502265535 03/13/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Lucian Bovet	03/06/2013

RECEIVING PARTY DATA

Name:	PHILIP MORRIS PRODUCTS, S.A.
Street Address:	Quai Jeanrenaud 3
City:	Neuchatel
State/Country:	SWITZERLAND
Postal Code:	2000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13819063

CORRESPONDENCE DATA

Fax Number: 6123061006

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: 479.0001 0101

NAME OF SUBMITTER: Keith M. Campbell

Total Attachments: 1

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PATENT REEL: 029983 FRAME: 0304 1 \$40.00 1381906

Docket 479,0001 0101

ASSIGNMENT

Whereas I, Lucien Bovet with residence and citizenship as indicated below; has made an invention in

HEAVY METAL REDUCTION IN PLANTA

Filed: February 26, 2013 Filed: August 31, 2011

Serial No.: 13/819,063 Serial No.: PCT/EP2011/004383

and executed an application for Letters Patent of the United States of America based thereon:

Now, therefore, for good and valuable consideration, receipt and sufficiency of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto PHILIP MORRIS PRODUCTS, S.A. ("Company"), having its post office address at Quai Jeanrenaud 3, 2000 Neuchatel, Switzerland its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

I do further agree for myself and for my heir, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Philip Morris Products, S.A. as the assignee of the entire right, title, and interest therein.

In witness whereof, I have hereunto signed our names on the day and year set forth below.

Dated this 6 day of 1964 , 2013.

Lucien Bovet
Address: Numa-Droz 45 Temple - Allemand 45
CH-2300 Lachaux-de-Fonds, Switzerland 2300 Lachaux-de-Fonds

Witness Name: Gerhard Lang

Witness Signature: C-C

PATENT

REEL: 029983 FRAME: 0305

RECORDED: 03/13/2013