



06-24-1999



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Conveyance Type

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Merger Other

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Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Betty Winchester

Name of Person Signing



Signature

6-22-99

Date

PATENT ASSIGNMENT FORM

WHEREAS, I, John O. Outwater, a citizen of the United States residing in Cambridge, County of North State of Massachusetts, have invented certain new and useful improvements in SAPPHIRE TUBE PRESSURE VESSEL, for which I am about to file an application for United States Letters Patent identified as S-89,114 and: executed by me on October 18, 1988 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, 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 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:

David R. Cist 18 Oct 88

INVENTOR:

John Outwater (SEAL)
Date October 18 1988

Approved and consented to this 20th day of October, 19 88

ATTEST:

(SEAL)

XAPI, Inc. a Lockheed Martin Company
By [Signature]
Its President

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

UNITED STATES DEPARTMENT OF ENERGY.
By [Signature]
Assistant General Counsel for Patents

WITNESS:

Nathaniel Baldwin