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Name and address of receiving party(ies):

TO THE ASSISTANT COMMISSIONER FOR 1.

101767919

........ documents or copy thereof.

- Name of conveying party(ies): (If multiple assignors, list numerically)
 - Takeyoshi Doko
 - Akira Kawahara

Additional name(s) of conveying party(ies) attached? Yes

()

(X)

No

Name:

The Furukawa Electric Co., Ltd.

Address:

6-1, Marunouchi 2-chome

Chiyoda-ku, Tokyo

Japan

Additional name(s) of receiving party(ies) attached?

Yes ()

(X)

6,2201

- Nature of conveyance:
 - (X) Assignment
 - () Merger
 - () Security Agreement
 - () Change of Name
 - () Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in

- 1 above) 1. March 21, 2001
 - 2. March 20, 2001

- Application number(s) or Patent number(s):
 - Application(s) filed herewith Execution Date(s): ()
 - (X) Patent Application No.: 09/815,383 Filing Date: March 22, 2001
 - Patent No.: () Issue Date:

Additional numbers attached? ()

Name and address of party to whom correspondence concerning document should be mailed:

Name:

Thomas R. Arno

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: IIDAP8.001AUS

- Total fee (37 CFR 3.41): \$40
- (X) Enclosed
- 8. Deposit account number: 11-1410

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- Total number of applications and patents involved: 1
- 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.

Thomas R. Arno

Name of Person Signing

6/19/01

Registration No.

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

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office Attn: Assignment Division Crystal Gateway-4 1213 Jefferson Davis Highway, Suite 320 Arlington, VA 22202

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PATENT REEL: 011933 FRAME: 0161

OI O II WILL	unou	chi 2-chome, Chiyoda-ku, Tokyo, Japan	·		
(2) Akira KAWAHARA					
a <mark>Japan</mark> of 6-1, Mar	unou	citizen, residing at <u>c/o THE FURUKAWA E</u> J chi 2-chome, Chiyoda-ku, Tokyo, Japan	LECTRIC CO., LTD.		
(3)					
		citizen, residing at			
hereinafter referr new	red to a	as Assignor (collectively if more than one inventor is listed	d above), have invented certain		
	L FC	ls inMETHOD FOR MANUFACTUI OR BRAZING ch:			
(a)	\boxtimes	is attached hereto; or			
(b)	X	was filed on March 22, 2001	as Application		
		No. <u>09/815,383</u> or Express not	Mail No., as Application No.		
		yet known	and was amended		
		yet knownon			
(c)			(if applicable); or		
(c)		on	(if applicable); or ion No.		
(c)		on was described and claimed in PCT International Applicat	(if applicable); or ion No.		
(c)		on	(if applicable); or ion No.		
	□ HEREZ	on was described and claimed in PCT International Applicatfiled on and as amended under PCT Article 19 on	(if applicable); or ion No.		

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged. Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to

PATENT REEL: 011933 FRAME: 0162 and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 21st	day of_March	Signature of Takeyoshi DOKO
This 20th	day of_March	Signature of Akira KAWAHARA
This	day of	, 20 Signature of

PF-53

RECORDED: 06/22/2001

PATENT REEL: 011933 FRAME: 0163