

01-07-2003

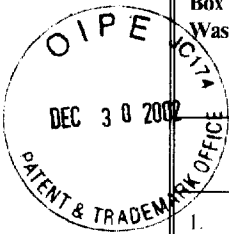
Director of the U.S. Patent and Trademark Office
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 110842



To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

<p>1. A. Name of conveying party(ies):</p> <p>1) Cynthia Chaffin WEBB 2) Phillip Anthony WEBER 3) Magdi K. KHAIR</p> <p>B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. A. Name and address of receiving party(ies):</p> <p style="text-align: center; font-size: 1.5em;">12-30-02</p> <p>SOUTHWEST RESEARCH INSTITUTE 6220 CULEBRA ROAD SAN ANTONIO, TEXAS 78228-0510</p>
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<p>3. A. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>B. Execution Date: <u>October 30, 2002</u></p>	<p>B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. A. If this document is being filed together with a new application, the execution date of the application is: _____	
B. Patent Application No.(s) <u>10/268,896</u>	C. Patent No.(s) _____
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>James A. Oliff</u></p> <p>Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. A. Total fee (37 CFR 3.41).....\$ <u>40.00</u> B. Enclosed (Check No. <u>137372</u>)</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.</p>
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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.

James A. Oliff Registration No. 27,075
George P. Simion Registration No. 47,089

Date: December 30, 2002

Total number of pages including cover sheet, attachments, and document: 4

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of
Cynthia Chaffin Webb, et al

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Serial No.: 10/268,896

Action: Assignment

Filed: October 11, 2002

Title: **Systems and Methods for Controlling Diesel Engine Emissions**

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

WHEREAS, we, Cynthia Chaffin Webb, a citizen of the United States, residing at 5223 Timberhurst, San Antonio, Bexar County, Texas; Phillip Anthony Weber, a citizen of the United States, residing at 130 Talavera Pkwy #1632L, San Antonio, Bexar County, Texas; and Magdi K. Khair, a citizen of the United States, residing at 21 Ancient Bend, San Antonio, Bexar County, Texas, are joint inventors of new and useful improvements in **Systems and Methods for Controlling Diesel Engine Emissions** for which we have executed an application for Letters Patent which was filed on October 11, 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 Cynthia Chaffin Webb, Phillip Anthony Weber and Magdi K. Khair, hereinafter called "ASSIGNORS" 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

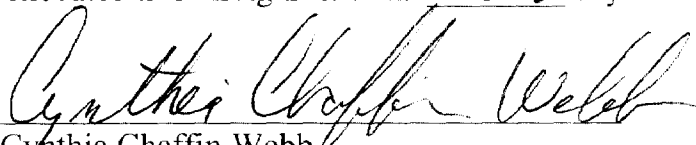
International Convention for the Protection of Industrial Property; (b) said application, including all divisions, continuations, continuations-in-part and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals, divisions 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.

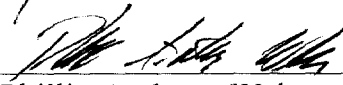
We request that any and all such Letters Patent for said invention be issued to ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

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 30th day of October, 2002.


Cynthia Chaffin Webb


Phillip Anthony Weber


Magdi K. Khair

