07-23-1998

VRD 7-20-98

FORM PTO-1595
1-31-92

DOCKET NO. 0549-0019-3

U.S. DEPARTMENT OF COMMERCE, Patent and Trademark Office

To the Honorable Commissione of Patents	Trademarks. Please record the attach	ned original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and add	ress of receiving party(ies):
Masanori TSUDA, Atsushi OKUNO, Y	asuhiro NAKAI Name: SHINK	O ELECTRIC CO., LTD.
Additional name(s) of conveying party(ies) □ Yes No		Takegahana-cho, Ise-shi 516-8550, JAPAN
3. Nature of Conveyance:		
□ Assignment □ Merg □ Security Agreement □ Other		(s) & address(es) attached?
Execution Date: June 22, 1998		
4. Application number(s) or patent number	r (s):	
If this document is being filed together wit	th a new application, the execution date of	f the application is:
A. Patent Application No.(s)	B. Patent No.(s)	
09/064,774		
·	Additional numbers attached? □ Yes ⊠	
5. Name and address of party to whom coconcerning document should be mailed:	orrespondence 6. Total number	of applications and patents involved:
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law Fourth Floor	⊠ Enclosed	CFR 3.41):\$ 40.00 I to be charged to deposit account
1755 Jefferson Davis Highway Arlington, Virginia 22202		ant number: 15-0030
Thington, The Leave	į.	copy of this page if paying by deposit
	DO NOT USE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the foot the original document.	foregoing information is true for correct and i	any attached copy is a true copy
C. Irvin McClelland Name of Person Signing	Signature 7. Gnuse	Date
Registration No. 21,124	Registration Number 27,295	Total number of pages including cover sheet: 3
OMB No. 0651-0011 (exp. 4/94)		
	Do not detach this portion	

07/22/1998 DNGUYEN 00000156 09064774

Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

)1 FC:581

Public burden reporting for the sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

	WHEREAS, I (WE) MASANORI TSUDA, and ATSUSHI OKUNO and YASUHIRO NAKA		
SERT NAMES	all of c/o Ise Works of SHINKO ELECTRIC CO., LTD., 100, Takegahana-cho,		
ND RESIDENCE ODRESSES OF HE INVENTORS:	Ise -shi, Mie 516-8550, JAPAN		
	, respectively.		
SERT TITLE	have invented certain new and useful improvements in: INDUCTION HEATING FURNACE		
	AND BOTTOM TAPPING MECHANISM THEREOF		
SERT DATE IN- NTORS SIGNED CLARATION:	for which an application for Letters Patent was executed on		
	(Application No, filed _April 23, 1998), and		
SERT NAME ID ADDRESS OF IMPANY OR THER ASSIGNEE:	WHEREAS, SHINKO ELECTRIC CO., LTD.		
THE MADE OF THE PARTY OF THE PA	(hereinafter referred to as "ASSIGNEE") having a place of business at: 100, Takegahana-cho,		
	Ise-shi, Mie 516-8550, JAPAN ,		
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
	NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the		

tions, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: X	JUN. 22.1998	X Masangii Sula (Signature of Inventor) Masanori TSUDA
Date: X	JUN. 2 2. 1998	X Atsushi Chauna (Signature of Inventor) Atsushi OKUNO
Date: X	JUN 2 2. 1998	X Yasuhiro Nakar (Signature of Inventor) Yasuhiro NAKAI
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

1/95