


Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Charles L. Gray, Jr.		2. Name and address of receiving party(ies) Name: United States Environmental Protection Agency Internal Address: Mail Code 2377A Street Address: 1200 Pennsylvania Avenue NW City: Washington State: DC Zip: 20460			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 10/214,229 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Alan M. Ehrlich, Patent Counsel Internal Address: Mail Code 2377A Street Address: 1200 Pennsylvania Avenue NW City: Washington State: DC Zip: 20460		6. Total number of applications and patents involved: 01 7. Total fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 05-1128			
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9. Signature. Alan M. Ehrlich, Patent Counsel Name of Person Signing		 Signature		07-30-03 Date	
Total number of pages including cover sheet, attachments, and documents: 03					

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

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PATENT  
REEL: 013841 FRAME: 0743

### ASSIGNMENT

WHEREAS, I, Charles L. Gray, Jr., residing at Pinckney, Michigan, being an employee of the United States of America (hereinafter referred to as the Government), U.S. Environmental Protection Agency, have invented a new and useful improvement in a Controlled Temperature Combustion Engine, EPA Case No. 655-02 for which I filed an application in the United States Patent and Trademark Office for Letters Patent of the United States of America on August 8, 2002, Serial No. 10/214,229;

WHEREAS, the conditions under which the Invention was made, namely (i) that the Invention is directly related to the duties of my Government employment which I had at the time I made the Invention, or (ii) Government funds and facilities were used to make the Invention, are such as to entitle the Government, pursuant to the provisions of Executive Order 10096, January 28, 1950, as amended by Executive Order 10930, March 24, 1961, and applicable regulations, including 37 CFR Part 501, to the entire right, title and interest in and to the Invention, including foreign rights; and

WHEREAS, the Government, as represented by the Administrator of the U.S. Environmental Protection Agency, is desirous of acquiring the entire right, title and interest in said Invention, throughout the world, and all of my interests in said Application Serial No. 10/214,229, and in any and all Letters Patent of the United States that may issue thereon;

NOW THEREFORE, in consideration of these premises, including my employment by the said Government, I, Charles L. Gray, Jr., do hereby sell, assign, and transfer unto The Government of the United States of America, as represented by the Administrator of the U.S. Environmental Protection Agency, my entire right, title, and interest throughout the world in and to said Application Serial No. 10/214,229 and in and to the Invention as described and/or claimed in said Application, and in and to any Letters Patent that may issue on said Application or on any application that is a continuation, continuation-in-part, division, reissue, substitution, or extension thereof.

I, Charles L. Gray, Jr., do hereby agree that the Government will, upon its request, be provided promptly with all pertinent facts and documents relating to said Application, said Invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me, that I will testify as to the same in any interference or litigation related thereto, and that I will promptly execute and deliver to the Government or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said Application, said Invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purpose thereof, provided, that all proper expenses arising through extending such assistance will be paid by the Government if I am not employed by the Government at the time the assistance is extended.

I, Charles L. Gray, Jr., hereby warrant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Executed this 11<sup>th</sup> day of July 2003.

Signature: Charles L. Gray, Jr.  
Inventor—Charles L. Gray, Jr.

County of Washtenaw

Before me personally appeared said Charles L. Gray, Jr. and acknowledged the foregoing instrument to be his free act and deed this 11<sup>th</sup> day of July 2003.

Hesterende Venet  
(NOTARY PUBLIC)  
Notary Public, Washtenaw CO., MI  
My commission expires June 14, 2006