FORM PTO 1595 1-31-92 1 0 2 4 0 1 8 9 4	HEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Frederic J. Klug Robert A. Giddings Mark A. Janney James O. Kiggans, Jr. Terry N. Tiegs	Name and address of receiving party(ies): Name: General Electric Company Internal Address:
Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: Oct 14, 2002 Oct 14, 2002 Oct 14, 2002	Street Address: One Research Circle City: Niskayuna State: NY ZIP: 12309 Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s): If this document is being filed together with a new approximate Nov 5, 2002 Oct 28, 2002 Oct 14, 2002 A. Patent Application No.(s) 09/617,013 Additional numbers attact	Oct 14, 2002 Oct 14, 2002 B. Patent No.(s) 6, 345, 663
5. Name and address of party to whom correspondence concerning document should be mailed: Name: General Electric Company Internal Address: GRC Patent Docket Rm. 4A59 Bldg. K-1 -Ross P.O. Box 8 Street Address: One Research Circle City: Schenectady State: NY ZIP: 12301	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41\$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 07-0868
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	formation is true and correct and any attached copy March 11, 2003 Signature of pages including cover sheet, attachments and document 4
Mail documents to be recorded with required cover sheet information to:	atents and Trademarks

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> **PATENT REEL: 013868 FRAME: 0905**

ACCIONIMENT		Docket Number
ASSIGNMENT		RD-26272/USA
In consideration of One Dollar and Other good and valuable consideration	, of which I (v	ve) acknowledge receipt, I (we)
Frederic J. Klug of	Schenectad	ly, New York
Robert A. Giddings of	Schenectad	ly, New York
Mark A. Janney of	Knoxville, T	ennessee
James O. Kiggans, Jr. of	Oak Ridge,	Tennessee
• •	Lenoir City,	Tennessee
of		
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limited liability company, their successors and assigns, an undivided one has the improvements in: CORE COMPOSITIONS AND ARTICLES WITH IMPROVED PERIORS GAS TURBINE APPLICATIONS		-
the state of the s		
invented by me (us), as described in the application for United States pate	nt	
executed concurrently herewith, or		
∑ U.S. Serial No.: 09/617,013 , filed 07/14/00		
and any and all applications for patent and patents therefor in any and all continuations and extensions thereof, and all rights of priority resulting from authorize and request any official whose duty it is to issue patents, to issue therefrom to said General Electric Company and UT-Battelle, LLC, or their without further consideration, but at the expense of said Companies, I (we) representatives or nominees any facts known to me (us) respecting said in all lawful papers, execute all divisional, continuing and reissue applications possible to aid said Companies, their successors, assigns, and nominees timprovements in all countries.	n the filing of e any patents sucessors or will commun aprovements s, make all rig	said United States application, and on said improvements or resulting assigns and agree that on request and icate to said Companies or their and testify in any legal proceeding, sign htful oaths and generally do everything
1-1-7-	i.	ic flic
11 05/2002		
Pare F	rederic J. Kl	lug
State of New York SS:		
County of Schenectady		
This 5th day of November,	20 <u>02</u> , be	fore me personally came the
above-namedFrederic J. Klug		onally known as the individual who
executed the foregoing assignment, who acknowledged to me that	t he/she exe	cuted the same of his/her own
free will for the purposes therein set forth. NOTARY PUBLIC IN THE STATE OF THE YORK Seal MY COMMISSION EXPLORABLY COUNTY A COMMISSION EXPLORABLY COUNTY	then b	2. La Brughi
Seal MY COMMISSION EXPIRES MAY 19, 20/76	(Nota	ary Public) V

Page 1 of 3

PATENT REEL: 013868 FRAME: 0906

ASSIGNMENT

Docket Number RD-26272/USA

Nov 5, 2002 Roberta Sidelin
Date Robert A. Giddings
State of New York SS:
County of Schenectady
This day of November, 2002, before me personally came
the above-named to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.
NOTARY PUBLIC IN THE STATE OF NEW YORK Seal RESIDING IN SCHENECTADY COUNTY MY COMMISSION EXPIRES MAY 19, 20 C/L (Notary Public)
Date Mark A. Janney
State of Tennessee SS:
County of 120 AM=)
This day of CCTO 3332, 20 62_, before me personally came
the above-named to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth. Seal My Commission Expires June 12, 2026. (Notary Public)
Date James O. Kiggans Jr.
State of Tennessee State of Tennessee State of Tennessee State of Tennessee Tennessee State of Tennessee Tennessee State of Ten
County of 126 MN13)
This
the above-named James O. Kiggans, Jr to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.
Seal Commission Expires June 12, 2006. (Notary Public)

REEL: 013868 FRAME: 0907

ASSIGNMENT				Docket Number RD-26272/USA		
	10 14 202 Date		Ter	rry N Tiegs		
State ofTennes	see) SS:					
County of	M13)					
This	day of	607013132	, 20 ه کـــــــــــــــــــــــــــــــــــ	-, before me personally came		
individual who ex		erry N. Tiegs g assignment, who ack purposes therein set for	nowledged to	me personally known as the me that he/she executed the		
Seal M	/ Commission Expires .	lune 12, 2006.	(Nota	ary Public)		
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State of) SS:					
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This	day of		, 20	_, before me personally came		
the above-named individual who ex same of his/her of	recuted the foregoing	g assignment, who ack ourposes therein set for	nowledged to	me personally known as the me that he/she executed the		
				tary Public)		

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RECORDED: 03/24/2003

PATENT REEL: 013868 FRAME: 0908

Docket Number