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To the Director of the U.S. Pat 10361800	ched documents or the new address(es) below			
Name of conveying party(ies): Menzo J. E. HAVENGA Stefan KOSTENSE	2. Name and address of receiving party(ies) Name Crucell Holland B.V. Address Archimedesweg 4, 2333 CN Leiden, The Netherlands			
Additional name of conveying party(ies) attached? Yes No 3. Nature of conveyance: Execution Date(s) Feb. 11, 2011; Feb. 14, 2011 Assignment	CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D C 20231 on the date shown below Typed or printed name Betty Vowles Signature Suttus Joules FEB 17 2011 Sth Floor Additional Name(s) & address(es) attached? ☐ Yes ☑ No			
	This document is being filed together with a new application B. Patent No (s) ached? Yes No			
Name and address of party to whom correspondence concerning this document should be mailed: Name TraskBritt Internal Address	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account			
Street Address P.O. Box 2550	☐ Enclosed ☐ None required (government interest not affecting title)			
State_UT Zip_84110 Phone Number 801-532-1922 Fax Number 801-531-9168 Email Addressacturner@traskbritt.com	8. Payment Information a Credit Card Last 4 Numbers 62/17/2011 NTHALL b Deposit Account Number 40/2001969 Authorized User Name Allen C Turner Attorney Docket No 2578-6845 3US February 14, 2011			
9. Signature : Signature Allen C Turner 33,041	Total number of pages including cover sheet, attachments, and documents 3			

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Crucell Holland B.V. ("ASSIGNEE"), an entity of The Netherlands having a place of business at Archimedesweg 4, 2333 CN Leiden, The Netherlands, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the Application for United States Letters Patent filed concurrently herewith (or ASSIGNOR(S) do(es) hereby authorize and request attorneys, TraskBritt, PC of P.O. Box 2550, Salt Lake City, Utah 84110, to insert here in parenthesis (Application number 12/930,661, filed January 12, 2011) the application number of said application when known) and entitled NEW SETTINGS FOR RECOMBINANT ADENOVIRAL-BASED VACCINES, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

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PATENT REEL: 025815 FRAME: 0754 AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:

Menzo J. E. HAVENGA

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Date _____// EB 2011

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