1.28.99

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

07-30-1999



101104520

## & Department of Commerce PATENT

## RECORDATION FORM COVER SHEET

TO The O	PATENTS ONL			
TO: The Commissioner of Patents and Trade Submission Type			ocument(s)	or copy(ies).
New	Conveyance Type			
V New	<b>✓</b> Assignment	Security	Agreement	
Resubmission (Non-Recordation) Document ID#	License	Change o	f Name	
Correction of PTO Error	Merger	Other		
Reel # Frame #		U.S. Governm	nent	
Corrective Document Reel # Frame #		Use ONLY by U.S. Gover	nment Agencies	3)
		epartmental File	Sec	ret File
Conveying Party(ies)	Mark if addition	al names of conveyin	g parties attac	Everanou Dare
Name (line 1) SHAH, Manoj R.			]	Month Day Ye 03/22/1999
Name (line 2) Second Party				Execution Date
Name (line 1) LEWANDOWSKI, Chad R.				Month Day Ye 03/16/1999
				03/10/1999
Name (line 2)				
Pagining Dark.				
Receiving Party  Name (line 1) United States Department of Ene		Mark if additional nam	nes of receivin	If document to be recorde is an assignment and the receiving party is not
Name (line 1) United States Department of Ene  Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)	ergy	Mark if additional nam	nes of receivin	if document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic
Name (line 1) United States Department of End	ergy	Mark if additional nam	nes of receivin	if document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Ene  Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)	ergy	Mark if additional nam	nes of receiving	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Ene Name (line 2) Address (line 1) GC-62, MS 6F-067 (FORSTL) Address (line 2) 1000 Independence Avenue, S.W. Address (line 3) Washington	D.C. State/Country			if document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of End Name (line 2) Address (line 1) GC-62, MS 6F-067 (FORSTL) Address (line 2) 1000 Independence Avenue, S.W. Address (line 3) Washington	D.C. State/Country		20585 Zip Code	if document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Ene Name (line 2) Address (line 1) GC-62, MS 6F-067 (FORSTL) Address (line 2) 1000 Independence Avenue, S.W. Address (line 3) Washington	D.C. State/Country		20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Energy Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)  Address (line 2) 1000 Independence Avenue, S.W.  Address (line 3) Washington  City  Domestic Representative Name and	D.C. State/Country		20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Ene Name (line 2) Address (line 1) GC-62, MS 6F-067 (FORSTL) Address (line 2) 1000 Independence Avenue, S.W. Address (line 3) Washington City  Domestic Representative Name and	D.C. State/Country		20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Energy Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)  Address (line 2) 1000 Independence Avenue, S.W.  Address (line 3) Washington  City  Domestic Representative Name and	D.C. State/Country		20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Energy Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)  Address (line 2) 1000 Independence Avenue, S.W. Address (line 3) Washington  City  Domestic Representative Name and Name  Address (line 1)	D.C. State/Country		20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Ene Name (line 2) Address (line 1) GC-62, MS 6F-067 (FORSTL) Address (line 2) 1000 Independence Avenue, S.W. Address (line 3) Washington  City  Domestic Representative Name and Name	D.C. State/Country		20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Energy Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)  Address (line 2) 1000 Independence Avenue, S.W. Address (line 3) Washington  City  Domestic Representative Name and Name  Address (line 1)	D.C. State/Country		20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Ene Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)  Address (line 2) 1000 Independence Avenue, S.W.  Address (line 3) Washington  City  Domestic Representative Name and Name  Address (line 1)  Address (line 2)	D.C. State/Country		20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Ene Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)  Address (line 2) 1000 Independence Avenue, S.W.  Address (line 3) Washington  City  Domestic Representative Name and Name  Address (line 1)  Address (line 2)	D.C. State/Country d Address Ente	er for the first Receiving	20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from
Name (line 1) United States Department of Ene Name (line 2)  Address (line 1) GC-62, MS 6F-067 (FORSTL)  Address (line 2) 1000 Independence Avenue, S.W.  Address (line 3) Washington  City  Domestic Representative Name and Name  Address (line 1)  Address (line 2)	D.C. State/Country	er for the first Receiving	20585 Zip Code	if document to be recorde is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a separate document from

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 Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

U.S. Department of Commerce Patent and Trademark Office

Expires 06/30/99 OMB 0651-0027	Page 2		PATENT
Correspondent Name and Add	ress Area Code and Te	elephone Number	202-586-2810
Name Betty Winchester			
dress (line 1) United States Department	of Energy		
dress (line 2) GC-62, MS 6F-067 (FORS	TL)		
idress (line 3) 1000 Independence Avenue	e, S.W.		
ddress (line 4) Washington, D.C. 20585			
ages Enter the total number	er of pages of the attached ments.	conveyance docum	ent # 2
Application Number(s) or Pate	nt Number(s)	Mark if a	dditional numbers attached
Enter either he Patent Application Numbe Patent Application Numb	·		the same property). t Number(s)
09/305377			
this document is being filed together with a	new Patent Application, enter the o	late the patent application	was Month Day Ye
igned by the first named executing inventor.			
atent Cooperation Treaty (PC	PCT	РСТ	PCT
Enter PCT application number only if a U.S. Application has not been assigned.		PCT	РСТ
lumber of Properties	he total number of propert	ies involved. #	
ee Amount Fee	Amount for Properties List	ed (37 CFR 3.41): \$	40.00
Method of Payment: Deposit Account		it Account 🚺	
(Enter for payment by deposit accour	or it additional fees can be charg Deposit Account Nur		01-2752
	Authorization to cha	ge additional fees:	Yes No
Statement and Signature			
To the best of my knowledg attached copy is a true copy indicated herein.	,		-
Betty Winchester	beflen	linh	7-36-99
Name of Person Signing	<i>∖ ∫</i> Sig	nature	Date

09/305,377

## U. S. DEPARTMENT OF ENERGY PATENT ASSIGNMENT FORM

WHEREAS, we Manoj R. Shah, Chad R. Lewandowski					
in LATHAM County o	_, citizens of the United States residing				
State of, residing in _					
County of Fulton, State of	N'ew York				
have invented certain new and useful improvements	in				
Stator for a Rotating Electrical Machine Having	Multiple Control Windings				
for which we are about to file an application for United States Letters Patent identified					
as S-90,627; and; executed by us on 3	and on				
31 01 7 9; and;					

WHEREAS, the Government of the United States desires to acquire the entire right, title and interest in and to the said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to me in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign and transfer unto the said Government of the United States, as represented by the United States Department of Energy, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Government of the United States or its assigns to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by me had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, with terms and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and we agree that we will aid the Government of the United States in every way in protecting the invention as may be requested by the United

States Department of Energy, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States. WITNESS: **INVENTORS:** WITNESS: **INVENTORS:** Approved and consented to this \_\_\_\_\_\_ day of \_\_\_\_\_\_ day of \_\_\_\_\_\_\_\_, ATTEST: KAPL, Inc., a Lockheed Martin Company Its \_\_\_\_\_President

Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:

Baldein

Assistant General Counsel for Intellectual Property