FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

02-26-2002

U.S. Department of Commerce Patent and Trademark Office PATENT



101993088 J. R SHEET

5.11.03

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).							
	atents and Trademarks			nent(s) or copy(les).			
Submission Type		Conveyance Type					
New		Assignment	Security Agre	ement			
Resubmission (Non-Recordation) Document ID#		License	Change of Na	ıme			
Correction of PTO Error Reel # Frame #		Merger	U.S. Government	irmatory License			
Corrective Document Reel #	rame #		se ONLY by U.S. Government				
Conveying Party(ies)		Mark if additiona	al names of conveying p	arties attached Execution Date Month Day Year			
Name (line 1) John Hopkins	s University			12/13/2001			
Name (line 2) Second Party Name (line 1)				Execution Date Month Day Year			
Name (line 2)							
Receiving Party		N	fark if additional names	of receiving parties attached			
Name (line 1) United States	Department of Energy			If document to be recorded is an assignment and the receiving party is not			
Name (line 2)				domiciled in the United States, an appointment of a domestic			
Address (line 1) 1000 Indepen	1000 Independence Avenue representative is attached. (Designation must be a separate document from Assignment.)						
Address (line 2)			A STATE OF THE STA	Assignment.)			
Address (line 3) Washington	City	D.C. USA State/Country		20585 p Code			
Domestic Representative Name and Address Enter for the first Receiving Party only.							
Name							
Address (line 1)							
Address (line 2)	•						
Address (line 3)							
Address (line 4)							
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. Send 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 (0651-0027), Washington, D.C. 20503. See OMB

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington ATTEN 231

FORM	PTO-1619B
Expires 06	/30/99
OMB 0651	-0027

Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

OND 0031-0027			PAIENI
Correspondent Name and Addres	S Area Code and Telephone Numb	er 630	-252-2393
Name Robert J. Fisher			
ddress (line 1) U.S. Department of Energy			
ddress (line 2) Intellecual Property Law Division	on		
Idress (line 3) 9800 S. Cass Ave			
ddress (line 4) Argonne, IL 60439			
ages Enter the total number of including any attachmen	pages of the attached conveyance docts.	cument #	01
application Number(s) or Patent N	Number(s) Ma	ark if additional nur	nbers attached
Enter either the Patent Application Number or Patent Application Number(s	the Patent Number (DO NOT ENTER BOTH num	bers for the same patent Number(s	
09/960,946			
			Month Day Year
this document is being filed together with a new ras	Patent Application, enter the date the patent ap	plication	
atent Cooperation Treaty (PCT)	PCT PCT	PC	т
Enter PCT application number only if a U.S. Application Num has not been assigned.		PC	т
lumber of Properties Enter the to	otal number of properties involved.	#	
ee Amount Fee Amo	ount for Properties Listed (37 CFR 3.41): \$	0.00
medica of a grown	nclosed Deposit Account		
Deposit Account (Enter for payment by deposit account or	if additional fees can be charged to the Deposit Account Number:	#	
	Authorization to charge additional fee	s: Yes	No 🗸
Statement and Signature			
To the best of my knowledge ar attached copy is a true copy of indicated herein.	nd belief, the foregoing information is t the original document. Charges to de	rue and correct posit account a	and any re authorized, as
Mark P. Dvorscak	Morgale		1-18 62
Name of Person Signing	Signature		Date

CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Firms)

Title : Alloy with Metallic Glass and Quasi-Crystalline Properties

Inventor(s) : Hufnagel et al

Serial No : 09/960,946 Filing Date: **September 25, 2001**

Contractor : John Hopkins University

Contract No. : **DE-FG02-98ER45699**

DOE Case No. : **S-96,016**

Patent Rights Clause No.: DEAR 952.227-11

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):

The Contractor, having the right to retain title to Subject Inventions as a result of Public Law 96-517, has reported the above-identified invention as a Subject Invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States, required by the Public Law and the above-identified contract, in this Subject Invention, patent application and any resulting patent, as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, throughout the world and of all other rights acquired by the Government by the above-identified patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified Subject Invention.

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

(SEAL) Signed this 13 day of De Coube, 20 1/.

By: (Contractor)- Mector

(2) (11)

(Business Address)

PATENT
RECORDED: 02/11/2002 REEL: 012596 FRAME: 0616