Form PTO-1595 (Rev. 07/05)

11-16-2005

U.S. DEPARTMENT OF COMMERCE

nited States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/20 **REC** File No. DKE9783 103120296 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Michael B. McDermott, Michael W. McGaha, and Albert D. Smith Name: Internal Address: Duke Manufacturing Co. Additional name(s) of conveying party(ies) attached?∭Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 2305 N. Broadway November 2, 2, 2, 2005 Execution Date(s) Merger ✓ Assignment City: St. Louis J Security Agreement Change of Name Joint Research Agreement State: Missouri Government Interest Assignment Zip:63102 Country: United States Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? ☐ Yes ✓ No Other This document is being filed together with a new application. 4. Application or patent number(s): A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes Vo 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Andrew N. Claerbout, Reg. No. 50,202 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Senniger Powers Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed Street Address: One Metropolitan Square None required (government interest not affecting title) 8. Payment Information City: St. Louis a. Credit Card Last 4 Numbers _ Zip: 63102 State: Missouri Expiration Date Phone Number: 314-231-5400 b. Deposit Account Number 19-1345 Fax Number: 314-231-4342 Authorized User Name Senniger, Powers, Leavitt Email Address: uspatents@senniger.com 9. Signature:

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

Andrew N. Claerbout

Name of Person Signing

11/15/2005 ECOOPER 00000131 29242240 01 FC:8021

PATENT REEL: 017217 FRAME: 0361

Total number of pages including cover

sheet, attachments, and documents:

ASSIGNMENT

WHEREAS, We Michael B. McDermott of Sedalia, Missouri, Michael W. McGaha of Sedalia, Missouri, and Albert D. Smith of Sedalia, Missouri have invented an improvement in BREATH GUARD (File DKE 9783) and have executed an application for a United States patent based thereon simultaneously herewith;

AND, WHEREAS, Duke Manufacturing Co. of St. Louis,
Missouri, a corporation of the State of Missouri (hereinafter
referred to as "ASSIGNEE") is desirous of acquiring certain
rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, nonprovisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

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TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND We hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

Michael

STATE OF MISSOURI COUNTY OF PE77:5

On this <u>Swo</u> day of October, 2005, before me, a Notary Public, personally appeared Michael B. McDermott to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

My Commission Expires:

JANICE F. SIRON Notary Public - Notary Seal STATE OF MISSOURI **Pettis County**

My Commission Spokes: Oct. 14, 2007

Michael W. McGaha

STATE OF M_{155049} ;)
COUNTY OF PE77's)

On this day of October, 2005, before me, a Notary Public, personally appeared Michael W. McGaha to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Nótary Public

My Commission Expires:

JANICE F. SIRON
Notary Public - Notary Seal
STATE OF MISSOURI
Pettis County

My Commission Expires: Oct. 14, 2007

//-2-05 Date Albert lo. Smith

STATE OF Missour)

COUNTY OF Pe77is)

On this are day of October, 2005, before me, a Notary Public, personally appeared Albert D. Smith to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

My Commission Expires:

JANICE F. SIRON Notary Public - Notary Seal STATE OF MISSOURI Pertis County

My Commission Expires: Oct. 14, 2007

RECORDED: 11/08/2005

ANC/jmd

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