505245029 12/19/2018

PATENT ASSIGNMENT COVER SHEET

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	NUNC PRO TUNC A 12/14/2018 Name	SSIGNMENT Execution Date 12/14/2018	
CONVEYING PARTY DATA GEORGIOS KARLES RECEIVING PARTY DATA Name: ALT			
GEORGIOS KARLES RECEIVING PARTY DATA Name: ALT	Name		
RECEIVING PARTY DATA	Name		
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State/Country: VIR	VIRGINIA		
Postal Code: 232	3230		
Property Type Application Number:	Number 15067867		
CORRESPONDENCE DATA			
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IAME OF SUBMITTER:	GARY D YACURA		
SIGNATURE:	/GARY D YACURA/	/GARY D YACURA/	
	12/19/2018		

NUNC PRO TUNC PATENT APPLICATION ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, is executing this nunc pro tunc assignment to correct a scrivener's error in the Assignor's name; confirms that the Assignor had previously assigned or had obligation to assign to the below, correctly named assignee; and has invented:

E-VAPING DEVICE CARTRIDGE HOLDER

As a below named inventor, I hereby declare that:

This assignment is directed to (check one):

- The attached application, or
- United States application <u>15/067,867</u> filed on <u>March 11, 2016</u>.

WHEREAS, Altria Client Services LLC, 6601 West Broad Street, Richmond, VA, 23230, hereinafter referred to as Assignee, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

¹ This form requires an ADS if one has not yet been filed.

Atty. Dkt. No.: 24000-000288-US

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignce, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Georgios KARLES 14-Dec-2018

Dated