

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Charles Jacob Novak, III</td> <td>09/16/2009</td> </tr> <tr> <td>Jerry Wayne Pipes</td> <td>09/16/2009</td> </tr> <tr> <td>Robert William Benford</td> <td>09/16/2009</td> </tr> <tr> <td>Timothy Frederick Thomas</td> <td>09/16/2009</td> </tr> </tbody> </table>		Name	Execution Date	Charles Jacob Novak, III	09/16/2009	Jerry Wayne Pipes	09/16/2009	Robert William Benford	09/16/2009	Timothy Frederick Thomas	09/16/2009
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Jerry Wayne Pipes	09/16/2009										
Robert William Benford	09/16/2009										
Timothy Frederick Thomas	09/16/2009										
<b>RECEIVING PARTY DATA</b>											
Name:	R.J. Reynolds Tobacco Company										
Street Address:	Bowman Gray Technical Center; Post Office Box 1487										
Internal Address:	950 Reynolds Boulevard										
City:	Winston-Salem										
State/Country:	NORTH CAROLINA										
Postal Code:	27102										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12549492</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12549492						
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Application Number:	12549492										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(919)862-2260										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	9198622287										
Email:	sheri.michals@alston.com										
Correspondent Name:	Kevin R. Lyn										
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:	030627/371696										
NAME OF SUBMITTER:	Kevin R. Lyn										

**CH \$40.00 12549492**

**500969535**

**PATENT  
 REEL: 023269 FRAME: 0346**

Total Attachments: 5

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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

**“FEEDER SYSTEM FOR ROD COMPONENTS OF TOBACCO PRODUCTS, AND ASSOCIATED METHOD”**

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- Application No. 12/549,492; filed August 28, 2009
- 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.

9/16/2009  
Date

Charles Jacob Novak, III  
Charles Jacob Novak, III

State of North Carolina )

County of Forsyth )

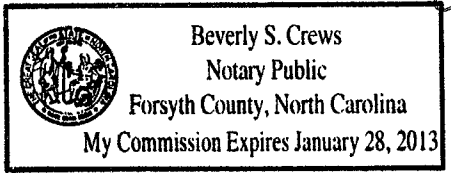
I, Beverly S. Crews, a Notary Public for said County and State, do hereby certify that Charles Jacob Novak, III personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16<sup>th</sup> day of September, 2009

(Official Seal)

Beverly S. Crews  
Notary Public

My commission expires January 28, 2013



9/16/2009  
Date

Jerry Wayne Pipes  
Jerry Wayne Pipes

State of North Carolina

County of Forsyth

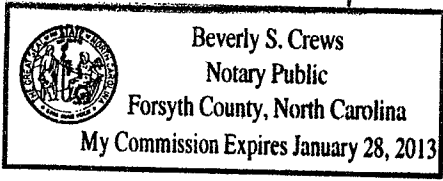
I, Beverly S. Crews, a Notary Public for said County and State, do hereby certify that Jerry Wayne Pipes personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16<sup>th</sup> day of September, 2009

(Official Seal)

Beverly S. Crews  
Notary Public

My commission expires January 28, 2013



9-16-2009  
Date

Robert William Benford  
Robert William Benford

State of North Carolina )  
County of Forsyth )

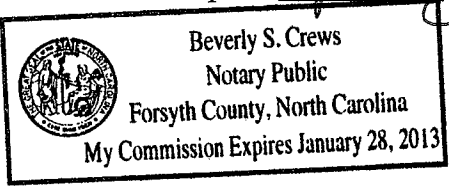
I, Beverly S. Crews, a Notary Public for said County and State, do hereby certify that Robert William Benford personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16<sup>th</sup> day of September, 2009

(Official Seal)

Beverly S. Crews  
Notary Public

My commission expires January 28, 2013



9/16/2009  
Date

[Signature]  
Timothy Frederick Thomas

State of North Carolina )  
County of Forsyth )

I, Beverly S. Crews, a Notary Public for said County and State, do hereby certify that Timothy Frederick Thomas personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16<sup>th</sup> day of September, 2009

(Official Seal)

[Signature]  
Notary Public

My commission expires January 28, 2013

