PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Profigen Inc.	07/13/2010

RECEIVING PARTY DATA

Name:	U.S. Smokeless Tobacco Company LLC
Street Address:	6603 West Broad Street
City:	Richmond
State/Country:	VIRGINIA
Postal Code:	23230

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6664384

CORRESPONDENCE DATA

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Total Attachments: 2

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PATENT REEL: 025353 FRAME: 0789

ASSIGNMENT OF PATENT RIGHTS

Assignor:

ProfiGen Inc.

6603 West Broad Street Richmond, VA 23230

Assignee:

U.S. Smokeless Tobacco Company LLC

6603 West Broad Street Richmond, VA 23230

U.S. Serial No. 09/641,466, entitled *Duplicated Cassava Vein Mosaic Virus Enhancers and Uses Thereof*, filed August 18, 2000, and assigned U.S. Patent No. 6,664,384 on December 16, 2003.

- 1. Assignor represents that it is the owner of the inventions and improvements which are the subject of the Patent listed above, and all related foreign and domestic patents, patent applications, provisionals, divisionals, continuations, continuations-in-part, reissues, reexaminations, certificates of invention, and the like that have issued from, may issue from, or which derive priority from, the listed Patent (all of which are collectively referred to as the "Patent Rights"). Assignor represents that Assignor has the full right to convey the interest assigned by this Assignment, and that Assignor has not executed and will not execute any agreement in conflict with this Assignment.
- 2. Assignor hereby assigns to Assignee the entire worldwide right, title, and interest in and to the Patent Rights, and acknowledges receipt of fair and adequate consideration for such Assignment.
- 3. Assignor hereby assigns to Assignee all the Assignor's right, title, and interest in and to any claims (known or unknown, suspected or unsuspected) of any nature that Assignor has or may have against any party for infringement of the Patent Rights, and acknowledges receipt of fair and adequate consideration for such Assignment.
- 4. This agreement is binding upon and inures to the benefit of the successors and assigns of the parties.

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I, Henry P. Long., h	ereby execute this Assignment of Patent Rights on this 🤼
day of <u>Juse</u> , 2010.	
JONY	PROFIGEN INC.
	Signed:
	Name: Henry P. Long
	Title: President

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RECORDED: 11/12/2010