sible in obtaining		
concernevidence with clumited entire in have) reamy fur	tions thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such a central agree and going forward with such a central agree agree(s) that is or provisions of the Internation 4) The undersigned agree(s) to the Assignee.  5) The undersigned hereby authorized the same and hereby covenants that the executed and will not execute a control of the undersigned hereby grapher identification which may be recordation of this document.	to execute all papers necessar tion or division thereof and to interference. o execute all papers and docum tional Convention for Protection o perform all affirmative acts we atthorize(s) and request(s) the Co- ation or any divisions or continuate he has (they have) full right to the continuation of PARKHURS mecessary or desirable in order to	tion with such application with a cooperate with the Assistant perform any act of Industrial Property which may be necessary to manissioner of Patents to convey the entire interest to convey the entire interest the comply with the rules of comply with the rules of the complete with the rules of the ru	ons as the Assignee many interference which gnee in every way post which may be necessor similar agreements. To obtain a grant of a very consistency and all Let to the said Assignee, sest herein assigned, and the United States Pater of t	may be declared sible in obtaining sary in connection ralid United States ters Patents of the as Assignee of the it that he has (they on this assignment		
concernevidence with clumited entire in have) reamy fur	tions thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such its aims or provisions of the Internation 4) The undersigned agree(s) to the Assignee.  5) The undersigned hereby automates and hereby covenants the context of the executed and will not executed and will not executed and the exe	to execute all papers necessar- tion or division thereof and to interference.  o execute all papers and docum- tional Convention for Protection o perform all affirmative acts we atthorize(s) and request(s) the Co- ation or any divisions or contin- at he has (they have) full right to any agreement in conflict here- tant(s) the firm of PARKHURS necessary or desirable in order to	tion with such application with a cooperate with the Assistant perform any act of Industrial Property which may be necessary to missioner of Patents to convey the entire interest to convey the entire interest to comply with the rules of the complete the	ons as the Assignee many interference which gnee in every way postet which may be necessor similar agreements. To obtain a grant of a very constant of a very constant of the said Assignee, set herein assigned, and the United States Patersigned name(s).	may be declared sible in obtaining sary in connection alid United States ters Patents of the as Assignee of the it that he has (they on this assignment and Trademark		
concernevidence with clumited entire in have) reamy fur	tions thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such its amount of a such as a such	to execute all papers necessar tion or division thereof and to interference. o execute all papers and documitional Convention for Protection operform all affirmative acts withorize(s) and request(s) the Coation or any divisions or continuate he has (they have) full right to any agreement in conflict here ant(s) the firm of PARKHURS necessary or desirable in order to by the undersigned on the desirable in order to the control of the contr	ry in connection with a cooperate with the Assi ents and perform any act of Industrial Property which may be necessary to missioner of Patents to convey the entire interest of the with.  The WENDEL, L.L. It is comply with the rules of the convey the entire interest of the comply with the rules of the complex with th	ons as the Assignee many interference which gnee in every way postet which may be necessor similar agreements. To obtain a grant of a very constant of a very constant of the said Assignee, set herein assigned, and the United States Patersigned name(s).	may be declared sible in obtaining sary in connection ralid United States ters Patents of the as Assignee of the it that he has (they on this assignment ent and Trademark (SEAL)		
concernevidence with clumited entire in have) reamy fur	tions thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such a central agree and going forward with such a central agree and going forward with such a central agree agree(s) that the undersigned agree(s) that the Assignee.  5) The undersigned hereby autother and hereby covenants that the executed and will not execute and the executed and will not executed. The undersigned hereby grather identification which may be recordation of this document.  In witness whereof, executed Date June 14, 2001  Date June 14, 2001	to execute all papers necessar tion or division thereof and to interference. o execute all papers and docum tional Convention for Protection o perform all affirmative acts w atthorize(s) and request(s) the Co ation or any divisions or continuat he has (they have) full right to the perform of PARKHURS necessary or desirable in order to by the undersigned on the de Name of Inventor Name of Inventor	y in connection with a cooperate with the Assi ents and perform any act of Industrial Property thich may be necessary to missioner of Patents to convey the entire interest to convey the entire interest the weak with.  The WENDEL, L.L. It is comply with the rules of the convey the entire interest the comply with the rules of the complex of the comp	ons as the Assignee many interference which gnee in every way postet which may be necessor similar agreements. To obtain a grant of a very consist of the said Assignee, set herein assigned, and the United States Pater of the United State	may be declared sible in obtaining sary in connection alid United States ters Patents of the as Assignee of the I that he has (they on this assignment and Trademark (SEAL)  (SEAL)		
