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

11-14-2000



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

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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

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Correspondent Name and Address	Area Code and Telephone Number (25	6) 386-2363					
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Number of Properties Enter the total number of properties involved. # 1							
Fee Amount Fee Amount f	or Properties Listed (37 CFR 3.41): \$ 4().00					
Method of Payment: Enclosed Deposit Account X Deposit Account							
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 200510							
A	uthorization to charge additional fees:	X 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.							
DARLENE STEVENSON	1 Parlene Skuenson	8/28/2008					
Name of Person Signing	Signature	Date					

PATENT REEL: 011225 FRAME: 0199

ASSIGNMENT

WHEREAS, I, Gracy Lynn Holt, while employed by the Tennessee Valley Authority, a corporation of the United States organized and existing under and by virtue of an act of Corgress, by virtue of and incidental to such employment have invented a certain improvement, for which I have made application for Letters Patent of the United States; and whereas the Tennessee Valley Authority is desirous of acquiring an interest therein:

NOW, THEREFORE, in compliance with Section 5, paragraph (i) of the Tennessee Valley Authority Act, as an incident of such employment, and for good and valuable consideration, receipt whereof is hereby acknowledged, I, Grady Lynn Holt, by these presents do sell, assign, and transfer unto the Tennessee Valley Authority, its successors and assigns, the entire right, title and interest for the territory of the United States of America and for all countries foreign theseto, including rights of priority under the International Convention of Paris (1883) as amended, in and to the invention, as described in the application filed March 3, 2000, serial number 09/518,642, preparatory to obtaining Letters Patent of the United States therefor; said invention, application, and Letters Patent to be held and enjoyed by said Tennessee Valley Authority, as assignee, for its own use and behoof, and for its legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this Assignment and sale not been made; and I hereby agree that said assignee may apply for foreign Letters Patent on said invention.

AND I do further agree, without additional consideration, to sign and execute all papers, make all rightful oaths and declarations, and do all requisite acts in connection with the United States and foreign applications when called upon to do so by said assignee, including those necessary for the filing of any disclaimer or for the filing and assignment of any divisional, continuing, or reissue application or applications based on said invention.

ANE I do still turther agree to communicate to the Tennessee Valley Authority, its successors, assigns, or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

PATENT REEL: 011225 FRAME: 0200 AND I do hereby covenant that I have the full right to make this assignment and warrant that there are no outstanding assignments, grants, licenses, licens, encumbrances, and/or agreements, either express or implied, with respect to said invention and/or said application for Letters Patent at the time of execution of this Assignment.

Executed this 24 day of Leagust

2000.

State of Alabama

County of Colbert

On this day of August, 2000, before me personally appeared Grady Lynn Holt, to me known to be the person(s) described in, and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

Dallere Her Notary Public

SEAL

My commission expires 11-2001.

RECORDED: 09/01/2000

PATENT REEL: 011225 FRAME: 0201