FORM PTO-1595 (modified)	11-12-20	002	HEET	U.S. DEPARTMENT OF COMMERC Patent and Trademark Offic		
			-	, asset and trademark office		
To the Honorable Assistant Secretary and or copy(ies) thereof.	1022783		Please record	d the attached original document(s)		
1. Name of conveying party(ies):	5-02	2. Nam	ne and address of I	receiving party(ies):		
Tetsuo KOMAI and Norihiko NOMUF	RA MOV 8 5 2002	Nam	ne: EBARA CORPO	DRATION		
Additional name(s) of conveying party(ies) attach 3. Nature of conveyance:	ed? <u>No</u>	Stre		Haneda Asahi-cho, Ohta-ku,		
·	Margar		<u>10kyC</u>	144-8510 Japan		
Security Agreement Other	Merger Change of Name	Addition	al name(s) & address(e	s) attached? <u>No</u>		
Execution Date: October 22, 2002 4. Application number(s) or patent num	nber(s):					
If this document is being filed together A. Patent Application No.(s) 10/203,804 5. Name and address of party to whom	Additional numbe	B. Pate , iss	ent No.(s) ued ed? <u>No</u>	e application is: ations and patents involved: 1		
concerning document should be mailed: Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Michael S. Huppert, Esg.			ol fee (37 CFR 3.4	1) \$ <u>40.00</u>		
Street Address: 2033 K Street, N.W., Suite 800			X Enclosed (Check No. 53315) Authorized to be charged to deposit account			
City: Washington, State: DC ZIP:	20006-1021		osit account numb			
	DO NOT USE			is page if paying by deposit account)		
 Statement and signature. To the best of my knowledge and belief, original document. Michael S. Huppert , Reg. No. 40,268 Name of Person Signing 		on is true a	Nov Dat	rember 5, 2002		
OMB No. 0651-0011 (exp. 4/94)		*******		- pages including devel cheek.		
Mail documents to be recorded with require		n:	THE COMMISSION TO CHARGE AN' FEES FOR THIS	ONER IS AUTHORIZED Y DEFICIENCY IN THE PAPER TO DEPOSIT		
Commiss	oner and Assistant Secr Box Assi Washington,	gnments	-	(\$ 0976)		
Public burden reporting for this sample cove time for reviewing the document and gather comments regarding this burden estimate to Washington, D.C. 20231, and the Office of 20503.	ing the data needed, and the U.S. Patent and Tra	l completir idemark O	ng and reviewing the ffice, Office of Inform	sample cover sheet. Send nation Systems, PK2-1000C,		
08/2002 GTON11						

PATENT REEL: 013461 FRAME: 0359

ASSIGNMENT

	each of the undersigned
	Tetsuo KOMAI and Norihiko NOMURA
nsert Name(s) f Inventor(s)	
	the undersigned hereby sell(s) and assign(s) to
nsert Name(s) f Assignee(s)	EBARA CORPORATION
Address	of 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 Japan
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
Citle of nvention	EXHAUST PIPE HAVING MEANS FOR PREVENTING DEPOSITION OF A REACTION BY-PRODUCT AND METHOD FOR PREVENTING DEPOSITION OF A REACTION BY-PRODUCT (filed on August 14, 2002 under USSN 10/203,804)
	for which an application for patent in the United States has been executed by the undersigned on
Date of Signing Application	October 22, 2002

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 013461 FRAME: 0360 The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	October 22, 20	Name of Inventor	Tetsuo	homai	Tetsuo	KOMAI
Date	October 22, 20	Name of Inventor	Korihiko	homura	Norihik	o NOMURA
		, Name of Inventor				
Date		, Name of Inventor				
Date		, Name of Inventor				
Date		, Name of Inventor				
Inven	tor(s) should be with	ald preferably be acknowledge essed by at least two witnesses the Watanafe ko Kuba	s who sign here.)		
		ACKNOV	VLEDGN	IENT		
1	his	day of			19	, before me
perso	nally came the above	-named				
	•	the individual(s) who execut		rein set forth.	o did ackno	owledge to me that he
SEA	L			Onk	nai Signature	
7	he above application	may be more particularly ide	ntified as follows		fficial Title	
U.S.	Application Serial No	. 10/203,804	Fi	ing DateAu	gust 14,	2002
Appli	icant Reference No. 1	ME:SIT, PC/E-6-698US	At	ty. Docket No	2002-10	67A
Title	of Invention					

PATENT REEL: 013461 FRAME: 0361

RECORDED: 11/05/2002