

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5461491

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	NOBALANDA BETTY MOKOENA	03/11/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ONDERSTEPOORT BIOLOGICAL PRODUCTS SOC LTD	
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<b>Internal Address:</b>	ONDERSTEPOORT	
<b>City:</b>	PRETORIA	
<b>State/Country:</b>	SOUTH AFRICA	
<b>Postal Code:</b>	0110	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16095264
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<b>ATTORNEY DOCKET NUMBER:</b>	11170.001US1 2 OF 3	
<b>NAME OF SUBMITTER:</b>	KRISTEN LEMME	
<b>SIGNATURE:</b>	/Kristen Lemme/	
<b>DATE SIGNED:</b>	04/05/2019	
<b>Total Attachments: 2</b>		
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source=Assignment (Onderstepoort) - As filed#page2.tif		

ASSIGNMENT AGREEMENT

I, the undersigned

Inventor

1. Nobalanda Betty Mokoena,  
a citizen of South Africa,  
c/o Onderstepoort Biological Products SOC Ltd.  
100 Old Soutpan Road  
Onderstepoort, 0110, Pretoria  
South Africa

Employed by:

Onderstepoort Biological  
Products SOC Ltd.

hereinafter ASSIGNOR, herewith declare that I am inventor of the invention entitled:

**PLANT-PRODUCED CHIMAERIC ORBIVIRUS VLPS**

for which an application was filed with the

Patent Office

United States Patent and Trademark Office

as outlined below:

<u>Case No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Serial No.</u>
11170.001US1	US	2017-04-19	16/095,264

ASSIGNOR acknowledges the transfer to

Onderstepoort Biological Products SOC Ltd  
100 Old Soutpan Road  
Onderstepoort, 0110, Pretoria  
South Africa

hereinafter ASSIGNEE, of all right, title, and interest in, to, and deriving from the inventions disclosed in the application set forth above by operation of law, contract, or otherwise.

As far as right, title, and interest of the ASSIGNOR in, to, and deriving from the inventions disclosed in the patent application set forth above may not have been transferred to ASSIGNEE, ASSIGNOR herewith assigns to ASSIGNEE all right, title, and interest in, to, and deriving from the invention and to the above application, including the right to claim priority.

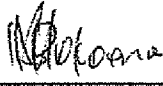
ASSIGNEE by virtue of this assignment thereof shall have the exclusive right and is fully entitled to claim priority of the application set forth above, to apply for, obtain, and own patents worldwide in its own name and at its own costs that claim priority to and are based in whole or in part on the application, including any and all divisions, reissues, reexaminations, continuations, continuation-in-part, conversions and extensions thereof for the full term or terms for which the same may be granted, and to maintain any patent granted thereupon and to discontinue any patents or patent applications as it deems appropriate.

ASSIGNEES and ASSIGNOR hereby acknowledge, confirm, and agree that ASSIGNOR has been fully and adequately compensated for all rights granted or assigned to ASSIGNEE hereunder.

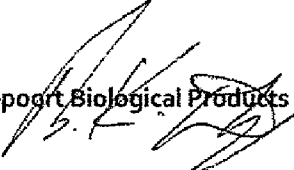
"I hereby grant Assignee's attorneys, all of FisherBroyles LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

This agreement shall be governed and construed in accordance with substantive laws of California. The competent courts of California shall have exclusive jurisdiction.

ASSIGNOR

PRETORIA, 11 March 2019   
Place, Date Nobalanda Betty Mokoena

ASSIGNEE

PRETORIA, OUDERSTPOORT   
Place, Date 28-03-2019 Onderstepoort Biological Products SOC Ltd.  
Name: BAPTISTE KIMBENGA DUNGA (DVM PHD)  
Title: DR