

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4340855

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	01/05/2015
SEQUENCE:	3

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 12

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15104727

CORRESPONDENCE DATA

Fax Number: (858)332-4366

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: 858-812-1617

Email: ssesnovich@gnf.org

Correspondent Name: DANIEL E. RAYMOND, PH.D.

Address Line 1: 10675 JOHN JAY HOPKINS DRIVE

Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	PAT056047-US-PCT
NAME OF SUBMITTER:	DANIEL E. RAYMOND
SIGNATURE:	/Daniel E. Raymond/
DATE SIGNED:	03/28/2017

Total Attachments: 1

source=Certificate of Merger#page1.tif

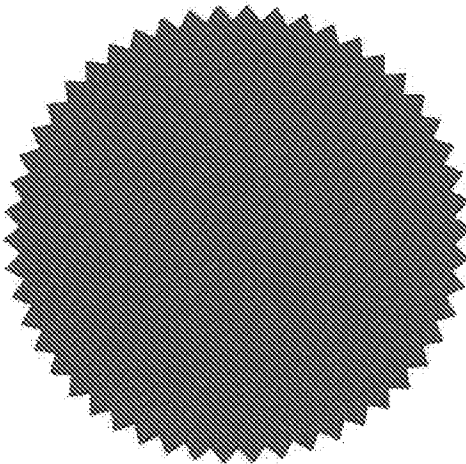


**BERMUDA
CERTIFICATE OF MERGER**

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

A handwritten signature in dark ink is written over the text of the Registrar's name. The signature is cursive and appears to be the initials 'J. A.' followed by a flourish.

for Registrar of Companies