

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3713837

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER AND CHANGE OF NAME
<b>EFFECTIVE DATE:</b>	01/05/2015
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IRM LLC	01/05/2015
NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD.	01/05/2015
<b>NEWLY MERGED ENTITY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD.	01/05/2015
<b>MERGED ENTITY'S NEW NAME (RECEIVING PARTY)</b>	
<b>Name:</b>	NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD.
<b>Street Address:</b>	131 FRONT STREET
<b>City:</b>	HAMILTON
<b>State/Country:</b>	BERMUDA
<b>Postal Code:</b>	HM 12
<b>PROPERTY NUMBERS Total: 7</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7939519
Patent Number:	7750021
Patent Number:	7417065
Patent Number:	7462629
Patent Number:	8507471
Application Number:	14380776
Application Number:	13985342
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(973)781-8064
<i>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.</i>	
<b>Phone:</b>	862-778-3423
<b>Email:</b>	pip_inbox.phchbs@novartis.com
<b>Correspondent Name:</b>	JIM LYNCH
<b>Address Line 1:</b>	NOVARTIS PHARMACEUTICALS CORPORATION

PATENT

<b>Address Line 2:</b>	ONE HEALTH PLAZA, BLDG 433
<b>Address Line 4:</b>	EAST HANOVER, NEW JERSEY 07936

<b>ATTORNEY DOCKET NUMBER:</b>	IRM CERTIFICATE OF MERGER
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<b>NAME OF SUBMITTER:</b>	DENISE COOPER
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<b>SIGNATURE:</b>	/Denise Cooper/
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<b>DATE SIGNED:</b>	01/27/2016
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**Total Attachments: 1**

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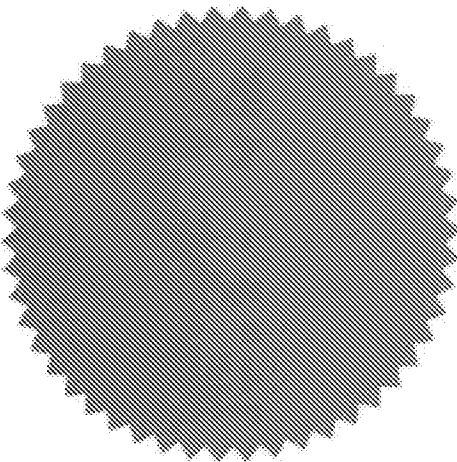
**BERMUDA  
CERTIFICATE OF MERGER**

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In accordance with the provisions of Section 108 of the Companies Act, 1981 ("Act"), I  
HEREBY issue this Certificate of Merger to the surviving company bearing the name

**Novartis International Pharmaceutical Ltd.**

consequent upon the merger of IRM, LLC (a Delaware Limited Liability Company) and  
Novartis International Pharmaceutical Ltd. effective the 5<sup>th</sup> day of January 2015.



Given under my hand and the Seal of  
the REGISTRAR OF COMPANIES  
this 5<sup>th</sup> day of January 2015

for Registrar of Companies