

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name                                       | Execution Date |
|--|----------------|
| Novartis Interantional Pharmaceutical Ltd. | 06/23/2011     |

RECEIVING PARTY DATA

|                 |                                      |
|-----------------|--------------------------------------|
| Name:           | NOVARTIS PHARMACEUTICALS CORPORATION |
| Street Address: | One Health Plaza                     |
| City:           | East Hanover                         |
| State/Country:  | NEW JERSEY                           |
| Postal Code:    | 07936                                |

PROPERTY NUMBERS Total: 32

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11231115 |
| Application Number: | 12976599 |
| Application Number: | 12217193 |
| Application Number: | 12871563 |
| Patent Number:      | 5075445  |
| Patent Number:      | 6573378  |
| Patent Number:      | 5684153  |
| Patent Number:      | 6579981  |
| Patent Number:      | 6136813  |
| Patent Number:      | 5220024  |
| Patent Number:      | 6093819  |
| Patent Number:      | 6469015  |
| Patent Number:      | 5674869  |
| Patent Number:      | 5910589  |
| Patent Number:      | 6124304  |

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PATENT  
REEL: 026535 FRAME: 0503

CH \$1280.00 11231115

|                |         |
|----------------|---------|
| Patent Number: | 5866581 |
| Patent Number: | 6057327 |
| Patent Number: | 6683084 |
| Patent Number: | 6051579 |
| Patent Number: | 6846927 |
| Patent Number: | 7355043 |
| Patent Number: | 5916893 |
| Patent Number: | 5840763 |
| Patent Number: | 6489330 |
| Patent Number: | 7045525 |
| Patent Number: | 6410055 |
| Patent Number: | 6242008 |
| Patent Number: | 6765007 |
| Patent Number: | 6514980 |
| Patent Number: | 6806375 |
| Patent Number: | 6555685 |
| Patent Number: | 6437125 |

#### CORRESPONDENCE DATA

Fax Number: (973)781-8064

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 862-778-8462

Email: linda.adams@novartis.com

Correspondent Name: Linda Adams

Address Line 1: Novartis Pharmaceuticals Corp.

Address Line 2: One Health Plaza

Address Line 4: East Hanover, NEW JERSEY 07936

|                         |              |
|-------------------------|--------------|
| ATTORNEY DOCKET NUMBER: | NIP - FAMVIR |
|-------------------------|--------------|

|                    |             |
|--------------------|-------------|
| NAME OF SUBMITTER: | Linda Adams |
|--------------------|-------------|

Total Attachments: 2  
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## ASSIGNMENT

WHEREAS, **Novartis International Pharmaceutical Ltd.**, a company organized under the laws of the Bermuda, of 131 Front Street, Hamilton HM12, Bermuda, its successors, assigns and legal representatives (hereinafter "Assignor") is the owner of all the right, title and interest in and to the United States patents and patent applications listed on attached Schedule A;

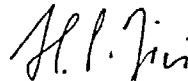
WHEREAS, **Novartis Pharmaceuticals Corporation**, corporation organized under the laws of the State of Delaware, with corporate offices at One Health Plaza, East Hanover, New Jersey 07936 (hereinafter "ASSIGNEE") desires to acquire said interest of Assignor in said inventions and patent application and **Novartis International Pharmaceutical Ltd.**, is willing to assign its interest therein to **Novartis Pharmaceuticals Corporation**;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, acting through its legal representatives, assigns all right, title and interest in said patents and patent applications and the inventions disclosed therein, and any divisions, reissues, continuations, continuations-in-part, and extensions thereof, for the United States and its territorial possessions, the same to be held and enjoyed by the Assignee for its use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by the Assignor, if this assignment and sale had not be made.

This assignment of rights, as set forth in the preceding paragraph, is retroactive to September 28, 2010.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed this 23<sup>rd</sup> day of JUNE, 2011.

**Novartis International Pharmaceutical Ltd.,**



L.S.

Name: H. S. Zivi

Title: Director



L.S.

Name: Michael Long

Title: Director

**PATENT**

**REEL: 026535 FRAME: 0505**

# Schedule A

## Famvir

| Application No. | Docket No.         |
|-----------------|--------------------|
| 11/231,115      | PAT03127-US-CNT    |
| 12/976,599      | PAT031827-US-CNT02 |
| 12/217,193      | PAT031830-US-CNT02 |
| 12/871,563      | PAT031830-US-CNT03 |

| Patent No./Patent Application No. | Docket No.         |
|-----------------------------------|--------------------|
| 5,075,445                         | PAT031801-US-CNT   |
| 6,573,378                         | PAT031801-US-CNT07 |
| 5,684,153                         | PAT031801-US-CNT05 |
| 6,579,981                         | PAT031801-US-CNT06 |
| 6,136,813                         | PAT031811-US-CNT03 |
| 5,220,024                         | PAT031813-US-NP    |
| 6,093,819                         | PAT031813-US-DIV   |
| 6,469,015                         | PAT031814-US-CNT02 |
| 5,674,869                         | PAT031815-US-CNT03 |
| 5,910,589                         | PAT031816-US-CNT   |
| 6,124,304                         | PAT031820-US-DIV   |
| 5,866,581                         | PAT031820-US-PCT   |
| 6,057,327                         | PAT031821-US-CNT   |
| 6,683,084                         | PAT031821-US-DIV   |
| 6,051,579                         | PAT031822-US-CNT   |
| 6,846,927                         | PAT031824-US-CNT   |
| 7,355,043                         | PAT031824-US-CNT02 |
| 5,916,893                         | PAT031825-US-CIP   |
| 5,840,763                         | PAT031825-US-NP    |
| 6,489,330                         | PAT031826-US-CNT   |
| 7,045,525                         | PAT031827-US-PCT   |
| 6,410,055                         | PAT031828-US-DIV   |
| 6,242,008                         | PAT031828-US-PCT   |
| 6,765,007                         | PAT031829-US-PCT   |
| 6,514,980                         | PAT031830-US-DIV   |
| 6,806,375                         | PAT031839-US-DIV   |
| 6,555,685                         | PAT031839-US-PCT   |
| 6,437,125                         | PAT031840-US-PCT   |