

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 8/30/2008)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.

1. Name of conveying party(ies): Steven F. Spiers (08/18/2007), G. R. Scott (07/05/2007), and Travis M. Garthaffner (07/18/2007) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Philip Morris USA Inc.</u> Internal Address: _____ Street Address: <u>6601 West Broad Street</u> City: <u>Richmond</u> State: <u>Virginia</u> Country: <u>United States of America</u> Zip: <u>23230</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/805,699</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Richard M. Beck</u> <u>CONNOLLY BOVE LODGE & HUTZ LLP</u> Internal Address: <u>Atty. Dkt.: 04981-00613-US</u> Street Address: <u>1007 North Orange Street</u> <u>P.O. Box 2207</u> City: <u>Wilmington</u> State: <u>DE</u> Zip: <u>19899</u> Phone Number: <u>(302) 658-9141</u> Fax Number: <u>(302) 658-5614</u> Email Address: <u>rbeck@cblh.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>03-2775</u> Authorized User Name <u>Richard M. Beck</u>
9. Signature: <div style="text-align: center; margin-top: 20px;"> Signature </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>Richard M. Beck - 22,580</u> Name of Person Signing </div> <div> <u>August 24, 2007</u> Date </div> </div> <div style="display: flex; justify-content: flex-end; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents: 6 </div>	

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.

Dated: August 24, 2007 Signature: Amy L. Hamm (Amy L. Hamm)

CH \$40.00 032775 11805699

ASSIGNMENT

THIS ASSIGNMENT, by Steven F. Splers, G. Robert Scott and Travis Garthaffner (hereinafter referred to as "the Assignors"), residing at 10348 Ashburn Road, Richmond, VA 23235; 13381 Drakewood Road, Midlothian, VA 23113; and 5200 Newbyswood Trail, Chesterfield, VA 23832, respectively, witnesseth:

WHEREAS the Assignors have made certain new and useful inventions in "**Double Action Filter Assembly Wheel with Flipping Wheel**" set forth in application for Letters Patent of the United States of America, Application Serial No. 11/805,699, filed on May 24, 2007; and

WHEREAS, PHILIP MORRIS USA INC., a corporation duly organized under and pursuant to the laws of the State of Virginia and having an office and place of business at 6601 West Broad Street, Richmond, VA 23230, is desirous of acquiring the entire right, title, and interest in and to the inventions for the United States and the application for Letters Patent of the United States, and in any United States Letters Patent or Patents, to be obtained therefore and thereon; and

WHEREAS, PHILIP MORRIS PRODUCTS S.A., a corporation organized and existing under the laws of the Switzerland and having an office and place of business at Quai Jearnrenaud 3, CH-2000, Neuchatel, Switzerland, is desirous of acquiring the entire right, title, and interest in and to the inventions for countries foreign to the United States, and in and to any foreign patent applications, and in and to any foreign Letters Patent or Patents to be obtained therefore and thereon; and

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged.

**ASSIGNMENT OF
UNITED STATES PATENT RIGHTS**

We do hereby sell, assign and transfer unto PHILIP MORRIS USA INC., its successors, assigns and legal representatives, all right, title and interest in and to the inventions for the United

States, and in and to the United States patent application, including any continuations and divisions thereof, and any substitute applications therefore and any United States patents which may issue thereon and any reissues and extensions of the same; and we hereby authorize and request the Commissioner of Patents to grant and issue any and all patents on the inventions in the United States to PHILIP MORRIS USA INC. as the assignee thereof.

**ASSIGNMENT OF
FOREIGN PATENT RIGHTS**

Further in view of the consideration hereinabove referred to we do hereby sell, assign, and transfer unto PHILIP MORRIS PRODUCTS S.A., its successors, assigns and legal representatives, all right, title and interest in and to the inventions for all countries foreign to the United States, including the right to claim priority under the International Convention based on the United States patent application, and in and to any foreign patent application, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefore, and any foreign patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on the inventions in any foreign country to PHILIP MORRIS PRODUCTS S.A. as the assignee thereof.

We further agree to execute upon request of the assignee PHILIP MORRIS USA INC. such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in the United States, and to execute upon request of assignee PHILIP MORRIS PRODUCTS S.A. such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in countries foreign to the United States, and to otherwise give full effect to and perfect the rights of the assignee PHILIP MORRIS USA INC. in the United States and of assignee PHILIP MORRIS PRODUCTS S.A. in countries foreign to the United States.

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that, at the time of execution and

delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and any and all applications for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that the Assignors will, whenever counsel of the assignees, or counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with the inventions or any and all applications for Letters Patent, or any proceeding in connection with Letters Patent for the inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for the inventions, without charge to the assignees, their successors, legal representatives, and assigns, but at the cost and expense of the assignees, their successors, legal representatives, and assigns.

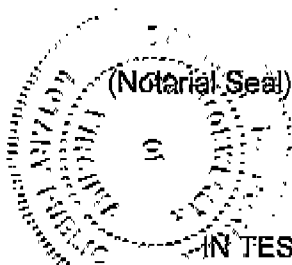
IN TESTIMONY THEREOF, I have hereunto signed my name at the date hereinafter indicated.

Steven F. Spiers
Steven F. Spiers

8/18/07
Date

STATE OF VIRGINIA)
) : SS.:
CITY/COUNTY OF RICHMOND)

On this 18 day of August, 2007, appeared before me in person the above-named individual, and acknowledged the above to be his/her signature and that he/she signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.



Donald B. Duckham
NOTARY PUBLIC
My Commission Expires: Nov. 30, 2007
#337303

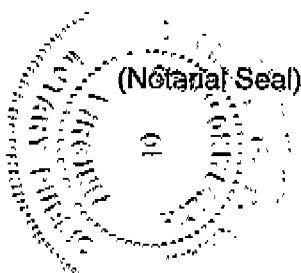
IN TESTIMONY THEREOF, I have hereunto signed my name at the date hereinafter indicated.

G. Robert Scott
G. Robert Scott

7/5/06
Date

STATE OF VIRGINIA)
) : SS.:
CITY/COUNTY OF RICHMOND)

On this 5 day of July, 2007, appeared before me in person the above-named individual, and acknowledged the above to be his/her signature and that he/she signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.



Donald B. Duckham
NOTARY PUBLIC
My Commission Expires: Nov. 30, 2007
#337303

IN TESTIMONY THEREOF, I have hereunto signed my name at the date hereinafter indicated.


Travis Garthaffner

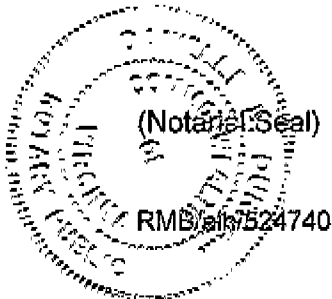
9-18-07
Date


STATE OF VIRGINIA

CITY/COUNTY OF RICHMOND

)
) SS.:
)

On this 18 day of July, 2007, appeared before me in person the above-named individual, and acknowledged the above to be his/her signature and that he/she signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.




NOTARY PUBLIC
My Commission Expires: Dec. 30, 2007
#337303