

Form PTO-1595 (Rev. 07/05)  
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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

*Administrator of the U.S.  
Environmental Protection Agency*

**1. Name of conveying party(ies)**  
David James Haugen  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: The United States of America, as represented by the  
Internal Address: U.S. Environmental Protection Agency,  
Office of General Counsel, Mail Code 2377A  
  
Street Address: 1200 Pennsylvania Ave., N.W.  
  
City: Washington  
State: D.C.  
Country: US Zip: 20460  
  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) November 2, 2006  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
11/174,391  
  
B. Patent No.(s)  
  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: David Read  
Internal Address: USEPA, NVFEL  
  
Street Address: 2565 Plymouth Rd.  
  
City: Ann Arbor  
State: MI Zip: 48105  
Phone Number: 734-214-4367  
Fax Number: 734-214-4573  
Email Address: read.david@epa.gov

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 051128  
Authorized User Name David Read

**9. Signature:** David Read Signature November 13, 2006 Date

David Read, Reg. No. 47,888 Total number of pages including cover sheet, attachments, and documents: 3  
Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Service, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, I, David J. Haugen, residing at Ann Arbor, Michigan, United States, being an employee of the United States of America (hereinafter referred to as the Government), U.S. Environmental Protection Agency, have invented new and useful improvements entitled Multi-Stage Turbocharging System with Efficient Bypass, EPA Case No. 697-04 (hereafter referred to as the Invention) for which an application was filed in the United States Patent and Trademark Office for Letters Patent of the United States of America on July 1, 2005, Serial No. 11/174,391.

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, and (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 EPA Case No. 697-04, Application Serial No. 11/174,391, 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, David J. Haugen, do hereby sell, assign, and transfer unto 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. 11/174,391 (EPA Case No. 697-04) 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, division, reissue, substitution, or extension thereof.

I, David J. Haugen, 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.

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I, David J. Haugen, 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 02 day of November, 2006.

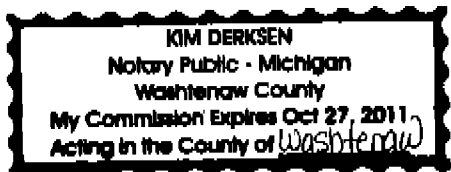
Signature:

David James Haugen

David James Haugen

County of Washtenaw

Before me personally appeared said David J. Haugen and acknowledged the foregoing instrument to be his free act and deed this 2 day of November 2006.



Kim Derksen  
(NOTARY PUBLIC)