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U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0027 (exp. 6/30/2008)	09-15-2	2008	United States Patent and Trademark Office
			Attomey docket: 53V-020-TN
To the Director of the U.S. Patent :	103524	633	documents or the new address(es) below.
Name of conveying party(ies)		2. Name and ad	dress of receiving party(ies)
(1) Katsuyoshi MUKAI (2) Toshiyuki MATSUMOTO		(1) Name: NIPPON CRUCIBLE CO., LTD.	
		Street Address: 21-3, Ebisu 1-chome, Shibuya-ku	
(3) Kiyohumi Kawai		City: <u>Tokyo</u>	
Additional name(s) of conveying party(ies) attached? Yes X No		State:	
3. Nature of conveyance/Execution Date(s): Execution Date(s) (1) July 24, 2008, (2) July 15, 2008 (3) July 29, 2008		Country: <u>JA</u>	PAN Zip: 1500013
X Assignment Merger		(2) Name: DAIKI ALUMINIUM INDUSTRY CO., LTD.	
Security Agreement Change of Name		Street Address: 46, Minamikyuhoji 3-chome	
Joint Research Agreement		City: <u>Yao-shi</u>	
Government Interest Assignment		State: Osaka	
Executive Order 9424, Confirmatory License		Country: <u>JAPAN</u> Zip: <u>5810076</u>	
Other		Additional name(s)	& address(es) attached? Yes X No
Application or patent number(s):     A. Patent Application No.(s)	X Thi	B. Patent No.	filed together with a new application. (s)
Name and address to whom correspondence concerning document should be mailed:		6. Total number	r of applications and patents
Name: DAVID G. POSZ		7. Total fee (37	CFR 1.21(h) & 3.41) \$_40
POSZ LAW GROUP, PLC		Authoriz	ed to be charged by credit card
Street Address: <u>12040 SOUTH LAKES DRIVE, SUITE 101</u> City: <u>RESTON</u>			ted to be charged any additional fee(s) or ny overpayment(s) to deposit account.
State: <b>VA</b> Zip: <b>20191</b>		X Enclose	d
Phone Number: <u>(703) 707-9110</u>		None re	quired (government interest not affecting title)
Fax Number: (703) 707-9112		8. Payment Info	rmation
Email Address:			
		a. Credit Card I	Last 4 Numbers Expiration Date
		b. Deposit Accou	nt Number <u>50-1147</u>
		Authorized User Name DAVID G. POSZ	
9. Signature: Signature September 9, 2008			

09/10/2008 GFREY1

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Name of Person Signing

**DAVID G. POSZ (REG. NO. 37, 701)** 

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**PATENT REEL: 021532 FRAME: 0890** 

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Total number of pages including cover

sheet, attachments, and documents:

## **ASSIGNMENT**

12/224882

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby, assign(s), sell(s) and transfer(s) to

 NIPPON CRUCIBLE CO., LTD., of 21-3, Ebisu 1-chome, Shibuya-ku, Tokyo 1500013, Japan

LADLE FOR MOLTEN METAL DELIVERY

on even date herewith

2) DAIKI ALUMINIUM INDUSTRY CO., LTD., of 46, Minamikyuhoji 3-chome, Yao-shi, Osaka 5810076, Japan

described in an application for Letters Patent of the United States executed

as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America, and its territories, dependencies and possessions, to certain inventions known as

as U.S. Application Serial No.	"->	filed on
may be granted therefor. The undersigne	d hereby authorize(s	said application and all Letters Patents that a) and request(s) the United States s Patent or Letters Patents to said Assigned
The undersigned agree(s), when requeste which may be necessary for securing, ma vesting title thereto in said Assignee.		, take all rightful oaths, and perform all acts ng patents for said inventions and for
The undersigned authorize(s) and empower of priority provided under any and all inter as may be necessary in connection with s	national conventions	
The undersigned also authorize(s) Posz L may be necessary or desirable for recorda	ation of this documer	nt.
Inventor 1: Katsuyoshi MUKAI	08.7.2 Date:	24 <u>K. Kitadete</u> Witness
Inventor 2: Toshiyuki MATSUMOTO	108. ). /	Witness Witness
Inventor 3: Kiyohumi KAWAI	08.7. Date:	29 K. Kitadate Witness
Inventor 4:	Date:	Witness
Inventor 5:	Date:	Witness

Revised March 2005

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