PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUDWIG PAUL COOYMANS	01/20/2012
SAMUEL DOMINIQUE DEMIN	01/20/2012
LILI HU	01/20/2012
TIM HUGO MARIA JONCKERS	01/20/2012
PIERRE JEAN-MARIE RABOISSON	01/23/2012
ABDELLAH TAHRI	01/20/2012
SANDRINE MARIE VENDEVILLE	01/20/2012

RECEIVING PARTY DATA

Name:	JANSSEN PHARMACEUTICA NV	
Street Address:	TURNHOUTSEWEG 30	
City:	BEERSE	
State/Country:	BELGIUM	
Postal Code:	2340	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13993200

CORRESPONDENCE DATA

Fax Number: (732)524-2808

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 732 524-3742

Email: dwilso32@its.jnj.com **Correspondent Name:** BERNARD F. PLANTZ

Address Line 1: ONE JOHNSON & JOHNSON PLAZA
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ATTORNEY DOCKET NUMBER:	TIP-0227USPCT	
NAME OF SUBMITTER:	DAWN H. WILSON	
SIGNATURE:	/Dawn H. Wilson/	
DATE SIGNED:	10/21/2014	

Total Attachments: 4

PATENT

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PATENT REEL: 033989 FRAME: 0868

ASSIGNMENT

Serial No. Filed

WHEREAS, COOYMANS, Ludwig Paul, residing at Grote Beekstraat 24, 2340 Beerse, Belgium (hereinafter called "Assignor"), has made jointly with DEMIN, Samuël Dominique, HU, Lili, JONCKERS, Tim Hugo Maria, RABOISSON, Pierre Jean-Marie Bernard, TAHRI, Abdellah and VENDEVILLE, Sandrine Marie Helene, residing at Professor Claraplein 14 Bus 308, 2018 Antwerpen, Belgium; Vrouw van Mechelenstraat 28, 2800 Mechelen, Belgium; Pastoor Wouterstraat 19 Bus 5, 2650 Edegem, Belgium; Rue Jolie 3, 1331 Rosieres, Belgium; Rue Maurice Albert Raskin 30, 1070 Anderlecht, Belgium and Rue du Bémel 142, 1150 Woluwe-Saint-Pierre, Belgium respectively, certain new and useful inventions or discoveries relating to

Indoles as respiratory syncytial virus antiviral agents

for which they have on the day of , 2012 executed an application for Letters Patent of the United States; (Applicant(s) hereby authorize the legal representative(s) of record to enter herein the supplemental identification information for this application as provided by the US PTO); and and

WHEREAS, Janssen Pharmaceutica NV, a corporation of the State of Belgium, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

THEREFORE, BE IT KNOWN that for NOW, consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made:

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And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

Anđ for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 2^{+} day of 2012 RENS Geas Ludwig Paul The above signature(s) has been seen by us, Notary (14) Coppens at Vosselaar, and we certify it to be genuinely the signatures) of Ludwig Paul STATE OF Cooymans.) ss. COUNTY OF day of Public, before me, а Notary personally who I am satisfied are the persons named and. in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein

expressed.

Notary Public

ASSIGNMENT

Serial No. Filed

WHEREAS, DEMIN, Samuël Dominique, HU, Lili, JONCKERS, Tim Hugo Maria, RABOISSON, Pierre Jean-Marie Bernard, TAHRI, Abdellah and VENDEVILLE, Sandrine Marie Helene, residing at Professor Claraplein 14 Bus 308, 2018 Antwerpen, Belgium; Vrouw van Mechelenstraat 28, 2800 Mechelen, Belgium; Pastoor Wouterstraat 19 Bus 5, 2650 Edegem, Belgium; Rue Jolie 3, 1331 Rosieres, Belgium; Rue Maurice Albert Raskin 30, 1070 Anderlecht, Belgium and Rue du Bémel 142, 1150 Woluwe-Saint-Pierre, Belgium respectively (hereinafter called "Assignors"), have made jointly with COOYMANS, Ludwig Paul, residing at Grote Beekstraat 24, 2340 Beerse, Belgium, certain new and useful inventions or discoveries relating to

Indoles as respiratory syncytial virus antiviral agents

for which they have on the day of , 2012 executed an application for Letters Patent of the United States; (Applicant(s) hereby authorize the legal representative(s) of record to enter herein the supplemental identification information for this application as provided by the US PTO); and and

WHEREAS, Tibotec BVBA, a corporation of the State of Belgium, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

THEREFORE, BE IT KNOWN that for consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions discoveries disclosed in said application identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made:

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

PATENT REEL: 033989 FRAME: 0871 And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this day of , 2012 (L.S.) (L.S.) DEMIN, Samuël Dominique HU, Lili namy 2012 (L.S.) Tim Hugo Maria Pierre J-M Abdellah Sandrine The above signature(s) has been seen by us, STATE OF Notary No Coppens at Vosselaar, and we certify) ss. it to be genuinely the signature(s) of Pierre Raboisson and Sandrine Vendeville. COUNTY OF BE IT REMEMBERED, That on this Ly before Notary Public, personally V appeared me, and. who I am satisfied are the persons named in and who executed the foregoing instrument in my presence and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and numerical (the expressed. The above signature(s) has been seen by us, Notary JMN Coppens at Vosselaar, and we certify

RECORDED: 10/21/2014

it to be genuinely the signature s) of Samuel Demin,
Lili Hu, TIM Jonckers and Abdellah PATENT

REEL: 033989 FRAME: 0872