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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

5/9/05 RE 103003154
PATENTS ONLY

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

1. Name of conveying party(ies)

John Charles Porter Frank Thomas Poggio
Kevin Earl Scheifele
Gilberto Cavada
Jean Ellen Kiple

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

2. Name and address of receiving party(ies)

Name: The Hoover Company

Internal Address: _____

Street Address: 101 East Maple Street

City: North Canton

State: Ohio

Country: United States Zip: 44720

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 4-27-04; 5-4-05; 5-6-05

- 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)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: A. Burgess Lowe

Internal Address: Patent Department

The Hoover Company

Street Address: 101 East Maple Street

City: North Canton

State: Ohio Zip: 44720

Phone Number: (330) 499-9200

Fax Number: (330) 497-5004

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- 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 50-1120

Authorized User Name A. Burgess Lowe

9. Signature: Michael J. Corrigan
Signature

May 9, 2005
Date

Michael J. Corrigan
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

112941 U.S. PTO
29/229497



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05/13/2005 870M11 00000192 501120 29229497

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PATENT
REEL: 016554 FRAME: 0716

ASSIGNMENT OF INVENTION

WHEREAS, We, John Charles Porter, 12235 Easton, N.E., Alliance, OH 4601; Kevin Earl Scheifele, 283 Westberry Circle, Tallmadge, OH 44278; Gilberto Cavada, Jr., 10312 Dickens Avenue, Melrose Park, IL 60164; Jean Ellen Kiple, 146 White Pine Lane, Lake Villa, IL 60064; Frank Thomas Poggio, 4070 Chesapeake Court, Hoffman Estates, IL 60195 invented certain new and useful improvements in the invention entitled:

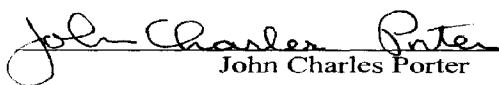
SUCTION NOZZLE

WHEREAS, THE HOOVER COMPANY, a corporation organized and existing under the laws of the State of Delaware, and doing business in North Canton, Ohio, is desirous of acquiring the entire right, title and interest in said invention and in and to the Letters Patent to be obtained therefore:

NOW THEREFORE, to all whom it may concern, be it known, that for and in the consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged by each of us, and the obligations imposed by or arising under one or more of our employment agreement(s), advisor agreement(s), state or national statutes, common law, and administrative regulation, and other valuable considerations, we, the said John Charles Porter, Kevin Earl Scheifele, Gilberto Cavada, Jean Ellen Kiple and Frank Thomas Poggio

- have sold, assigned and transferred, and do hereby sell, assign and transfer unto THE HOOVER COMPANY, its successors and assigns, the whole right, title and interest in and to the said invention, and to the above-described application for Letters Patent of the United States and any other foreign, regional or national patent office, as well as any substituted, continuation, continuation-in-part, or divisional application filed thereon and to any Letters Patent of the United States or any other foreign, regional or national patent office that issues from such application(s) as well as any reissue applications or request for reexamination filed on such Letters Patent(s); and we do hereby authorize and request the respective Commissioner of Patents to issue the said Letters Patent to THE HOOVER COMPANY, as assignee of our entire right, title and interest, for the sole use and behoof of THE HOOVER COMPANY, its successors and assigns;
- covenant and agree for ourselves and our legal representative(s) to
 - a) assist said assignee and/or its designee(s), to the extent requested, in the prosecution of said application for patent, in any interference declared on said application for patent or patent issuing therefrom, or in litigation which arises out of or is based on said application for patent or patent issuing therefrom, and
 - b) execute all papers related to said application for patent which said assignee or its designee(s) request to be signed, provided that expenses relating thereto shall be borne by said assignee.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal, this 6th day of May, 2005.


John Charles Porter

STATE OF OHIO)
)SS:
COUNTY OF STARK)

Personally appeared before me, a Notary Public in and for the County and State aforesaid, John Charles Porter, personally know to me and known to be the person whose name is signed to the above instrument, and acknowledged the above instrument as his free act and deed, this 6th day of May, 2005.


NOTARY PUBLIC

PAMELA S. GRAPES
NOTARY PUBLIC
STATE OF OHIO
MY COMMISSION EXPIRES 8-14-08

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal, this 4 day
of MAY, 2005.

Kevin Earl Scheifele
Kevin Earl Scheifele

STATE OF OHIO)
)SS:
COUNTY OF STARK)

Personally appeared before me, a Notary Public in and for the County and State aforesaid, Kevin Earl Scheifele, personally know to me and known to be the person whose name is signed to the above instrument, and acknowledged the above instrument as his free act and deed, this 4th day of May, 2005.

Pamela S. Grapes
NOTARY PUBLIC
PAMELA S. GRAPES
NOTARY PUBLIC
STATE OF OHIO
MY COMMISSION EXPIRES 8-14-08

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal, this 27th day
of April, 2005.

Gilberto Cavada
Gilberto Cavada

STATE OF ILLINOIS)
)SS:
COUNTY OF Lake)

Personally appeared before me, a Notary Public in and for the County and State aforesaid, Gilberto Cavada, personally know to me and known to be the person whose name is signed to the above instrument, and acknowledged the above instrument as his free act and deed, this 27th day of April, 2005.



Kathleen Miller
NOTARY PUBLIC

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal, this 27th day
of April, 2005.

Jean Ellen Kiple
Jean Ellen Kiple

STATE OF ILLINOIS)
)SS:
COUNTY OF Lake)

Personally appeared before me, a Notary Public in and for the County and State aforesaid, Jean Ellen Kiple, personally know to me and known to be the person whose name is signed to the above instrument, and acknowledged the above instrument as his free act and deed, this 27th day of April, 2005.



Kathleen Miller
NOTARY PUBLIC

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal, this 26th day of April, 2005.

Frank Thomas Poggio
Frank Thomas Poggio

STATE OF ILLINOIS)
COUNTY OF Lake)SS:

Personally appeared before me, a Notary Public in and for the County and State aforesaid, Frank Thomas Poggio, personally know to me and known to be the person whose name is signed to the above instrument, and acknowledged the above instrument as his free act and deed, this 26th day of April 2005.



Kathleen Miller
NOTARY PUBLIC