

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>RICHARD C. EBERSOLE</td> <td>04/11/2004</td> </tr> <tr> <td>RAYMOND E. JACKSON</td> <td>04/21/2004</td> </tr> <tr> <td>LINDA J. BESL</td> <td>04/20/2004</td> </tr> </tbody> </table>		Name	Execution Date	RICHARD C. EBERSOLE	04/11/2004	RAYMOND E. JACKSON	04/21/2004	LINDA J. BESL	04/20/2004
Name	Execution Date								
RICHARD C. EBERSOLE	04/11/2004								
RAYMOND E. JACKSON	04/21/2004								
LINDA J. BESL	04/20/2004								
RECEIVING PARTY DATA									
Name:	E. I. DU PONT DE NEMOURS AND COMPANY								
Street Address:	1007 MARKET STREET								
Internal Address:	LEGAL-PATENTS								
City:	WILMINGTON								
State/Country:	DELAWARE								
Postal Code:	19898								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US0341808</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US0341808				
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PCT Number:	US0341808								
CORRESPONDENCE DATA									
Fax Number:	(302)992-4773								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(302) 992-2973								
Email:	CAROL.A.REEDER@USA.DUPONT.COM								
Correspondent Name:	J. KENNETH JOUNG								
Address Line 1:	4417 LANCASTER PIKE								
Address Line 2:	LEGAL-PATENTS								
Address Line 4:	WILMINGTON, DELAWARE 19805								
NAME OF SUBMITTER:	CAROL REEDER								
Total Attachments: 1 source=CL2272PCT#page1.tif									

CH \$40.00 US0341808

ASSIGNMENT

We, the undersigned

Best
RICHARD C. EBERSOLE, LINDA J SCHWARTZ, *CJB*
RAYMOND E. JACKSON

Hereby declare that

We are the true and first inventors of an invention entitled

SEQUENCES DIAGNOSTIC FOR FOOT AND MOUTH DISEASE

and which is disclosed in United States Patent Application No. PCT/US03/41808 filed on December 19, 2003 (and which is identified as Case Number CL2272 PCT).

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto **E. I. DU PONT DE NEMOURS AND COMPANY**, a corporation organized and existing under the laws of State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) to file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

Richard C. Ebersole (L.S.)

RICHARD C. EBERSOLE

DATE: 7/14/04

Linda J. Schwartz (L.S.)

LINDA J. SCHWARTZ *Best*

DATE: 4-20-2004

Raymond E. Jackson (L.S.)

RAYMOND E. JACKSON

DATE: 7/21/04