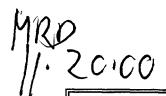
12-12-2000





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Case Docket No. 001434

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1. Name of conveying party(ies):

Keiichiro OHTA

Additional name(s) of conveying party(ies) attached? NO

U.S. P.

2. Name and address of receiving party(ies):

Name: SHOWA ALUMINUM CORPORATION

Street Address: 224, Kaisancho 6-cho, Sakai-shi,

Osaka 590-8576 Japan

Additional name(s) & address(es) attached? NO

3. Nature of conveyance: Assignment

Execution Date: September 7, 2000

- 4. Title: HEAT SINK AND METHOD OF FABRICATING SAME
- 5. 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: <u>September 7, 2000</u>

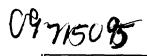
A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? NO

1/22/2000 JBALINAN 00000048 09715095

3 FC:581 40.00 JP

PATENT REEL: 011312 FRAME: 0214



6. Name and address of party to whom correspondence concerning document should be mailed: Name: Armstrong, Westerman, Hattori, McLeland & Naughton **Suite 1000** 1725 K Street, N.W. Washington, D.C. 20006 7. Total number of applications and patents involved: 1 8. Total fee (37 CFR 3.41).....\$ 40.00 XX Check enclosed 9. Deposit Account No.: 01-2340 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. Date: November 20, 2000 Stephen G. Adrian Reg. No.: 32,878 Total number of pages including cover sheet: 3 SGA/ll

> PATENT REEL: 011312 FRAME: 0215

Armstrong.	Westerman,	Hattori.	McLeland	S.	Naughton
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Docket No. _

U.S. ASSIGNMENT						
	IN CONSIDERATION of the s consideration paid to the undersign	um of One Dollar (\$1.00), and ned inventor(s) (hereinafter ASSIG	of other good and valuable NOR) by			
(Insert ASSIGNEE's	SHOWA ALUMINUM CORPORATION, 224, Kaisancho 6-cho,					
Name(s) Address(es))	Sakai-shi. Osaka 59 (hereinafter ASSIGNEE), the receinereby sells, assigns and transfers the invention entitled	pt of which is hereby acknowledge	d, the undersigned ASSIGNOR usive right, title and interest to			
(Title of Invention)	HEAT SINK AND METHO	THOD OF FABRICATING SAME				
(*If the assignment is being filed after the filing of the application, this section must be completed)	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below: "filed on, Serial No (Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series					
Completery	code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any					
	continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.					
	The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.					
	The ASSIGNOR agrees to executification, or other legal proceedic continuation, divisional, reissue or thereon and to cooperate with the evidence and proceeding with such	reexamination thereof or Letters: ASSIGNEE in every way possib	rning this application or any Patent or reissue patent issued le in obtaining and producing			
	n (2	ndersigned inventor(s) has (have) af				
(Signatures)	Keuchiro Ohta	Keiichiro OHTA	Sep. 7, 2000			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
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	(SIGNATURE)	(TYPE NAME)	(DATE)			
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RECORDED: 11/20/2000

PATENT REEL: 011312 FRAME: 0216