502436494 07/29/2013

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Markus H. Frank | 01/23/2002 |
| Mohamed H. Sayegh | 01/26/2002 |

RECEIVING PARTY DATA

| Name: | The Brigham and Women's Hospital, Inc. | |
|-----------------|--|--|
| Street Address: | 75 Francis Street | |
| City: | Boston | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02115 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13938938 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | B0801.70347US06 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | Helen C. Lockhart |
| Signature: | /Helen C. Lockhart/ |
| Date: | 07/29/2013 |

Total Attachments: 2

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PATENT REEL: 030892 FRAME: 0086 CH \$40.00 13938

Assignment to The Brigham and Women's Hospital, Inc.

Applicant(s): Frank, et al.

Appl. No.:

09/873,409

Filed:

June 5, 2001

For:

A Gene Encoding a Multidrug Resistance Human P-Glycoprotein

Homologue on Chromosome 7p15-21 and Uses Thereof

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt of which is hereby acknowledged, I do hereby assign and transfer unto The Brigham and Women's Hospital, Inc. (hereinafter "BWH"), a not-for-profit organization of the State of Massachusetts, its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to BWH, its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to BWH, or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to BWH; make all rightful oaths; and generally do everything possible to aid BWH, its

Page 1 of 2

PATENT **REEL: 030892 FRAME: 0087** successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world.

Signature of Inventor Markus H. Frank

Date

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Signature of Inventor Mohamed H. Sayegh

1/26/02

Date

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RECORDED: 07/29/2013