SUBSTITUTE

RE



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 102793									
To the Honorable Commissioner of Patents and Trademarks:	Name and address of receiving party(ies): Name: United States Air Force								
1. Name of conveying party(ies): MCUBED TECHNOLOGIES, INC. F29601-03-C-0012 7.15.04									
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Internal Address: 377 ABW/JAN								
3. Nature of conveyance:	Street Address: 2251 Maxwell Ave., SE								
 ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☑ Other 	City: Kirtland AFB								
	State: NM Zip: 87117-5773								
Execution Date(s): 16 June 2004									
This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1).	Additional name(s) & address(es) attached? 口 Yes 図 No								
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:									
A. Patent Application No.(s):	B. Patent No.(s):								
10/663,359 Filed: 9/16/2003	A Jul or								
	M T =								
Additional numbers attac	and: G res g no								
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:								
Name: James M. Skorich	<u> </u>								
Internal Address: 377 ABW/JAN	7. Total fee (37 CFR 3.41)\$0								
Street Address: 2251 Maxwell Ave., SE	☐ Enclosed ဩ Not applicable								
City: Kirtland AFB	The instrument to be recorded is not an instrument affecting title (37 CFR 7.1(e)(2) and (j)).								
Only.	Deposit account number:								
State: NM ZIP: 87117-5773	(Attach duplicate copy of this page if paying by deposit account)								
DO NOT USE	THIS SPACE								
 Statement and signature. To the best of my knowledge and belief, the foregoing inforcepy of the original document. 	ormation is true and correct and any attached copy is a true								
James M. Skorich	M / July 2004								
Name of person signing Total number of pages including cover sheet, atta	Signature achments, and document: 2								

PATENT

REEL: 015563 FRAME: 0744

CONFIRMATORY LICENSE

II S	Pater	t Application for (Title) Inser	t Title					
Low	CTE	t Application for: (Title Metal-Ceramic	Composite	Articles	and	Methods	for	Making	Same

Name the Inventor(s) here Inventor(s): Karandikar, Singh, Andersson

Serial No.: 10/663,359

Must be # of Non-Provisional Application

Filing Date: 9/16/2003

Filing Date of Non-Provisional Application

Contract No.: F29601-03-C-0012 F29601-

This Invention identified above is a "Subject invention" under Patent Kignts Clause (52.227-11 short form or -12 long form) included in Contract No. F29601-03-C-0012 with AFRL / MDA (specify Government Agency).

This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent application, and resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed the 16 day of Junf 2004

MICHAEL K. ALKASMULAN

By: M. X. and

Title of Contractor VP Paro. DEVL.

Business Address M Cubto Tech.

1 TRACET IND. PANK

NEWARE DE 19711

(Corporate Seal)

RECORDED: 07/15/2004 REEL: 015563 FRAME: 0745

PATENT