505645974 08/29/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5692780

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	01/05/2015

CONVEYING PARTY DATA

Name	Execution Date
IRM, LLC	01/05/2015

RECEIVING PARTY DATA

Name:	NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD.	
Street Address:	131 FRONT STREET	
City:	HAMILTON	
State/Country:	BERMUDA	
Postal Code:	HM LX	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16439204

CORRESPONDENCE DATA

Fax Number:

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: (858) 812-1743
Email: amoten@gnf.org
Correspondent Name: ALICIA MOTEN

Address Line 1: 10675 JOHNS JAY HOPKINS DR. Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	PAT056047-US-CNT02	
NAME OF SUBMITTER:	ALICIA R. MOTEN	
SIGNATURE:	/Alicia R. Moten/	
DATE SIGNED:	08/29/2019	

Total Attachments: 1

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PATENT REEL: 050208 FRAME: 0198

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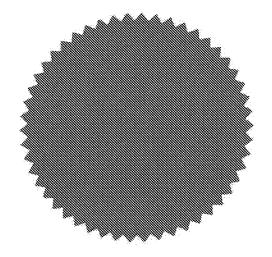


BERMUDA CERTIFICATE OF MERGER

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 5th day of January 2015.



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

for Registrar of Companies

PATENT REEL: 050208 FRAME: 0199

RECORDED: 08/29/2019