

mas 7-28-99

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OMB 0651-0027

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U.S. Department of Commerce  
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PATENT

3817 U.S. PTO  
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08/03/1999 BTM/MS 00000064 09362471

44 FC:581 40.00 EP

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#### FOR OFFICE USE ONLY

LAW OFFICES  
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(215) 875-8363  
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Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

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Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
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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: #

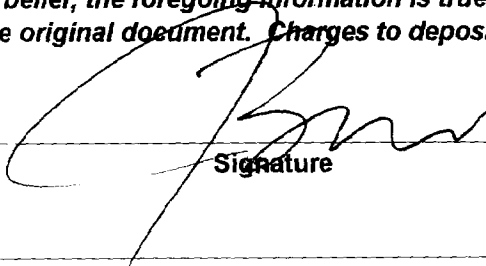
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**Statement and Signature**

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.

J. Bruce Schelkopf

Name of Person Signing



Signature

7/28/99

Date

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PHILADELPHIA, PA 19102  
(215) 875-8383  
FACSIMILE (215) 875-8394

**ASSIGNMENT**

IN CONSIDERATION of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, J. Reece Roth, residing at 12359 N. Fox Den Drive, Knoxville, TN 37922-3755, respectively, intending to be legally bound;

HEREBY SELL, assign and transfer to The University of Tennessee Research Corporation, an organization of Tennessee, having a place of business at 1534 White Avenue, Suite 403, Knoxville, Tennessee 37996-1527 its successors, assigns and legal representatives, the entire right, title and interest for the United States in and to any and all improvements which are disclosed in an application for United States Letters Patent which is designated in International Application No. PCT/US99/00480, filed January 8, 1999, and which is entitled

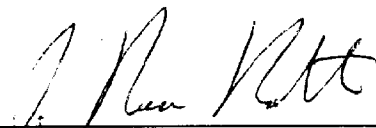
**REMOTE EXPOSURE USING A SELF-PROPELLED ONE  
ATMOSPHERE UNIFORM GLOW DISCHARGE PLASMA**

and in and to said application and all divisional, continuation, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

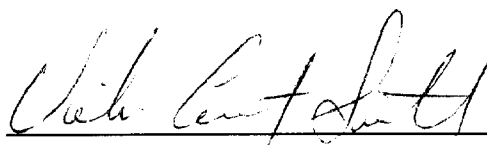
AGREE THAT said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuation, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, Assignments, Powers of Attorney and other papers, communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns and legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives;

COVENANT WITH said Assignee, its successors, assigns and legal representatives that no Assignment, grant, mortgage, license or other Agreement affecting the rights and property herein conveyed have been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; and,

AUTHORIZE MY attorneys, Gerard J. Weiser, Esq., Reg. No. 19,763, J. Bruce Schelkopf, Esq., Reg. No. 43,901 and Cheryl R. Filgin, Esq., Reg. No. 39,562 of the Firm of Weiser & Associates, P.C. or any of them, to enter in the blank spaces provided for that purpose below the Serial Number and filing date of the United States Patent Application to which this document applies, when that information becomes known.

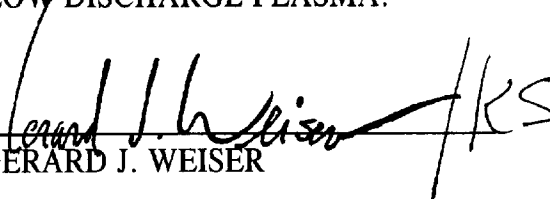
  
\_\_\_\_\_  
J. Reece Roth

Before me this 18th day of February, 1999 personally appeared the above-named, to me personally known to be the person of that name who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

  
\_\_\_\_\_  
Witness

Vicki Courtney Smith 2/18/99  
(Print or type name)

The foregoing Assignment applies to U.S. Patent Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_ and entitled REMOTE EXPOSURE USING A SELF-PROPELLED ONE ATMOSPHERE UNIFORM GLOW DISCHARGE PLASMA.

  
\_\_\_\_\_  
GERARD J. WEISER