

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2890563

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CALMUNE CORPORATION	01/26/2012
RECEIVING PARTY DATA		
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
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ATTORNEY DOCKET NUMBER:	2578-P11662.1US	
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SIGNATURE:	/Allen C. Turner/	
DATE SIGNED:	06/09/2014	
Total Attachments: 4		
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ASSIGNMENT OF PATENTS

WHEREAS, Calmune Corporation (the "**Assignor**"), a corporation duly organized and existing under and by virtue of the laws of Delaware and having an address c/o David Bradlow, 3947 23rd Street, San Francisco, CA 94114-3302, is the owner of the entire and exclusive right, title and interest in, to and under the applications for Letters Patent in the United States and any and all foreign patents and patent applications, as identified on **Exhibit A** hereto, and the respective inventions described and claimed therein, along with all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property (collectively, the "**Patents**");

WHEREAS, Crucell Holland B.V. (the "**Assignee**"), a limited liability corporation organized and existing under and by virtue of the laws of the Netherlands, and having offices located at Archimedesweg 4, 2333 CN Leiden, the Netherlands, desires to acquire the entire and exclusive right, title and interest in, to and under the Patents and Patent Rights (as hereinafter defined);

NOW, THEREFORE, in consideration of TEN DOLLARS (\$10.00) and other good and valuable consideration paid by the Assignee, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby sells, assigns, transfers and sets over to the Assignee, its successors and assigns, the entire and exclusive right, title and interest in, to and under the Patents, and all other patent rights that may be based thereon, including all renewals, substitutes, reissues, (provisional) applications, continuations, continuations-in-part, divisionals, certificates of invention or any other rights relating to the protection of inventions, granted by any court, administrative agency or commission, and all other rights, title and interest in any invention, in all countries of the world, and all reissues or extensions thereof, and every priority right that is or may be predicated upon or arise from said rights, to the full end of the term and any extensions thereof for which said rights may be granted as fully and entirely as the same would have been held by the Assignor had this assignment not been made (collectively, the "**Patent Rights**").

The Assignor hereby acknowledges that this assignment of the entire right, title and interest in and to the Patent Rights, carries with it the right in the Assignee to apply for and obtain from competent authorities, in all countries of the world, any and all Letters Patent by attorneys and agents of the Assignee's selection and the right to procure the grant of all Letters Patent to the Assignee, for its own name as assignee of the entire right, title and interest in and to the Patent Rights.

The Assignor hereby agrees to execute upon reasonable request any other lawful documents and likewise to perform any other lawful acts which may be necessary to fully secure the Patent Rights to the Assignee, its successors, assigns, and legal representatives, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional, or continuation applications and/or preliminary or other statements and the giving of testimony in any interference or other proceeding in which the Patent Rights may be involved; and the Assignor further hereby authorizes the Assignee or its attorneys or agents to insert the correct series number and filing date into this assignment, if appropriate.

And for the considerations aforesaid, the Assignor agrees that it will communicate to Assignee, or its representatives, any facts known respecting the Patent Rights and will testify in any legal proceeding, sign all lawful papers, make all rightful oaths and generally do everything possible to aid the Assignee, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Patent Rights in any and all countries.

The Assignor hereby covenants that it has full right to, and hereby does authorize and requests the Commissioner of Patents, or other proper governmental authority, to, issue all Letters or other documents evidencing the transfer of ownership of the Patent Rights to the Assignee, its successors and assigns, in accordance with this assignment.

IN WITNESS WHEREOF, the undersigned has executed this Assignment of Patents as of January 26, 2012.

Witnessed By:


Name: G. JACOBINO


Name: Mikhail

CALMUNE CORPORATION

By: 
Mikhail Sazonov, Director

**EXHIBIT A
PATENT RIGHTS**

Country	Inventors	Title	Serial No. (Patent No.)	Date Filed (Issued)
US-PRV	Williamson, Robert Anthony; Wadia, Jehangir; Pascual, Gabriel; Lanza, Paola; Keogh, Elissa; Crimi, Claire; And Chen, Zhifeng (7)	Antibodies Against Human Respiratory Syncytial Virus (RSV) and Methods Of Use	61/274,395	08/13/09
US-PAT	Williamson, Robert Anthony; Wadia, Jehangir; Pascual, Gabriel; Keogh, Elissa (4)	Antibodies Against Human Respiratory Syncytial Virus (RSV) and Methods Of Use	12/806,498 Publication No. US-2011-0076268- A1 Priorities: 61/274,395	08/13/10 Pub. Date: 03/31/11
WO-PAT	Williamson, Robert Anthony; Wadia, Jehangir; Pascual, Gabriel; Keogh, Elissa; (4)	Antibodies Against Human Respiratory Syncytial Virus (RSV) and Methods Of Use	PCT/US2010/045549 Publication No. WO 2011/020079 Priorities: 61/274,395	08/13/10
US-PRV	Williamson, Robert Anthony; Wadia, Jehangir; Pascual, Gabriel; Lanza, Paola; Keogh, Elissa; Crimi, Claire; And Chen, Zhifeng (7)	Antibodies Against Human Respiratory Syncytial Virus (RSV) and Methods Of Use	61/399,310	07/09/10
US-PRV	Williamson, Robert Anthony; Wadia, Jehangir; Pascual, Gabriel; Keogh,	Anti-Human Respiratory Syncytial Virus (RSV) Antibodies	61/456,454	11/05/10

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	Elissa (4)	and Methods of Use		
WO-PAT	Williamson, Robert Anthony; Wadia, Jehangir; Pascual, Gabriel; Keogh, Elissa (4)	Anti-Human Respiratory Syncytial Virus (RSV) and Methods of Use	PCT/US2011/043463 Priorities: 61/399,310 61/456,454	07/08/11
AR-PAT	Williamson, Robert Anthony; Wadia, Jehangir; Pascual, Gabriel; Keogh, Elissa (4)	Anti-Human Respiratory Syncytial Virus (RSV) and Methods of Use	2011 01 02470 Priorities: 61/399,310 61/456,454	07/08/11
TW-PAT	Williamson, Robert Anthony; Wadia, Jehangir; Pascual, Gabriel; Keogh, Elissa (4)	Anti-Human Respiratory Syncytial Virus (RSV) and Methods of Use	100124177 Priorities: 61/399,310 61/456,454	07/08/11

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