07/19/2018 505011131

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5057879

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS P. BLANDINO	10/21/2015
ANDREW P. WILKE	10/21/2015
JAMES J. FRATER	10/21/2015
DUANE A. KAUFMAN	10/21/2015
RAYMOND J. ROBEY	10/21/2015

RECEIVING PARTY DATA

Name:	BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED	
Street Address:	GLOBE HOUSE	
Internal Address:	1 WATER STREET	
City:	LONDON	
State/Country:	UNITED KINGDOM	
Postal Code:	WC2R 3LA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15772382

CORRESPONDENCE DATA

Fax Number: (612)349-9266

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 612.349.5740

RABE@PTSLAW.COM Email:

Correspondent Name: AMY M. SALMELA Address Line 1: 80 S 8TH STREET Address Line 2: 4800 IDS CENTER

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	4840.14WOUS01
NAME OF SUBMITTER:	AUBRE RABE
SIGNATURE:	/AUBRE RABE/
DATE SIGNED:	07/19/2018

PATENT REEL: 046399 FRAME: 0077 505011131

Total Attachments: 4

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PATENT REEL: 046399 FRAME: 0078

THIS ASSIGNMENT effective 23 October 2016 is made BETWEEN

Thomas P. Blandino, of 4670 Raven Way, Coltage Grove, WI 53527, United States of America;

and

Andrew P. Wilke, of 2419 Willard Avenue, Madison, WI 53704, United States of America;

and

James J. Frater, of 4244 Sprecher Road, Madison, WI 53718, United States of America:

and

Duane A. Kaufman, of 1878 County Rd K, Hollandale, WI 53544, United States of America;

and

Raymond J. Robey, of 2355 West Lawn Avenue, Madison, WI 53711, United States of America

(Thomas P. Blandino and Andrew P. Wilke and James J. Frater and Duane A. Kaufman and Raymond J. Robey hereinafter referred to as "the Inventors")

and

bb7, LLC, a limited liability company existing under the laws of Delaware, having its principal place of business at 5407 Fen Oak Drive, Madison, WI 53718, United States of America (hereinafter "the Employer")

(the inventors and the Employer being jointly referred to as "the Assignors")

and

BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED of Globe House, 1 Water Street, London WC2R 3LA, United Kingdom (hereinafter "the Assignee")

(the Assignors and the Assignee being jointly referred to as "the Parties")

WHEREAS:

(A) The inventors were retained by the Employer as employees under respective

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contracts of employment:

- (B) The Inventors have confirmed that, while employed by the Employer, they created an invention entitled "Apparatus for heating smokable material", identified by Assignee case number P10015169, as described in the specification attached hereto and hereinafter referred to as 'the Invention';
- (C) The Assignee intends to file a patent application utilising subject matter of the invention, the filing details of which may be added in a Schedule to this assignment subsequent to execution of this assignment for convenience of reference; and
- (D) The Assignors have agreed to assign unto the Assignee, in all territories of the world, any and all of each of the Assignors' rights, title and interest in the Invention, including the right to apply for and obtain patents, or other forms of protection throughout the world, the right to claim priority of any such applications, including any further developments and improvements in respect thereof.

NOW THIS ASSIGNMENT WITNESSES:

In consideration of the sum of one pound sterling (£1.00) and other good and valuable consideration paid by the Assignee to the Assigners (the receipt of which is hereby acknowledged) the Assignors hereby assign to the Assignee, in all territories of the world, any and all of each of the Assignors' right, title and interest in the invention, and any and all rights to apply for and obtain patents or other forms of protection in respect of the invention in all countries of the world, including any and all rights to claim priority of any such applications and including the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of all infringements of any patent or patents granted in respect of the Invention whether such infringements take place before or after the effective date of this assignment TO HOLD the same unto the Assignee absolutely.

The Assignors undertake to execute documents and perform other acts reasonably required to enable the Assignee to enjoy the full benefit of the property and rights and to apply for and effectively vest in patents and other rights in respect of the assigned rights throughout the world.

This Assignment shall be governed by and construed in accordance with English law and each party agrees to submit to the exclusive jurisdiction of the courts of England and Wales.

