

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Second page of Assignment inadvertently replaced with second page of declaration previously recorded on Reel 023416 Frame 0446. Assignor(s) hereby confirms the Assignor: Andries D. Sebastian; Assignee: R. J. Reynolds Tobacco Company.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andries D. Sebastian</td> <td>08/18/2009</td> </tr> </tbody> </table>		Name	Execution Date	Andries D. Sebastian	08/18/2009						
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>R. J. Reynolds Tobacco Company</td> </tr> <tr> <td>Street Address:</td> <td>401 North Main Street</td> </tr> <tr> <td>City:</td> <td>Winston-Salem</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27101-3804</td> </tr> </table>		Name:	R. J. Reynolds Tobacco Company	Street Address:	401 North Main Street	City:	Winston-Salem	State/Country:	NORTH CAROLINA	Postal Code:	27101-3804
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PROPERTY NUMBERS Total: 1											
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Application Number:	12539226										
CORRESPONDENCE DATA											
<p>Fax Number: 9197552150 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 919-755-8156 Email: patentdocketing@wcsr.com Correspondent Name: Christopher M. Humphrey, Esq. Address Line 1: Womble Carlyle Sandridge & Rice, LLP Address Line 2: P.O. Box 7037 Address Line 4: Atlanta, GEORGIA 30357-0037</p>											
ATTORNEY DOCKET NUMBER:	R60999 1080.1 (0098.7)										
NAME OF SUBMITTER:	Christopher M. Humphrey										
<p>Total Attachments: 5 source=R60999-1080-1Assignment#page1.tif source=R60999-1080-1Assignment#page2.tif source=R60999-1080-1Assignment#page3.tif source=R60999-1080-1Assignment#page4.tif source=R60999-1080-1Assignment#page5.tif</p>											

CH \$40.00 12539226

TO: CHRISTOPHER M. HUMPHREY COMPANY: 3201 BEECHLEAF COURT, SUITE 600

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.110/23/2009
500996609

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Andries D. Sebastian	08/18/2009
RECEIVING PARTY DATA	
Name:	R.J. Reynolds Tobacco Company
Street Address:	401 North Main Street
City:	Winston-Salem
State/Country:	NORTH CAROLINA
Postal Code:	27101-3804
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12539226
CORRESPONDENCE DATA	
Fax Number:	(919)862-2260
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	919-862-2213
Email:	diann.gravius@alston.com
Correspondent Name:	Christopher M. Humphrey
Address Line 1:	3201 Beechleaf Court, Suite 600
Address Line 4:	Raleigh, NORTH CAROLINA 27604
ATTORNEY DOCKET NUMBER:	030627/372061
NAME OF SUBMITTER:	Christopher M. Humphrey
Total Attachments: 2 source=372061Assignment#page1.tif source=372061Assignment#page2.tif	

CH \$40.00 12539226

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
401 North Main Street
Winston-Salem, NC 27101-3804

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

“DEGRADABLE FILTER ELEMENT”

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- Application No. 12/539,226; filed August 11, 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.

8/18/09
Date _____
Andries D. Sebastian
Andries D. Sebastian

State of North Carolina)
County of Yadkin)

I, Diane H. Marshall, a Notary Public for said County and State, do hereby certify that Andries D. Sebastian personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 18th day of August, 2009.

(Official Seal)

Diane H. Marshall
Notary Public

My commission expires 7-15-2013

Diane H. Marshall
Notary Public - North Carolina
Yadkin County
My Commission Expires 7-15-13