Address (line 4)

Reel #	Frame #	_	✓ Departmental		Secret File
Conveying Par		Mark	If additional names of	conveying partie	s attached Execution Date Month Day Year
Name (line 1) TD					3/31/2003
Name (line 2) Second Party Name (line 1)					Execution Date Month Day Year
Name (line 2)					
Receiving Part	ty		Mark if additi	onal names of re	oceiving parties attached
Name (line 1) U.s	S. Department of Energy				je an assignment and the receiving party is not domicijed in the United
Name (line 2)					states, an appointment of a domestic representative is attached.
Address (line 1) P.C	D. Box 808 (1-376((Designation must be a separate document from Assignment.)
Address (line 2)					
Address (line 3) Liv	vermore	CA		9455	<u> </u>
	resentative Name an	d Address	State/Country Enter for the firs	zie Cod t Receiving Party	
Name		· · · · · · · · · · · · · · · · · · ·			
Address (line 1)					
Address (line 2)					
Address (line 3)					

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Sand comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington

D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0927), Washington, D.C. 20503. See OMB matten and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory Affairs, Office of Management and Bueget, repetition and Regulatory a

FORM PTO-1	619B	Page 2	U.S. Department of Commerce Patent and Trademark Office
Expires 06/30/98 OMB 0651-0027		1 490 =	PATENT
Correspond	lent Name and Address	Area Code and Telephone I	Number (925) 422-4367
Name	William C. Daubenspeck		
Address (line 1)	U.S. Department of Energy		
Address (line 2)	Lawrence Livermore National Labo	oratory	
Address (line 3)	P.O. Box 808 (MS L-376)		
Address (line 4)	Livermore, CA 94550		
Pages	Enter the total number of pa including any attachments.	ges of the attached conveyand	ce document # 1
Application	Number(s) or Patent Nu	mber(s)	Mark if additional numbers attached
If this document was Patent Coo En	the Patent Application Number or the atent Application Number(s) t is being filed together with a new Pater PCT application number by if a U.S. Application Numbers on the been assigned.	etent Application, enter the date the particular partic	Patent Number(s) Annual Patent Application PCT
Number of	Properties Enter the total	al number of properties involve	ed. # 1
Depos		nt for Properties Listed (37 CF losed Deposit Account additional fees can be charged to the Deposit Account Number: Authorization to charge addition	#
T- 44	and Signature	bellef, the foregoing information	on is true and correct and any
attac	ched copy is a true copy of the ated herein.	original document. Charges	do deposit account are audionzed, as
	Janet L. Rego	Janet T. Xa	70 (1-17-03 Date
Nar	Department of F Office of Chief	Daubenspeck, Patent Attorney Bnergy, National Nuclear Security A Counsel, Intellectual Property Law ee, P.O. Box 808, L-376	Administration

Livermore, CA 94550

REEL: 014401 FRAME: 0978

Fax this to (301) 480-0272

License to the United States Government

Invention Title: Surface Modified Particles by Multi-Step Michael-Type Addition and Process for the Preparation Thereof

Inventor(s): Ronald Cook, Brian Elliott, Silvia Luebben, Andy Myers, Bryan Smith

Patent or Application Serial No.: 10/171,422

U.S. Filing/Issue Date: 6/12/2002

Grant/Contract Identification Number(s): DMI-9901730, DE-FG03-00ER82928 and N68335-01-C-0176

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

- 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

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

Signed	this <u>31st</u> day of <u>March</u> ,	20 <u>03</u>
ву <u> </u>	<u>Michael E. Karpuk</u> (Name of Grantee/Contractor Official)	
Title _	President	 -
For	TDA Research, Inc. (Organization)	
At	12345 West 52nd Avenue, Wheat Ridge, CO 80033 (Business Address)	

ignature

RECORDED: 03/05/2004

PATENT REEL: 014401 FRAME: 0979