

06-19-2002

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FORM PTO-1595
1-31-92



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U.S. DEPARTMENT OF COMMERCE
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): ALL INDIVIDUALS
 Gordon James Johnston Bartley
 8823 Silent Stream
 San Antonio, Texas 78250
 6-10-02
 Citizenship: United Kingdom

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and Address of receiving Party(ies):
 Name: Southwest Research Institute
 Internal Address: P. O. Drawer 28510
 San Antonio, Texas 78228-0510
 Street Address: 6220 Culebra Road
 City: San Antonio State: Texas Zip: 78238-5100

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 1st Inventor: 03/20/02; 2nd Inventor: 04/10/02

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)
 10/093,199
 B. Patent No.(s)

Additional Number(s) attached? Yes No

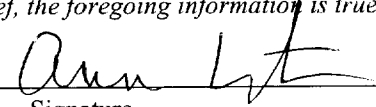
5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Ann C. Livingston
 Internal Address: Baker Botts L.L.P.
 Street Address: 1600 San Jacinto Center
 98 San Jacinto Blvd.
 City: Austin
 State: Texas Zip: 78701-4039

6. Total number of applications and patents involved: One

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
 No. 50-2148 of Baker Botts L.L.P.
 (Attach Duplicate Copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.
 Ann C. Livingston  6/10/02
 Name of Person Signing Signature Date
 Total number of pages including cover sheet 5

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information:

06/18/2002 670M1 00000121 10093199
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Commissioner of Patent and Trademarks
 Box Assignments
 Washington, D.C. 20231

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Section 1 - Name of conveying parties

Additional name(s) (Individual)

Christopher Alan Sharp

138 William Classen

San Antonio, Texas 78232

Citizenship: United States of America



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of
Gordon James Johnston Bartley, et al

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Serial No.:

Action: Assignment

Filed: March 7, 2002

Title: NOx Reduction System for Diesel Engines, Using Hydrogen Selective Catalytic Reduction

**TO: Commissioner of Patents
and Trademarks
Washington, D. C. 20231**

WHEREAS, we, Gordon James Johnston Bartley, a citizen of the United Kingdom, residing at 8823 Silent Stream, San Antonio, Bexar County, Texas, and Christopher Alan Sharp, a citizen of the United States, residing at 138 William Classen, San Antonio, Bexar County, Texas, are joint inventors of new and useful improvements in **NOx Reduction System for Diesel Engines, Using Hydrogen Selective Catalytic Reduction** for which we have executed an application for Letters Patent which was filed on March 7, 2002; and WHEREAS, we represent that we are joint owners of said invention and application for Letters Patent; and,

WHEREAS, SOUTHWEST RESEARCH INSTITUTE, hereinafter called "ASSIGNEE," a Texas Corporation having its principal office at 6220 Culebra Road, San Antonio, Bexar County, Texas, is desirous of acquiring our right, title, and interest in and to the said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the invention therein contained;

NOW, THEREFORE, for and in consideration of the sum of Sixty-Five Dollars (\$65.00) lawful money of the United States, and other valuable consideration, to us in hand paid, the receipt and sufficiency whereof we hereby acknowledge, we, the said Gordon James Johnston Bartley and Christopher Alan Sharp have sold, assigned and transferred, and do hereby sell, assign and transfer unto the said ASSIGNEE, its successors and assigns, our entire right, title and interest in and to (a) said invention and worldwide rights therein, including the right to claim the priority date of said application and all other rights arising under the International Convention for the Protection of

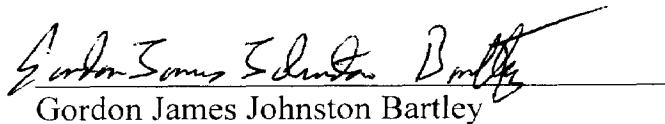
Industrial Property; (b) said application, including all divisions, continuations, continuations-in-part and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals, divisions and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this Assignment and sale not been made.

We request that any and all such Letters Patent for said invention be issued to ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

We covenant and agree that we and our executors or administrators will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and to perform all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful and public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this Assignment.

ASSIGNORS further covenant with ASSIGNEE that the rights and property herein conveyed are free and clear of any encumbrances, and that ASSIGNORS have the full right to convey the same as herein expressed.

IN TESTIMONY WHEREOF, we have fully executed this Assignment this 10th day of April, 2002.


Gordon James Johnston Bartley


Christopher Alan Sharp

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared Gordon James Johnston Bartley known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 20th day of March, 2002.

Shirley E. McDonald
Notary Public, State of Texas



STATE OF TEXAS §
 §
COUNTY OF BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared Christopher Alan Sharp known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 10th day of April, 2002.

Shirley E. McDonald
Notary Public, State of Texas

