PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6047132

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IRM LLC	01/05/2015

RECEIVING PARTY DATA

Name:	NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD	
Street Address:	131 FRONT STREET	
Internal Address:	P.O. BOX HM 2899	
City:	HAMILTON HM LX	
State/Country:	BERMUDA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16403677

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: 862.778.7504

Email: phip_patents@novartis.com

Correspondent Name: NOVARTIS PHARMACEUTICALS CORPORATION

Address Line 1: ONE HEALTH PLAZA

Address Line 2: BUILDING 433

Address Line 4: EAST HANOVER, NEW JERSEY 07936

ATTORNEY DOCKET NUMBER:	PAT055625-US-CNT03
NAME OF SUBMITTER:	ANNETTE CROMER
SIGNATURE:	/ANNETTE CROMER/
DATE SIGNED:	04/04/2020

Total Attachments: 1

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PATENT 506000422 REEL: 052314 FRAME: 0704

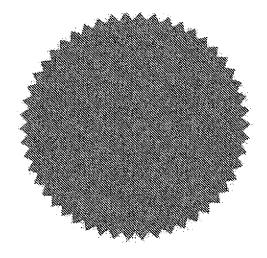


BERMUDA CERTIFICATE OF MERGER

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: 052314 FRAME: 0705

RECORDED: 04/04/2020