Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)			U.S. DEPARTMENT OF COMMERCE Inited States Patent and Trademark Office
JP	RECORDATION FORM COVER SHEET PATENTS ONLY		S-112,310
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(les) GENERAL ELECTRIC COMPANY		Name and address of receiving party(ies) Name: United States Department of Energy Internal Address:	
3. Nature of con Execution Date(something in the content of the co	Merger		20585
Other	der 3424, deriminatory Electise	Additional name(s) & ad	ldress(es) attached? Yes V No
A. Patent Applica	ation No.(s) Additional numbers att	document is being filed B. Patent No.(s) ached?	d together with a new application.
5. Name and address to whom correspondence concerning document should be mailed: Name: Mark P. Dvorscak		6. Total number of a involved: 1	pplications and patents
Internal Address	U. S. Dept. of Energy, IPLD 800 S. Cass Ave	Authorized to be Enclosed	1.21(h) & 3.41) \$
City: <u>Argonne</u> State: [L	Zip:60439	8. Payment Informat a. Credit Card La	tion st 4 Numbers
Phone Number: 630-252-2393 Fax Number: 630-252-2779 Email Address:		Ex	piration Datet
9. Signature: Signature Date Michael J. Dobbs #58.093 Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 2			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 020539 FRAME: 0917

CONFIRMATORY LICENSE

Title of Invention: Earth-alkaline-aluminosilicate as water-vapor barrier layer for rare-earth

silicate EBC coatings

Inventor(s): Yuk-Chiu Lau, Larry S. Rosenzweig, Krishan Lal, Curtis Alan Johnson, Peter

Meschter, Reza Sarrafi-Nour

Patent Application Serial No: 11/941415

Filing Date: 11/16/07

Patent Number:

Issue Date:

Name of Contractor: General Electric Company

DOE Contract No.: DE-FC26-05NT42643

DOE Case No.: S-112.310

Contractor Docket No.: 225497

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

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 aboveidentified patent application.

William M Genovese/IP Counsel_

Official's Name and Title (typed)

General Electric Company

Contractor Name (typed)

1 River Road

Schenectady, NY 12345

Business Address

PATENT REEL: 020539, FRAME, 0918 $_{**}$