503770433 04/06/2016 PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | NEW ASSIGNMENT | | | |
|--|-----------|---|---|--|--|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | | | |
| CONVEYING PARTY | ' DATA | | | | | |
| | | Name | Execution Dat | | | |
| Chongzhao Ran | | | 08/20/2015 | | | |
| Xueli Zhang | | | 08/23/2015 | | | |
| Anna Moore | | | 08/20/2015 | | | |
| RECEIVING PARTY | DATA | | | | | |
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| City: | Boston | Boston | | | | |
| State/Country: | MASSA | MASSACHUSETTS | | | | |
| Postal Code: | 02114 | 02114 | | | | |
| | | | | | | |
| PROPERTY NUMBERS Total: 1 Property Type | | Number | | | | |
| Application Number | | 14419985 | | | | |
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| CORRESPONDENC | E DATA | | | | | |
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| NAME OF SUBMITTER: | | CHRISTINE M. GRACE | CHRISTINE M. GRACE | | | |
| SIGNATURE: | | /Christine M. Grace/ | /Christine M. Grace/ | | | |
| DATE SIGNED: | | 04/06/2016 | | | | |
| Total Attachments: 5 | | | | | | |
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Attorney Docket No.: 29539-0073US1 / MGH 21812

ASSIGNMENT

MGH 21812.03

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For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, CHONGZHAO RAN, XUELI ZHANG, and ANNA MOORE, each individually assign to THE GENERAL HOSPITAL CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at 55 Fruit Street. Boston, MA 02114, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "CURCUMIN ANALOGS", and was filed in the United States Patent and Trademark Office on February 6, 2015, as application 14/419,985 (the "Application"). This Assignment assigns (a) the Application and all other applications that may be made

for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted

Rights, and any other rights assigned by this Assignment. We authorize the Assignee to apply for and pursue protection for any or all of the Subject

Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name. We represent and warrant that we have the right and power to make this Assignment and

that we have not made and will not make any other assignment that conflicts with this

We will communicate to the Assignee (or at the request of the Assignee to other parties) Assignment. all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

Assignment Page 1 of 5

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Chongzhao Ran

DATE: 08/2015

The Commonwealth of Massachusetts

Suffolk SS.



On this <u>20</u> day of <u>August</u>, 20<u>15</u>, before me, the undersigned notary public, personally appeared <u>Chongzhao Ran</u>, proved to me through satisfactory evidence of identification, which were <u>Drivers Lieense</u>, MA, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and

Notary Public







Assignment Page 2 of 5

Attorney Docket No.: 29539-0073US1 / MGH 21812

DATE: 8/23/15 2HANG Xueli Zhang

Witnessed by:

Name: X Das Zberg Name: Zorghi Cao

Date: 8/23/15 Date: 8123115

Assignment Page 3 of 5

.

Suno Auone

8/20/15 DATE:

Anna Moore

The Commonwealth of Massachusetts

Suffolk



SS.

On this 20 day of 4 and 4 day d public, personally appeared _______, proved to me through satisfactory evidence of identification, which were MGH Employee Jolenh health, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that <u>She</u> signed it voluntarily for its stated purpose.

Unsu Maria Low Notary Public





Assignment Page 4 of 5

The Assignee hereby acknowledges and accepts the foregoing assignment.

SS.

| Assignee: ' | THE GENERAL | HOSPITA | AL CORPORATION | | Λ | t and |
|-------------|---------------------------|-----------------------|-------------------------------------|---------|------------|----------|
| Signature: | _14 | 14 | ۰ ۱ | _ Date: | Maust | 27, 2015 |
| Name: | Brian Sr. Intellectual | J. Libby, Property | Ph.D., J.D. Manager Innovation | | | |
| | , Pa | مأسا مترسيس | althCaro | | 110 | 4.5 |
| Title: | in behad | Of. | The General | Hospic | tal Corpor | Tuffici- |

The Commonwealth of Massachusetts



| On this <u>27</u> day of <u>HVQV87</u> , 20 <u>15</u> before me, the undersigned notary |
|---|
| public, personally appeared Brian Libby, proved to me through |
| satisfactory evidence of identification, which were MA Drives () curve, to be |
| the person(s) whose name(s) is/are signed on the preceding or attached document, and |
| acknowledged to me that |

na plulose

Notary Public

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Assignment Page 5 of 5



PATENT REEL: 038200 FRAME: 0162

RECORDED: 04/06/2016