PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDRIES D. SEBASTIAN	08/11/2015
CRAIG T. DEMAREST	08/12/2015
PERCY D. PHILLIPS	08/12/2015
MICHAEL F. DAVIS	08/08/2015
PANKAJ C. PATEL	08/11/2015

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14808139

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ATTORNEY DOCKET NUMBER:	107977-0113
NAME OF SUBMITTER:	MARSHALL J BROWN
SIGNATURE:	/marshall j brown/
DATE SIGNED:	08/19/2015

Total Attachments: 7

PATENT REEL: 036358 FRAME: 0693

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PATENT REEL: 036358 FRAME: 0694

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

R.J. Reynolds Tobacco Company 401 North Main Street Winston-Salem, NC 27101-3804 U.S.A.

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

Moisture Barrier Coated Tobacco Product Packaging

check one	[] executed concurrently herewith,
	[] executed on
	[X Serial No. 14/808,139 Filed 7/24/2015

as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

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ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this // day of Aug., 20/5

On Style Date, before me, Berelly S Crews Notary Public Here insert Name and Title of the Officer (Notary Public)

personally appeared ANDRIES D. SEBASTIAN Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

BEVERLY 8. CREWS NOTARY PUBLIC FORSYTH COUNTY NORTH CAROLINA

My Commission Expires: Jazuary 28, 2018

Place Notary Scal Above

Executed this 1 day of 2 day of 2CRAIG T. DEMAREST

before me, There insert Name and Title of the Officer (Notary Public)

personally appeared CRAIG T. DEMAREST Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

FORSYTH COUNTY MORTH CAROLINA My Commission Expires: January 20, 2010

Place Notary Seal Above

Executed this /2"day of 46457, 2015

PERCYD. PHILLIPS

State of 194 (201) (2) County of 50 50 50

On Access 12, 20, before me, Parally

BOOLER S CROWNS MORAL PUBLIC Here insert Name and Title of the Officer (Notary Public)

personally appeared <u>PERCY D. PHILLIPS</u>
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Pub

BEVERLY S. CREWS
NOTARY PUBLIC
PORSYTH COUNTY
NORTH CAROLINA
My Commission Expires: January 28, 2018

Place Notary Seal Above

Executed this $\Delta^{(b)}$ day of $\Delta_{(a,b)}$, 20/5.

State of Mach (2008 a)
County of Great 14

On 8/6/2015 , before me, Case S Cours No Sery Public C

personally appeared MICHAEL F. DAVIS Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

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BEVERLY 8. CREWS

NOTARY PUBLIC FORBYTH COUNTY MORTH CAROLINA

My Convibusion Explice: January 26, 2018

Place Notary Seal Above

Executed this $\sqrt{\frac{4}{3}}$ day of $A = \frac{3}{3} = \frac{3}{3$	*		
	Pankon	Pati	
	PANKA) C. PATEL		*********

State of Moith Cololidas

County of Falsagers

On August (1, 2015), before me, Bessel S Crous Mahare Poiss (Constitution) Ditte

personally appeared <u>PANKAJ C. PATEL</u> Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Signature Who 2

SPIRITE OF TOM TO THE TOWN TO THE TOWN TO THE TOWN THE TOWN

My Commission Expires: January 28, 2018

Place Notary Seal Above

RECORDED: 08/19/2015

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