IN WITNESS of which the Parties have executed this Assignment

P10015169

EXECUTED by Thomas P. Blandino	Signature: Soullands
	Date: 10 - 21 - 15
In the presence of a witness:	Signature: Salfit
	Name: <u>Sara Hitt</u>
EXECUTED by Andrew P. Wilke	Signatura: July O. Hello
	Date: 10-21-15
In the presence of a witness:	Signature: Salat
	Name: Sara Hilt
EXECUTED by James J. Frater	Signature: <u>JUUU M</u> UU
	Date: 10-21-15
In the presence of a witness:	Signature: SaulAit
	Name: Sara Hilt
EXECUTED by Duane A. Kaufman	Signature: Dun Kyl
	Date: 2015-10-21
In the presence of a witness:	Signature: Salalit
	Name: Sara Hilt

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In the presence of a witness: Signature: Sara Hill EXECUTED for and on behalf of bb7, LLC Signature: Sara Hill Signature: Sara Hill Capacity: VP of OFEATIONS Date: 10/21/2016 In the presence of a witness: Signature: Sara Hill EXECUTED for and on behalf of BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name: James Commission Capacity: Assistant Communication Capacity: Assistant Communication Capacity: Assistant Communication Date: 23 October 2015 In the presence of a witness: Signature: Date: Any Communication Name: Any Communication Name: Any Communication	EXECUTED by Raymond J. Robey	Signature: (Sayund) Rober
EXECUTED for and on behalf of bb7, LLC Signature: Sara Hilt Name: Tax Paleocki Capacity: V.P. or Organicus Date: 10/21/2016 In the presence of a witness: Signature: Sara Hilt EXECUTED for and on behalf of BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Signature: Name: James Canadagan Capacity Date: 23 October 2015 In the presence of a witness: Signature: Signature: Signature: Date: 23 October 2015		Date: 10/21/15
EXECUTED for and on behalf of bb7, LLC Name: Jan Alexand Capacity: V.P. or OFEATIONS Date: /0/21 / 2015 In the presence of a witness: Signature: Sara Signature: Name: Sara Signature: Name: Janes Commission Capacity: Assistant Commission Date: 23 October 2015 In the presence of a witness: Signature:	In the presence of a witness:	Signature: Saul
In the presence of a witness: Signature: Name:		Name: Sara Hilt
In the presence of a witness: Signature: Name:		
Name: The Albertal Capacity: V.P. or Orkeatrons Date: 10/21/2015 In the presence of a witness: Signature: Sand Hill EXECUTED for and on behalf of BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Signature: James Cannaicrant Capacity: Assistant Company Secretary Date: 23 October 2015 In the presence of a witness: Signature: Determine The presence of a witness:		
Capacity: V.P. OF OFFICATIONS Date: 10/21/2015 In the presence of a witness: Signature: Sand Hitt EXECUTED for and on behalf of BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name: James Connector Capacity: ASSISTANT COMPANY SELECTAN Date: 23 OUTOSOE 2015 In the presence of a witness: Signature:	enter of the second	
In the presence of a witness: Signature: Sa A A Hith Name: Sora Hith EXECUTED for and on behalf of BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name: James Communication Capacity: Assurant Company Secretary Date: 2.3 Outrosex 2015 In the presence of a witness: Signature:		
In the presence of a witness: Signature: Sand Hill Name: Sana Hill EXECUTED for and on behalf of BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name: Janes Cannactor Capacity: Assistant Conserve Selector Date: 23 October 2015 In the presence of a witness: Signature:		
Name: Sara Hilt EXECUTED for and on behalf of BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name: James Commission Capacity: Assistant Commission Date: 23 October 2011 In the presence of a witness: Signature:		Daile: 10/21/2015
Name: Sara thit EXECUTED for and on behalf of BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name: James Communication/ Capacity: Assistant Communication/ Date: 23 October 2015 In the presence of a witness: Signature:	In the presence of a witness:	Signature: Saul 1
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name:		
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name:		À
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED Name:	EXECUTED for and on behalf of	
Name: James Communication/ Capacity: Assistant Company Secretary Date: 23 October 2015 In the presence of a witness: Signature:	BRITISH AMERICAN TOBACCO	Signature:
In the presence of a witness: Signature:	1984 C C C C C X X X X X X X X X X X X X X	Name: James Commission
In the presence of a witness: Signature:		Capacity: ASSISTANT COMPANY SELECTAR
		Date: 23 Octosex 2011
Name: ANGELINE DE HARTOG	In the presence of a witness:	Signature:
		Name: ANGELINE DE HARTOG