PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4995258

NATURE OF CONVEYANCE: Corrective Assignment to correct the ASSIGNEE NAME TO "THE GENERAL HOSPITAL CORPORATION" previously recorded on Reel 037342 Frame 0366. Assignor(s) hereby confirms the ASSIGNEE NAME	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
IS "THE GENERAL HOSPITAL CORPORATION".		GENERAL HOSPITAL CORPORATION" previously recorded on Reel 037342 Frame 0366. Assignor(s) hereby confirms the ASSIGNEE NAME

CONVEYING PARTY DATA

Name	Execution Date
TOMOHIKO KAWATE	06/05/2014

RECEIVING PARTY DATA

Name:	THE GENERAL HOSPITAL CORPORATION
Street Address:	55 FRUIT STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02144

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14227372

CORRESPONDENCE DATA

Fax Number: (978)251-3973

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.

Email: rmeehan@elmorepatents.com

ELMORE PATENT LAW GROUP, P.C. Correspondent Name:

Address Line 1: 484 GROTON RD.

Address Line 4: WESTFORD, MASSACHUSETTS 01886

ATTORNEY DOCKET NUMBER:	4143.3005 US1 (KAWATE)
NAME OF SUBMITTER:	MAHREEN CHAUDHRY HODA-REG.#52,448
SIGNATURE:	/Mahreen Chaudhry Hoda/
DATE SIGNED:	06/07/2018

Total Attachments: 3

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> **PATENT** REEL: 046313 FRAME: 0593

503621411 12/21/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3668042

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOHIKO KAWATE	06/05/2014

RECEIVING PARTY DATA

Name:	MASSACHUSETTS GENERAL HOSPITAL
Street Address:	55 FRUIT STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02144

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14227372

CORRESPONDENCE DATA

Fax Number: (978)251-3973

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: (978)251-3509

Email: rmeehan@elmorepatents.com

Correspondent Name: ELMORE PATENT LAW GROUP, P.C.

Address Line 1: 484 GROTON RD.
Address Line 2: CAROLYN S. ELMORE

Address Line 4: WESTFORD, MASSACHUSETTS 01886

ATTORNEY DOCKET NUMBER:	4143.3005 US1
NAME OF SUBMITTER:	ROY P. ISSAC-REG.#58,165
SIGNATURE:	/Roy P. Issac/
DATE SIGNED:	12/21/2015

Total Attachments: 1

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PATENT REEL: 046313 FRAME: 0594

ASSIGNMENT

WHEREAS, I, Tomohiko Kewate, together with co-inventors, Deborah Hung, Sarah Stanley, Noriakie Iwase and Motohisa Shimizu, have invented a certain improvement in COMPOUNDS FOR THE TREATMENT OF MYCOBACTERIAL INFECTIONS. described in an application for Letters Patent of the United States, the specification of which:

(X) was filed on March 27, 2014 as Application No. 14/227,372 The General Hospital Corporation
WHEREAS, Massachusetta General Hospital, [hereinaliar "ASSIGNEE"), a hospital organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 55 Fruit Street, Boston, MA 02144 desires to acquire an interest therein in accordance with agreements duly entered into with ma; TV 05/31/2018

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application and all divisionals, renewals, and continuations thereof, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon and all reissues and extensions thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property including, without limitation, all applications for patents, utility models and designs which may be filed for said invention in any countries foreign to the United States together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the international Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed as may be applicable; and all forms of industrial property protection including, without limitation, patents, utility models, inventor's certificates, and designs which may be granted for said invention in any country foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby covenant and agree that I have full right to convey the entire interest herein assigned and that I have not executed, and will not execute, any agreement in conflict herewith;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, raissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to Issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I hereunto set my hand and seel the date set forth below. Inventor Conthe Will

	magneri a
	Tomohiko Kawata
State/Commonwealth	
of Maxachusells	
County of Millers	
Kawate proved to me through satisfactory e	
2 Julia L. Walies Notary Public	Notary Public LU: Lu: Lu: (print name)
My Commission Expires November 18, 2818	My Commission expires 11 / 18 / 2018

{//-- GENERAL --//&1&3/3005U81/00211732/v1}

RECORDED: 06/07/2018

PATENT

REEL: 046313 FRAME: 0595