

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Steven F. Spiers		08/15/2008
RECEIVING PARTY DATA		
Name:	Philip Morris USA Inc.	
Street Address:	6601 West Broad Street	
City:	Richmond	
State/Country:	VIRGINIA	
Postal Code:	23230	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12173941	
CORRESPONDENCE DATA		
Fax Number:	(302)658-5614	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	3026589141	
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Correspondent Name:	Richard M. Beck	
Address Line 1:	1007 North Orange Street	
Address Line 2:	P.O. Box 2207	
Address Line 4:	Wilmington, DELAWARE 19899	
ATTORNEY DOCKET NUMBER:	04981-00639-US	
NAME OF SUBMITTER:	Richard M. Beck	
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif		

OP \$40.00 12173941

**PATENT**

**500636051**

**REEL: 021468 FRAME: 0991**

## ASSIGNMENT

**THIS ASSIGNMENT**, by Steven F. Spiers (hereinafter referred to as "the Assignor"), residing at 10348 Ashburn Road, Richmond, VA 23235 witnesseth:

WHEREAS the Assignor has made certain new and useful inventions in a "**Vertical Filter Filling Machine and Process**" set forth in application for Letters Patent of the United States of America, Application Serial No. 12/173,941, filed on July 16, 2008; 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**

I do hereby sell, assign and transfer unto PHILIP MORRIS INCORPORATED, 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 I 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 INCORPORATED as the assignee thereof.

**ASSIGNMENT OF  
FOREIGN PATENT RIGHTS**

Further in view of the consideration hereinabove referred to I 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 applications, 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 I 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.

I further agree to execute upon request of the assignee PHILIP MORRIS INCORPORATED 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 INCORPORATED 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 Assignor hereby covenants and agrees to and with the assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner 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 Assignor has 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 Assignor hereby covenants and agrees to and with the assignees, their successors, legal representatives, and assigns, that the Assignor 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.

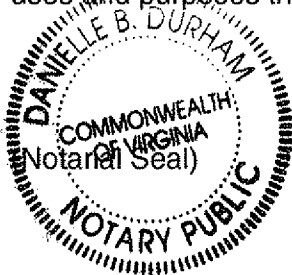
IN TESTIMONY THEREOF, I have hereunto signed my name at the date hereinafter indicated.

Steven F. Spiers  
Steven F. Spiers

8/15/08  
Date

STATE OF Virginia )  
CITY/COUNTY OF Richmond ) SS.:

On this 15 day of August, 2008, 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.



625552

Danielle B. Durham  
NOTARY PUBLIC  
My Commission Expires: Nov. 30, 2012  
#337303