Form PTO-1595 (Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

1. Name of conveying party(ies):



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

Docket No. 740709-507

102516 1-29-03 To the Honorable Commissioner of Patents and Trademarks

)	91	4		July 28, 2 JLC/TLE	
-	Pleas	se record the attached original documents or	or		
	2.	Name and address of receiving par	ty	(ies)	
		Name: <u>Ube Industries, Ltd.</u>			
		Internal Address:			PTC
		Street Address: 1978-96, O-Aza F	<u>(0</u>	gushi	ა, ა,
	1	City: Ube-shi State Yamaguch	ni	Zip:	Ök

(1) Kouji YAMAGUCHI (2) Ryoichi SATO (3) Hideki OZAWA Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: **⋈** Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Country: JAPAN Postal Code: 755-8633 □ Other Execution Date: June 25, 2003 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: June 25, 2003 Patent Application No.(s) B. Patent No.(s) 10,628840 Additional numbers attached? 

Yes 

No 7. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: Jeffrey L. Costellia 8. Total fee (37 CFR 3.41).....\$40.00 Firm Name: Nixon Peabody LLP ■ Enclosed Internal Address: Suite 800 Street Address: 8180 Greensboro Drive, ☐ Authorized to be charged to deposit account City: McLean State: VA Zip: 22102 6. Submission Type 9. Deposit account number: **№** New 19-2380(740709-507) ☐ Resubmission (Non-Recordation) (Attach duplicate copy of this page if paying by deposit account) Document ID# ☐ Correction of PTO Error Reel #\_\_\_\_\_ Frame #\_ ☐ Corrective Document Reel # Frame # DO NOT USE THIS SPACE 10. 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. Tim L. Brackett, Jr. #36,092 Iuly 29, 2003 Date Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 02 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Mail Stop. P.O. Box 1450, Alexandria, VA 22313-1450, on

Mail documents to be recorded with required cover sheet information to: ommissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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**PATENT** 

