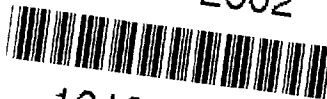




8-92,743

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202-586-2810

Name Betty A. Winchester

Address (line 1) MS 6F-067 (FORSTL), GC-62

Address (line 2) United States Department of Energy

Address (line 3) 1000 Independence Avenue, S. W.

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Date

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AP99-008
DOE Case S-92,743

U.S. DEPARTMENT OF ENERGY
PATENT ASSIGNMENT

WHEREAS, I R. Christopher Witt, citizen of the United States residing in Penn Township,
County of Westmoreland, State of Pennsylvania,
have invented certain new and useful improvements in "Single Piece Silver/Palladium Cell for Adjusting or Measuring a Level of Hydrogen and Methods Therefor", for which I am about to file an application for United States Letters Patent identified as S-92,743 and; executed by me on July 9, 2001; and;

WHEREAS, the Government of the United States desires to acquire the entire right, title and interest in and to the 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 me in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, I 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, the same to be held and enjoyed by the said Government of the United States to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by me had this assignment not been made.

I 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, with 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 Patent 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 I agree that I will aid the Government of the United States in every way in protecting the invention as may be requested by the United States Department of Energy, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:

[Signature]
(Signature of Witness)

INVENTOR:

R. Christopher Witt [Signature] (SEAL)
(Signature of Inventor)

Date 7/11/01

Approved and consented to this 20th day of July, 2001.

ATTEST:

[Signature]
(SEAL)

[Signature]
(Signature of Corporate Officer)

By W. C. Rogers, Bechtel Bettis, Inc.

Its President
(Title of Corporate Officer)

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

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:
Kathleen Baldwin

By [Signature]
Assistant General Counsel for Technology Transfer
and Intellectual Property