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

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02-08-2005

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

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Correspondent Name and Address	Area Code and Telephone Number [630-252-2042	
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PATENT REEL: 016227 FRAME: 0064

CONFIRMATORY LICENSE

(Advanced Waiver of Patent Rights)

Title

AIRFOIL SHAPE FOR A TURBINE BUCKET

Inventor(s)

Susan M. Hyde, John R. Harris & Muhammad Ikram

Serial No.

10/621,460

Filing Date:

07/18/2003

Subcontractor

GENERAL ELECTRIC COMPANY

DOE Contract No.:

DE-FC21-95MC31176

DOE Case No.

S-106.645

DOE Advanced Waiver No.: W(A)-02-033

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

An advanced waiver of Government rights having been granted by the U.S. Department of Energy (DOE) to General Electric Company and the above-identified invention having been reported as a Subject Invention to DOE by the contractor with its election to file a domestic patent application thereon, the effective date of said waiver for the above invention is April 29, 1997.

Accordingly, this document is confirmatory of the paid-up license required to be granted to the Government under 10-CFR -Part -784 and the above-identified contract in this invention, patent application and any resulting patent as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, and of all rights acquired by the Government by the referenced 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 any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

(SEAL)

GENERAL ELECTRIC COMPANY

(Contractor)

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RECORDED: 01/31/2005

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REEL: 016227 FRAME: 0065