

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>RESUBMIT DOCUMENT ID:</b>	505308145
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDRE K AZAROFF	12/14/2018
STEVE SCHAEFER	12/14/2018
HOWARD ZEIGLER	12/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HM HEALTH SOLUTIONS INC.
<b>Street Address:</b>	120 FIFTH AVENUE
<b>City:</b>	PITTSBURGH
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15222
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15613442
<b>CORRESPONDENCE DATA</b>	
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<b>Phone:</b>	412-261-1600
<b>Email:</b>	ipdocket@leechtishman.com
<b>Correspondent Name:</b>	MICHAEL D. LAZZARA
<b>Address Line 1:</b>	525 WILLIAM PENN PLACE
<b>Address Line 2:</b>	28TH FLOOR
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15219
<b>ATTORNEY DOCKET NUMBER:</b>	HIM-26A
<b>NAME OF SUBMITTER:</b>	MICHAEL D. LAZZARA
<b>SIGNATURE:</b>	/Michael D. Lazzara/
<b>DATE SIGNED:</b>	09/12/2019
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

This Assignment is made by and between: ANDRE K. AZAROFF, residing at 2004 Nolt Road, Mount Joy, Pennsylvania 17552; STEVE SCHAEFER, residing at 149 College Park Drive, Monroeville, Pennsylvania 15146; and HOWARD ZEIGLER, residing at 885 King Street, Lewisberry, Pennsylvania 17339 ("Inventors"); and

HM HEALTH SOLUTIONS INC., a Pennsylvania non-profit corporation having a place of business at 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222 ("Assignee").

WHEREAS, a United States patent application entitled "GRAND UNIFIED PROCESSOR" has been filed on June 5, 2017 with the United States Patent and Trademark Office and has been assigned Serial No. 15/613,442, which claims priority to a previously filed United States provisional patent application entitled "GRAND UNIFIED PROCESSOR" filed on June 3, 2016 having Serial No. 62/345,136 (collectively, the "Applications");

WHEREAS, the Inventors have invented one or more inventions disclosed in the Applications (the "Inventions"), and Assignee, together with its successors and assigns, desires to acquire the entire right, title and interest in and to the Inventions and to the Applications;

NOW, THEREFORE, Inventors and Assignee agree as follows:

1. For valuable consideration from the Assignee to the Inventors, the receipt and adequacy of which are hereby acknowledged, and in accordance with existing agreements duly entered into with the Assignee, the Inventors hereby convey, transfer and assign to the Assignee, its lawful successors and assigns, the entire and exclusive right, title, and interest in and to the Applications and the Inventions and all patents that may be granted therefor in the United States and in all other countries, territories, and jurisdictions on a worldwide basis (collectively, the "International Jurisdictions"), and to all existing or future related applications, divisions, substitutes, renewals, reissues, continuations, conversions, re-examinations, extensions, and any resulting patents thereof in all International Jurisdictions for the full terms for which the same may be granted and any rights associated therewith, including, but not limited to, any and all royalties, profits, damages, fees, income, payments, and other proceeds now or hereafter due or payable, and to the right to claim benefit and priority from the Applications in all of the International Jurisdictions.
2. Each of the Inventors represents and warrants that he/she has the ability to convey all rights and interests herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that he/she will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.
3. Inventors authorize Assignee to file for and request that the United States Patent and Trademark Office and corresponding entities in each of the other International Jurisdictions to issue any and all patents resulting from any of the Applications to the Assignee.
4. This Assignment inures to the benefit of the Assignee and its successors, assigns, and other legal representatives, and is binding on the Inventors and their respective heirs, legal representatives, and assigns.

5. Inventors agree to take such steps and actions, and provide such cooperation and assistance to the Assignee and its successors, assigns, and legal representatives, in connection with the Inventions and the Applications, or for any inventions and discoveries derived therefrom, as may be necessary to effect, evidence, or perfect the Assignment to the Assignee or any assignee or successor thereto, including, but not limited to: the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers of attorney, documents in connection with claims or provisions of any applicable international intellectual property treaty or agreement, or other lawful papers; the execution and delivery of all documents necessary in connection with any administrative or judicial proceedings; and the provision of information and testimony and cooperation in every way in obtaining and producing evidence and prosecuting such proceedings.

6. This Assignment and any claim, controversy, dispute, or cause of action based upon or arising out of this Assignment and the transactions contemplated herein is governed by, and construed in accordance with, the laws of the United States and the Commonwealth of Pennsylvania, without giving effect to any choice or conflict of law provision or rule.

IN WITNESS WHEREOF, we have executed this Assignment on the dates indicated below:

Printed Name: ANDRE K. AZAROFF

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: STEVE SCHAEFER

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: HOWARD ZEIGLER

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

5. Inventors agree to take such steps and actions, and provide such cooperation and assistance to the Assignee and its successors, assigns, and legal representatives, in connection with the inventions and the Applications, or for any inventions and discoveries derived therefrom, as may be necessary to effect, evidence, or perfect the Assignment to the Assignee or any assignee or successor thereto, including, but not limited to: the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers of attorney, documents in connection with claims or provisions of any applicable international intellectual property treaty or agreement, or other lawful papers; the execution and delivery of all documents necessary in connection with any administrative or judicial proceedings; and the provision of information and testimony and cooperation in every way in obtaining and producing evidence and prosecuting such proceedings.

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Printed Name: ANDRE K. AZAROFF

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: STEVE SCHAEFER

Signature: *Steve Schaefer*

Date: 12-14-2018

Printed Name: HOWARD ZEIGLER

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

5. Inventors agree to take such steps and actions, and provide such cooperation and assistance to the Assignee and its successors, assigns, and legal representatives, in connection with the inventions and the Applications, or for any inventions and discoveries derived therefrom, as may be necessary to effect, evidence, or perfect the Assignment to the Assignee or any assignee or successor thereto, including, but not limited to: the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers of attorney, documents in connection with claims or provisions of any applicable international intellectual property treaty or agreement, or other lawful papers; the execution and delivery of all documents necessary in connection with any administrative or judicial proceedings; and the provision of information and testimony and cooperation in every way in obtaining and producing evidence and prosecuting such proceedings.

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Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: STEVE SCHAEFER

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: HOWARD ZEIGLER

Signature: Howard Zeigler

Date: 12/14/18