FORM PTO-1619A Expires 06/30/99	01-03-2002		
ОМВ 0651-0027	DEC 3 1 2001		
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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone Number	[630] 252-2393	
Name ROBERT J. FISHER			
Address (line 1) U.S. DEPARTMENT OF ENERGY			
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Mark P. Dvorscak	MDwwsrak	NOV 0 2 2001	
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PATENT REEL: 012402 FRAME: 0780

DEPARTMENT OF ENERGY

CONFIRMATORY INSTRUMENT

Date: August 13, 2001

Optimized Airfoil Shape for the 7H Fourth Stage Turbine Bucket

Application for:

Inventor(s): Serial No.: Filing Date: Frost et al. 09/899,543 July 6, 2001

Participant: General Electric Company GE Power Systems

Cooperative Agreement No.: DE-FC21-95MC31176

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

Signed this _____ day of _____ , 2001.

e MacDonald

Attesting Secretary

GENERAL ELECTRIC COMPANY Participant

Bv: Ernest G. Cusiek

Patent Counsel, GE Power Systems

GENERAL ELECTRIC COMPANY 1 River Road, Building 37 – 5th Floor Schenectady, New York 12345

Docket No.: 51DV-7162