A/D 581.40

05-02-2001

Reg. No. 22,980

ENTS ONLY

U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 108384-00020

Date: March 26, 2001

101701442				
To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof				
1. Name of conveying party(ies)	Name and address of receiving party(ies):			
Takashi KUBOTA, Hiroshi WATANABE	Name: Mitsui Mining & Smelting Co., Ltd.			
Additional name(s) of conveying party(ies) attached?	Address: 1-11, Osaki 1-chome, Shinagawa-ku Tokyo 141-8584, Japan			
☐ Yes	Additional name(s) & address(es) attached?			
	☐ Yes			
3. Nature of conveyance:				
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ □ Ot				
Execution Date: February 28, 2001				
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: February 28, 2001				
A. Patent Application No.(s) B. Patent No.(s)				
091787434 Additional numbers attached? ☐ Yes ⊠ No				
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: One			
Name: Arent Fox Kintner Plotkin & Kahn PLLC	7. Total fee (37 CFR 3.41) \$ 40.00			
Street Address: 1050 Connecticut Avenue, N.W., Suite 600	☑ Included in attached check.			
Washington, D.C. 20036-5339	Any additional fees are authorized to be charged to deposit account			
rzavzosi urpupa,, podoposo oska7434	0. Donasia anno 11 minham 01 0000			
FC:58: 40.00 34	8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
9. 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. Output Description:				
Robert B. Murray	March 26, 2001			
Name of Person Signing Signature Date				

PATENT REEL: 011735 FRAME: 0044

Total number of pages including cover sheet, attachments, and document: 2

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Milester green to other transmissioner

Docket No.	

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)]

Mitsui Mining & Smelting Co., Ltd. 1-11, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584, JAPAN

[Title of Invention] Aluminum Alloy Thin Film, Target Material, and Method for Forming Thin Film by Use of the Target Material

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the

[*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. _____

(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series 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, division, renewal, 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 application and any continuing, 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 execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

Jakashi Kubota	Takashi KUBOTA	Feb. 28,2001
(SIGNATURE)	(TYPE NAME)	(DATE)
Hiroshi Watanace	Hiroshi WATANABE	Fieh. 28,2001
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

NO LEGALIZATION REQUIRED

RECORDED: 03/26/2001

invention entitled

PATENT REEL: 011735 FRAME: 0045