concernevidence with clumited entire in have) reamy fur	tions thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such its agree and going forward with such its aims or provisions of the Internation 4) The undersigned agree(s) to the Assignee.  5) The undersigned hereby auxiliary states resulting from said applicanterest, and hereby covenants that executed and will not execute 6) The undersigned hereby grather identification which may be recordation of this document.  In witness whereof, executed Date June 14, 2001  Date June 14, 2001  Date June 14, 2001	to execute all papers necessarion or division thereof and to interference. o execute all papers and documitional Convention for Protection operform all affirmative acts which thereof and to division of the Content of	tion with such application  y in connection with a cooperate with the Assion of Industrial Property thich may be necessary from the major that the convey the entire interest the major that the comply with the rules of the major that the complex from the major that the	ons as the Assignee many interference which gnee in every way post which may be necessor similar agreements. To obtain a grant of a voto issue any and all Let to the said Assignee, set herein assigned, and the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).	may be declared sible in obtaining sary in connection ralid United States ters Patents of the as Assignee of the it that he has (they on this assignment ent and Trademark (SEAL)		
concernevidence with clumited entire in have) reamy fur	tions thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such its aims or provisions of the Internation of the Assignee.  5) The undersigned agree(s) to the Assignee.  5) The undersigned hereby at States resulting from said applicanterest, and hereby covenants the tot executed and will not execute 6) The undersigned hereby grather identification which may be recordation of this document.  In witness whereof, executed Date June 14, 2001	to execute all papers necessar tion or division thereof and to interference. o execute all papers and docum tional Convention for Protection o perform all affirmative acts w atthorize(s) and request(s) the Co ation or any divisions or continuat he has (they have) full right to the perform of PARKHURS necessary or desirable in order to by the undersigned on the de Name of Inventor Name of Inventor	ents and perform any action with a cooperate with the Assistents and perform any action of Industrial Property which may be necessary to mmissioner of Patents to convey the entire interest to convey the entire interest to comply with the rules of the complex of the comple	ny interference which gnee in every way post which may be necestor similar agreements. To obtain a grant of a very to the said Assignee, set herein assigned, and the United States Pater of the United States Pat	may be declared sible in obtaining sary in connection ralid United States ters Patents of the as Assignee of the it that he has (they on this assignment ent and Trademark (SEAL)  (SEAL)  (SEAL)		
concernevidence with clumited entire in have) reamy fur	ations thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such a central agree and going forward with such a central agree and going forward with such a central agree agree(s) to the agree agree(s) to the Assignee.  5) The undersigned agree(s) to the Assignee.  5) The undersigned hereby at a contral agree and hereby covenants that the executed and will not execute and the executed and will not executed. The undersigned hereby grather identification which may be recordation of this document.  In witness whereof, executed Date June 14, 2001	to execute all papers necessar tion or division thereof and to interference. o execute all papers and docum tional Convention for Protection o perform all affirmative acts w atthorize(s) and request(s) the Co ation or any divisions or continuate he has (they have) full right to any agreement in conflict here ant(s) the firm of PARKHURS necessary or desirable in order to by the undersigned on the de Name of Inventor	tion with such application with a cooperate with the Assistant perform any act of Industrial Property which may be necessary thich may be necessary to missioner of Patents to convey the entire interest to convey the entire interest the comply with the rules of the complex of	ny interference which gnee in every way post which may be necessor similar agreements. To obtain a grant of a very to the said Assignee, set herein assigned, and the United States Patersigned name(s).  The power to insert of the United States Patersigned name(s).  The power to insert of the United States Patersigned name(s).  The power to insert of the United States Patersigned name(s).  The power to insert of the United States Patersigned name(s).	may be declared sible in obtaining sary in connection ralid United States ters Patents of the as Assignee of the it that he has (they on this assignment ent and Trademark (SEAL)  (SEAL)  (SEAL)  (SEAL)		
concernevidence with clumited entire in have) reamy fur	ations thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such a central agree and going forward with such a central agree and going forward with such a central agree agree(s) to the agree agree(s) to the Assignee.  5) The undersigned agree(s) to the Assignee.  5) The undersigned hereby at a contral agree and hereby covenants that the executed and will not execute and the executed and will not executed. The undersigned hereby grather identification which may be recordation of this document.  In witness whereof, executed Date June 14, 2001	to execute all papers necessar tion or division thereof and to interference. o execute all papers and docum tional Convention for Protection o perform all affirmative acts w atthorize(s) and request(s) the Co ation or any divisions or continuate he has (they have) full right to any agreement in conflict here ant(s) the firm of PARKHURS necessary or desirable in order to by the undersigned on the de Name of Inventor	ents and perform any action with a cooperate with the Assiments and perform any action of Industrial Property which may be necessary formalissioner of Patents to convey the entire interest with.  To WENDEL, L.L. In the comply with the rules of the complex of th	ny interference which gnee in every way post which may be necessor similar agreements. To obtain a grant of a voto issue any and all Let to the said Assignee, set herein assigned, and the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).	may be declared sible in obtaining sary in connection ralid United States ters Patents of the as Assignee of the it that he has (they on this assignment ent and Trademark (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)		
