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03-24-2000

FORM PTO-1595  
(Rev. 6/93)

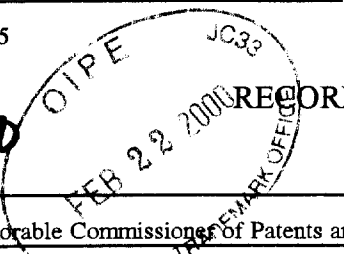
DEPARTMENT OF COMMERCE  
Patent and Trademark Office



101295814

Attorney's Docket No. PM 1812B

2/22/00



To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Richard E. Bowman, Jr., Steven M. Campbell, Ricky N. Cooper, Robert C. Kucera, Jr., Steven R. Rinehart and Richard N. Webb  
Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
Other: \_\_\_\_\_

Execution Date: 8/13/98; 8/13/98; 8/19/98;  
8/11/98; 8/12/98; 8/21/98, respectively

2. Name and address of receiving party(ies):  
Name: PHILIP MORRIS INCORPORATED  
Address: 120 Park Avenue  
New York, New York 10017

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

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
09/056,347  
**09/056,347**

Additional numbers attached?  Yes  No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Charles E. B. Glenn  
Address: PHILIP MORRIS MANAGEMENT CORP.  
P.O. Box 26603  
Richmond, VA 23261-6603

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account, if necessary

8. Deposit account number:  
16-1530

DO NOT USE THIS SPACE

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.*

Charles E. B. Glenn Charles E. B. Glenn Feb 16 2000  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

03/24/2000 DNGUYEN 00000072 161530 09056347  
01 FC:581 40.00 CH

PATENT  
REEL: 010623 FRAME: 0017

ASSIGNMENT

THIS ASSIGNMENT, by:

(1) Richard E. Bowman, Jr., residing at 7945 Quinton Drive, Quinton Virginia 23141;

(2) Steven M. Campbell, residing at 5408 Winding Brook Road, Richmond, Virginia 23237;

(3) Ricky N. Cooper, having a residence at 4942 Tulip Oak Road, Chesterfield, Virginia 23832;

(4) Robert C. Kucera, Jr., residing at 493 Cherry Hill Drive, Aylett, Virginia 23009;

(5) Steven R. Rinehart, residing at 13920 Brandy Oaks Place, Chesterfield, Virginia 23832; and

(6) Richard N. Webb, residing at 9917 Chancellor Place, Richmond, Virginia 23235;

(hereinafter referred to as "the Assignors"), witnesseth:

WHEREAS, the Assignors have made certain new and useful inventions in "CARTONER WITH INK JET CODER" set forth in an application for Letters Patent of the United States of America, Serial No. 09/056,347 filed April 7, 1998; and

WHEREAS, PHILIP MORRIS INCORPORATED, a corporation duly organized under and pursuant to the laws of the Commonwealth of Virginia and having an office and place of business at 120 Park Avenue, New York, New York 10017, 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 therefor and thereon; and

WHEREAS, PHILIP MORRIS PRODUCTS INC., a corporation organized and existing under the laws of the Commonwealth of Virginia and having an office and place of business at 3601 Commerce Road, Richmond, Virginia 23234, 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 therefor 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;

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**ASSIGNMENT OF  
UNITED STATES PATENT RIGHTS**

We 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 therefor 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 INCORPORATED 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 INC., 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 therefor, 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 INC. as the assignee thereof.

We 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 INC. 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 INC. 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, we have hereunto signed our names on the dates hereinafter indicated:

Richard E. Bowman, Jr.  
Richard E. Bowman, Jr.

8-13-98  
Date

STATE OF VIRGINIA  
CITY/COUNTY OF

Richmond )

On this 13<sup>th</sup> day of August, 1998, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Francis E. Paige

NOTARY PUBLIC  
(Notarial Seal)

My Commission Expires: 2/28/2001

Steven M. Campbell      8/13/98  
Steven M. Campbell      Date

STATE OF VIRGINIA )  
CITY/COUNTY OF Richmond )

On this 13<sup>th</sup> day of August, 1998, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Francine E. Paige  
NOTARY PUBLIC      My Commission Expires: 2/28/2001  
(Notarial Seal)

Ricky N. Cooper      Aug. 19, 1998  
Ricky N. Cooper      Date

STATE OF NORTH CAROLINA )  
CITY/COUNTY OF Rowan )

On this 19 day of August, 1998, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Cynthia D. Young  
NOTARY PUBLIC      My Commission Expires: 2002  
(Notarial Seal)

Robert C. Kucera, Jr.      8/11/98  
Robert C. Kucera, Jr.      Date

STATE OF VIRGINIA )  
CITY/COUNTY OF Richmond )

On this 14<sup>th</sup> day of August, 1998, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Francine E. Paige  
NOTARY PUBLIC      My Commission Expires: 2/28/2001  
(Notarial Seal)

Steven R. Rinehart      8/12/98  
Steven R. Rinehart      Date

STATE OF VIRGINIA )  
CITY/COUNTY OF Richmond )

On this 12<sup>th</sup> day of August, 1998, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Francine E. Paige

NOTARY PUBLIC  
(Notarial Seal)

My Commission Expires: 2/28/2001

Richard N. Webb  
Richard N. Webb

21 August 1998  
Date

STATE OF VIRGINIA )  
CITY/COUNTY OF Richmond )

On this 21<sup>st</sup> day of August, 1998, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Francine E. Paige

NOTARY PUBLIC  
(Notarial Seal)

My Commission Expires: February 28, 2001