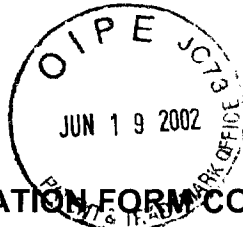


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Area Code and Telephone Number

202-586-2810

Name Betty A. Winchester

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Address (line 2) United States Department of Energy

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Betty A. Winchester

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Signature

JUN 19 2002

Date

## PATENT ASSIGNMENT FORM

WHEREAS, we, Rajesh K. Ahluwalia and Thanh Q. Hua, citizens of the United States residing

in Burr Ridge, County of Cook, State of Illinois;

8/15/01 in Bolingbrook, County of Will, State of Illinois;

have invented certain new and useful improvements in NUCLEAR FUEL

ELECTROREFINER, for which we are about to file an application for United

States Letters Patent identified as S-96,867 and executed by us on the 20<sup>th</sup>

day of August 2001; and on the 15<sup>th</sup> day of August 2001;

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to 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 us 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, and/or its assigns, 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 are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us 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, 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 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 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 inventions as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:

Andrea Classen  
(SEAL)

WITNESS:

Andrea Classen  
(SEAL)

INVENTORS:

Rajesh K Ahluwalia  
Date 8/15/01

Tharak g Hea  
Date 8/15/01

Approved and consented to this 15<sup>th</sup> day of August, 2001.

ATTEST:

Maureen Kalyan  
(SEAL)

James LaFevers  
By James LaFevers  
Deputy to Vice President  
Its \_\_\_\_\_

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

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:

Kathie Baldwin

By D. McFetters  
Assistant General Counsel for Patents