

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John Howard Robinson	11/09/2006
David William Griffith Jr.	11/09/2006
Billy Tyrone Conner	11/09/2006
Evon Llewellyn Crooks	11/09/2006
Dempsey Bailey Brewer Jr.	11/09/2006

RECEIVING PARTY DATA

Name:	R.J. Reynolds Tobacco Company
Street Address:	950 Reynolds Boulevard
Internal Address:	Post Office Box 1487
City:	Winston-Salem
State/Country:	NORTH CAROLINA
Postal Code:	27102

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11550634

CORRESPONDENCE DATA

Fax Number: (704)444-1111

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 919-862-2200

Email: michele.capozzi@alston.com

Correspondent Name: Christopher Humphrey

Address Line 1: 101 South Tryon Street, Suite 4000

Address Line 2: Bank of America Plaza

Address Line 4: Charlotte, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:

030627/316313

PATENT

500237096

REEL: 018992 FRAME: 0460

CH \$40.00 11550634

NAME OF SUBMITTER:

Christopher Humphrey

Total Attachments: 4

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

R. J. Reynolds Tobacco Company
Bowman Gray Technical Center
Post Office Box 1487
950 Reynolds Boulevard
Winston-Salem, North Carolina 27102

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in
"TOBACCO-CONTAINING SMOKING ARTICLE"

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Application No. 11/550,634; filed October 18, 2006
- ☐ Application claims priority from Application No. , filed , all applications listed above being hereinafter referred to as the "application(s)";

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

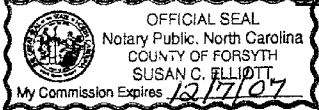
11/09/06
Date

John Howard Robinson
John Howard Robinson

State of North Carolina)
County of Forsyth)

I, Susan C. Elliott, a Notary Public for said County and State, do hereby certify that John Howard Robinson personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 9th day of November, 2006.

(Official Seal)  Susan C. Elliott
Notary Public

My commission expires: December 7, 2007

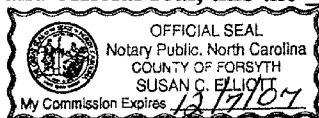
11/09/2006
Date

David William Griffith, Jr.
David William Griffith, Jr.

State of North Carolina)
County of Forsyth)

I, Susan C. Elliott, a Notary Public for said County and State, do hereby certify that David William Griffith, Jr. personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 9th day of November, 2006.

(Official Seal)  Susan C. Elliott
Notary Public

My commission expires: December 7, 2007

11/09/2006
Date

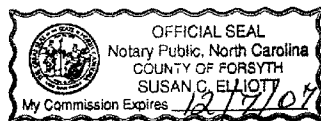
Billy Tyrone Conner
Billy Tyrone Conner

State of North Carolina)
County of Forsyth)

I, Susan C. Elliott, a Notary Public for said County and State, do hereby certify that Billy Tyrone Conner personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 9th day of November, 2006.

(Official Seal)



Susan C. Elliott
Notary Public

My commission expires: December 7, 2007

11/9/2006
Date

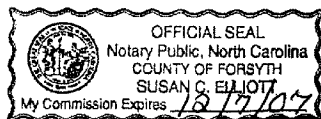
Evon Llewellyn Crooks
Evon Llewellyn Crooks

State of North Carolina)
County of Forsyth)

I, Susan C. Elliott, a Notary Public for said County and State, do hereby certify that Evon Llewellyn Crooks personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 9th day of November, 2006.

(Official Seal)



Susan C. Elliott
Notary Public

My commission expires: December 7, 2007

11/09/2006
Date

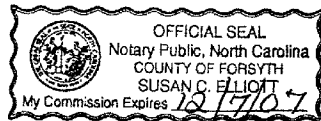
Dempsey Bailey Brewer, Jr.
Dempsey Bailey Brewer, Jr.

State of North Carolina)
County of Forsyth)

I, Susan C. Elliott, a Notary Public for said County and State, do hereby certify that Dempsey Bailey Brewer, Jr. personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 9th day of November, 2006.

(Official Seal)



Susan C. Elliott
Notary Public

My commission expires: December 7, 2007

Attorney Docket No. 030627/316313