concernevidence with clumited entire in have) reamy fur	ations thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such a central agree and going forward with such a central agree and going forward with such a central agree agree(s) to the undersigned agree(s) to the Assignee.  5) The undersigned hereby autotic executed and will not execute and hereby covenants that executed and will not execute a covered and will not execute and the executed and will not executed. In witness whereof, executed the date of this document.  In witness whereof, executed the date of the undersigned hereby grapher identification which may be recordation of this document.  In witness whereof, executed the date of the undersigned hereby grapher identification which may be recordation of this document.  In witness whereof, executed the date of the undersigned hereby grapher identification which may be recordation of this document.  In witness whereof, executed the undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be recorded and undersigned hereby grapher identification which may be re	to execute all papers necessar tion or division thereof and to interference. o execute all papers and docum tional Convention for Protection o perform all affirmative acts w atthorize(s) and request(s) the Co ation or any divisions or contin at he has (they have) full right to any agreement in conflict here ant(s) the firm of PARKHURS necessary or desirable in order to by the undersigned on the da Name of Inventor	ents and perform any action with a cooperate with the Assimate and perform any action of Industrial Property which may be necessary to missioner of Patents to convey the entire interest to convey the entire interest to convey the entire interest to convey with the rules of the comply with the rules of the complex of	ny interference which gnee in every way post which may be necessor similar agreements. To obtain a grant of a voto issue any and all Let to the said Assignee, set herein assigned, and the United States Pate ersigned name(s).  Ira Okuda ingeru Namiki woshi Saeki wosha sahiyuki Fujioka	may be declared sible in obtaining sary in connection ralid United States ters Patents of the as Assignee of the it that he has (they on this assignment ent and Trademark (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)		
concernevidence with clumited entire in have) reamy fur	ations thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such a central agree and going forward with such a central agree and going forward with such a central agree agree(s) to the undersigned agree(s) to the Assignee.  5) The undersigned hereby at the states resulting from said applicant erest, and hereby covenants the context of the undersigned hereby grapher identification which may be recordation of this document.  In witness whereof, executed Date June 14, 2001  Date June 14, 2001  Date June 14, 2001  Date Date Date This assignment should preferation and agree agree and assignment should preferation.	to execute all papers necessar tion or division thereof and to interference. o execute all papers and docum tional Convention for Protection o perform all affirmative acts w atthorize(s) and request(s) the Co ation or any divisions or continuat he has (they have) full right to any agreement in conflict here ant(s) the firm of PARKHURS necessary or desirable in order to by the undersigned on the di Name of Inventor	ry Public if within the U	ny interference which gnee in every way post which may be necessor similar agreements. To obtain a grant of a voto issue any and all Let to the said Assignee, set herein assigned, and the United States Pate ersigned name(s).  Ira Okuda ingeru Namiki woshi Saeki wosha sahiyuki Fujioka	may be declared sible in obtaining sary in connection ralid United States ters Patents of the as Assignee of the it that he has (they on this assignment ent and Trademark (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)  (SEAL)		
or expector evidence with clumited entire in have) in any fur Office	ations thereof and also to execute edient.  2) The undersigned agree(s) ming this application or continuate and going forward with such a central agree agre	to execute all papers necessar tion or division thereof and to interference. o execute all papers and docum tional Convention for Protection o perform all affirmative acts w atthorize(s) and request(s) the Co ation or any divisions or contin at he has (they have) full right to ant (s) the firm of PARKHURS necessary or desirable in order to by the undersigned on the di Name of Inventor	ry Public if within the Ues who also sign here:	ny interference which gnee in every way post which may be necessor similar agreements. To obtain a grant of a very to the said Assignee, set herein assigned, and the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).  The power to insert of the United States Pate ersigned name(s).	may be declared sible in obtaining sary in connection alid United States ters Patents of the as Assignee of the 4 that he has (they on this assignment and Trademark (SEAL)  (SEAL)		

RECORDED: 06/21/2001

PATENT REEL: 011947 FRAME: 0794