REEL: 014339 FRAME: 0988

## ASSIGNMENT

of	1978-96, O-Aza	Kogushi	, Ube-si	ni, Yamaguchi, 755-	-8633 Japan
ts :	successors and assigns	s or other le	gal represe	ntatives all my rights, title	and interest, in and for the U
Sta	tes of America, in and	to F	LEXIBL	E HEAT EXCHANGER	?
app and ree: who legs ent: mad awi	lication for United States Letter and Examinations and extensions and extensions are representatives, to the firely as the same woulde;  And I hereby agreeful, and proper in the continuing, continuations.	ates Letters ters Patent v asions thereo and enjoyed the full end ld have been ee to sign an	Patent ther which may of, the said by said nheld and dexecute a of the above	be granted therefore, and a interest being the entire of t	named below) and described in executed on even date her all divisions, continuations, reisonnership of the said Letters Formation, its successors, assigns or latent may be granted, as fully a sassignment and sale had not estruments which may be necessal the preparation and prosecution or reissue applications or in
	,,	interference	proceeding	s, or otherwise to secure the	e title thereto in said assignee;
	And I do hereby	authorize an	d request th	ne Commissioner of Patents (Full Name)	(Signature)
	And I do hereby  Date June 25, 20	authorize an	d request th	ne Commissioner of Patents  (Full Name)  Kouji Yamaguchi	s to issue said Letters Patent to (Signature)
	And I do hereby  Date June 25, 20  Residence Same as P	authorize an OO3 ost Office A	d request the Inventor_	re Commissioner of Patents  (Full Name)  Kouji Yamaguchi  Citizenship Jap	s to issue said Letters Patent to (Signature) 山口井河
	And I do hereby  Date June 25, 20  Residence Same as P  Post Office Address  Date June 25, 20	oo3 ost Office A 3-17-4- Kanagawa	Inventor_ddress 302, Nisa, 221-0	(Full Name)  (Full Name)  Kouji Yamaguchi  Citizenship Jap shikanagawa, Kanaga 0822 Japan  Ryoichi Sato	s to issue said Letters Patent to  (Signature)  an  awa-ku, Yokohama-shi
	And I do hereby  Date June 25, 20  Residence Same as P  Post Office Address  Date June 25, 20  Residence Same as Pe	oo3 ost Office A 3-17-4- Kanagawa 003 ost Office Ac	Inventor_ddress 302,_Nisa,_221-0 Inventor_ddress	(Full Name)  (Full Name)  Kouji Yamaguchi  Citizenship Jap shikanagawa, Kanagawa, Kanagawa, Ryoichi Sato  Citizenship Jap	s to issue said Letters Patent to  (Signature)  an  awa-ku, Yokohama-shi,
	And I do hereby  Date June 25, 20  Residence Same as P  Post Office Address  Date June 25, 20  Residence Same as Per  Post Office Address	003 ost Office A 3-17-4-: Kanagawa 003 ost Office Ac 4-10-80-241-080	Inventor_ddress 302, Nisa, 221-0 Inventor_ddress 4, Wakak	(Full Name)  (Full Name)  Kouji Yamaguchi  Citizenship Jap shikanagawa, Kanaga 822 Japan  Ryoichi Sato  Citizenship Jap badai, Asahi-ku, Ya	(Signature)  an  awa-ku, Yokohama-shi  can  cokohama-shi, Kanagawa
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-	And I do hereby  Date June 25, 26  Residence Same as P  Post Office Address  Date June 25, 26  Residence Same as Po  Post Office Address  Date June 25, 26  Residence Same as Po  Post Office Address	oo3 ost Office A 3-17-4- Kanagaw  oo3 ost Office Ac 241-080 oot Office Ac	Inventor_ddress 302, Nisa, 221-0 Inventor_ddress 4, Wakak 1 Japan Inventor_ddress 311, Mir	(Full Name)  (Full Name)  Kouji Yamaguchi  Citizenship Jap shikanagawa, Kanaga 822 Japan Ryoichi Sato  Citizenship Jap badai, Asahi-ku, Yo Hideki Ozawa  Citizenship Ja	(Signature)  an  awa-ku, Yokohama-shi  can  cokohama-shi, Kanagawa
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	And I do hereby  Date June 25, 20  Residence Same as P  Post Office Address  Date June 25, 20  Residence Same as Po  Post Office Address  Date June 25, 20  Residence Same as Po  Post Office Address  Date June 25, 20  Residence Same as Po  Post Office Address	003  ost Office A 3-17-4- Kanagaw 003  ost Office Ac 4-10-80 241-080 003  ost Office Ac 241-080 241-080	Inventor_ddress 302, Nisa, 221-0 Inventor_ddress 4, Wakak 1 Japan Inventor_ddress 311, Min_Japan Inventor_dness	(Full Name)  (Full Name)  Kouji Yamaguchi  Citizenship Jap shikanagawa, Kanaga 822 Japan Ryoichi Sato  Citizenship Jap badai, Asahi-ku, Ya Hideki Ozawa  Citizenship Jap nami-cho, Chuo-ku,	(Signature)  (Signature)  an  awa-ku, Yokohama-shi  pan  okohama-shi, Kanagawa  八八天子生  pan  Chiba-shi, Chiba,
	And I do hereby  Date June 25, 26  Residence Same as P  Post Office Address  Date June 25, 26  Residence Same as Pc  Post Office Address  Date June 25, 26  Residence Same as Pc  Post Office Address  Date	ost Office Ac 241-080: 003 ost Office Ac 241-080: 003 ost Office Ac 3-16-16-: 260-0842	Inventor_ddress  302, Nisa, 221-0 Inventor_ddress  4, Wakakl Japan Inventor_ddress  311, Min Japan Inventor_ddress	(Full Name)  Kouji Yamaguchi Citizenship Jap shikanagawa, Kanaga 0822 Japan Ryoichi Sato Citizenship Jap badai, Asahi-ku, Ya Hideki Ozawa Citizenship Jap nami-cho, Chuo-ku,	s to issue said Letters Patent to  (Signature)  an  awa-ku, Yokohama-shi  boan  okohama-shi, Kanagawa  小沢秀生  apan  Chiba-shi, Chiba,
	And I do hereby  DateJune_25,_26  Residence Same as P Post Office Address  DateJune_25,_26  Residence Same as Pc Post Office Address  DateJune_25,_26  Residence Same as Pc Post Office Address  Date	oost Office Ac 3-17-4-1 Kanagawa 003 ost Office Ac 4-10-80-1 241-080-1 003 ost Office Ac 3-16-16-1 260-0842	Inventor_ddress  302, Nisa, 221-0 Inventor_ddress  4, Wakaki Japan Inventor_ddress  311, Min_Japan Inventor_ddress	(Full Name)  Kouji Yamaguchi Citizenship Jap shikanagawa, Kanaga 822 Japan Ryoichi Sato Citizenship Jap badai, Asahi-ku, Yo Hideki Ozawa Citizenship Jamami-cho, Chuo-ku, Citizenship	s to issue said Letters Patent to  (Signature)  an  awa-ku, Yokohama-shi  pan  okohama-shi, Kanagawa  小沃秀生  apan  Chiba-shi, Chiba,
	And I do hereby  DateJune_ 25, 20  Residence Same as P Post Office Address  DateJune_ 25, 20  Residence Same as Po Post Office Address  DateJune_ 25, 20  Residence Same as Po Post Office Address  Date  Residence Same as Po Post Office Address	003  ost Office A  3-17-4-  Kanagaw  003  ost Office A  4-10-80  241-080  003  ost Office A  3-16-16- 260-0842  ost Office A	Inventor_ddress 302, Nisa, 221-0 Inventor_idress 4, Wakak 1 Japan Inventor_idress 311, Mir_Japan Inventor_ddress	(Full Name)  (Full Name)  Kouji Yamaguchi  Citizenship Jap shikanagawa, Kanagawa, Kana	s to issue said Letters Patent to  (Signature)  an  awa-ku, Yokohama-shi,  pan  okohama-shi, Kanagawa  八八天 安生  apan  Chiba-shi, Chiba,
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PATENT
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