

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT												
EFFECTIVE DATE:	08/11/2010												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Adel Rafai Far</td> <td>10/07/2011</td> </tr> <tr> <td>Kelly Tanaka</td> <td>10/10/2011</td> </tr> <tr> <td>Evelyne Dietrich</td> <td>10/07/2011</td> </tr> <tr> <td>Ranga Reddy</td> <td>10/11/2011</td> </tr> <tr> <td>Ting Kang</td> <td>10/07/2011</td> </tr> </tbody> </table>		Name	Execution Date	Adel Rafai Far	10/07/2011	Kelly Tanaka	10/10/2011	Evelyne Dietrich	10/07/2011	Ranga Reddy	10/11/2011	Ting Kang	10/07/2011
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Ranga Reddy	10/11/2011												
Ting Kang	10/07/2011												
RECEIVING PARTY DATA													
Name:	The Medicines Company												
Street Address:	8 Sylvan Way												
City:	Parsippany												
State/Country:	NEW JERSEY												
Postal Code:	07054												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US1045201</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US1045201								
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PCT Number:	US1045201												
CORRESPONDENCE DATA													
Fax Number:	(202)659-9344												
Email:	dhissong@roylance.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Drew Hissong												
Address Line 1:	1300 19th St NW, Suite 600												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036												
ATTORNEY DOCKET NUMBER:	56468												
NAME OF SUBMITTER:	Drew Hissong												

OP \$40.00 US1045201

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PATENT

Total Attachments: 8

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ASSIGNMENT

WHEREAS:

1. Adel RAFAI FAR, of 2170 Chemin Hanover, Ville Mont-Royal, Québec H3R 2X8 Canada,
2. Kelly TANAKA, of 323 Riverdale Avenue, Toronto, Ontario M4J 1A3 Canada,
3. Evelyne DIETRICH, of 17 rue d'Orly, Laval, Québec H7N 4W8 Canada,
4. Ranga REDDY, of S.V's Ambuza Sekhar Mansion Flat 203, Street No. 8, 500007 Habsiguda, Hyderabad AP India, and
5. Ting KANG, of 23 Sutton Crescent, Kirkland, Québec H9J 2S9 Canada,

(herein called "THE UNDERSIGNED") has made an invention as disclosed and claimed in the international patent application entitled Glycopeptide and Lipoglycopeptide Antibiotics with Improved Solubility, filed on August 11, 2010, given International Appln. Serial No. PCT/US2010/045201, and naming the above individuals as applicants and inventors; and

AND WHEREAS The Medicines Co. (herein called "ASSIGNEE"), a corporation organized under the laws of Delaware, and having an office and place of business at 8 Sylvan Way, Parsippany, NJ 07054, wishes to acquire the entire right, title and interest in and to said invention and patent application and in any Letters Patent issuing from national stage applications based thereon, or any Letters Patent issuing from any subsequently filed patent application which claims the benefit of the filing date thereof;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sells, assigns and transfers to the ASSIGNEE, its successors and assigns, *nunc pro tunc* as of August 11, 2010, the entire right, title and interest in said international application and the invention disclosed therein, for all countries worldwide, and in any Letters Patent issuing from national stage applications based thereon, and any Letters Patent issuing worldwide from any subsequently filed patent applications which claim the benefit of the filing date thereof, and in all reissues or extensions of such patents, including an assignment of all rights under the provisions of the International Convention, and THE UNDERSIGNED hereby authorizes and requests the U.S. Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agrees that THE UNDERSIGNED, its executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest in the ASSIGNEE, its successors or assigns the entire right,

title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represents and agrees with said ASSIGNEE its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED has hereunto set its hand on the date indicated below.

Date: 08.07.2011 s/ 
Adel RAFAI FAR

Date: _____ s/ _____
Kelly TANAKA

Date: _____ s/ _____
Evelyne DIETRICH

Date: _____ s/ _____
Ranga REDDY

Date: 08.07.2011 s/ 
Ting KANG

ASSIGNMENT

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IN TESTIMONY WHEREOF, THE UNDERSIGNED has hereunto set its hand on the date indicated below.

Date: _____

s/ _____
Adel RAFAI FAR

Date: Oct 10, 2011

s/  _____
Kelly TANAKA

Date: _____

s/ _____
Evelyne DIETRICH

Date: _____

s/ _____
Ranga REDDY

Date: _____

s/ _____
Ting KANG

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IN TESTIMONY WHEREOF, THE UNDERSIGNED has hereunto set its hand on the date indicated below.

Date: _____ s/ _____
Adel RAFAI FAR

Date: _____ s/ _____
Kelly TANAKA

Date: Oct 7th 2011 s/ 
Evelyne DIETRICH

Date: _____ s/ _____
Ranga REDDY

Date: _____ s/ _____
Ting KANG

ASSIGNMENT

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Date: _____ s/ _____
AdeI RAFAI FAR

Date: _____ s/ _____
Kelly TANAKA

Date: _____ s/ _____
Evelyne DIETRICH

Date: 11-10-2011 s/ RReddy
Ranga REDDY

Date: _____ s/ _____
Ting KANG