

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2621476

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sivakumar Nadarajah</td> <td>08/23/2013</td> </tr> <tr> <td>Sanmugam Aravinthan</td> <td>10/31/2013</td> </tr> <tr> <td>Kannan Ramamoorthy</td> <td>10/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sivakumar Nadarajah	08/23/2013	Sanmugam Aravinthan	10/31/2013	Kannan Ramamoorthy	10/31/2013		
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<table border="1"> <tr> <td>Name:</td> <td>IMS HEALTH INCORPORATED</td> </tr> <tr> <td>Street Address:</td> <td>83 WOOSTER HEIGHTS ROAD</td> </tr> <tr> <td>City:</td> <td>DANBURY</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06810</td> </tr> </table>		Name:	IMS HEALTH INCORPORATED	Street Address:	83 WOOSTER HEIGHTS ROAD	City:	DANBURY	State/Country:	CONNECTICUT	Postal Code:	06810
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CORRESPONDENCE DATA											
Fax Number:	(877)769-7945										
Phone:	(202) 626-6442										
Email:	apsi@fr.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	YAO WANG										
Address Line 1:	FISH & RICHARDSON P.C.										
Address Line 2:	P.O.BOX 1022										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022										
ATTORNEY DOCKET NUMBER:	37239-0101001										
NAME OF SUBMITTER:	PAMELA J. MORRIS										
Signature:	/Pamela J. Morris/										

Date:

11/20/2013

Total Attachments: 3

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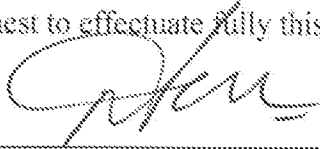
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ASSIGNMENT

For valuable consideration, we, SIVAKUMAR NADARAJAH of 4 Avery Ct., Bridgewater, NJ 08807, SANMUGAM ARAVINTHAN of 9 Dafrack Drive, Lake Hiawatha, NJ 07034, and KANNAN RAMAMOORTHY of 32 Meadow Brook Rd., Edison, NJ 08837, hereby assign to: IMS Health Incorporated, a corporation of Delaware having a place of business at: 83 Wooster Heights Road, Danbury, CT 06810; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SYSTEM AND METHOD FOR DETECTING DRUG ADVERSE EFFECTS IN SOCIAL MEDIA AND MOBILE APPLICATIONS DATA, filed August 23, 2013, and assigned U.S. Serial Number 13/974,756, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: _____



SIVAKUMAR NADARAJAH

Date: _____

SANMUGAM ARAVINTHAN

Date: _____

KANNAN RAMAMOORTHY

ASSIGNMENT

For valuable consideration, we, SIVAKUMAR NADARAJAH of 4 Avery Ct., Bridgewater, NJ 08807, SANMUGAM ARAVINTHAN of 9 Dafrack Drive, Lake Hiawatha, NJ 07034, and KANNAN RAMAMOORTHY of 32 Meadow Brook Rd., Edison, NJ 08837, hereby assign to: IMS Health Incorporated, a corporation of Delaware having a place of business at: 83 Wooster Heights Road, Danbury, CT 06810 ; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SYSTEM AND METHOD FOR DETECTING DRUG ADVERSE EFFECTS IN SOCIAL MEDIA AND MOBILE APPLICATIONS DATA, filed August 23, 2013, and assigned U.S. Serial Number 13/974,756, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: _____

SIVAKUMAR NADARAJAHDate: 10/31/2013_____
S. Aravinthan
SANMUGAM ARAVINTHAN

Date: _____

KANNAN RAMAMOORTHY

ASSIGNMENT

For valuable consideration, we, SIVAKUMAR NADARAJAH of 4 Avery Ct., Bridgewater, NJ 08807, SANMUGAM ARAVINTHAN of 9 Dafrack Drive, Lake Hiawatha, NJ 07034, and KANNAN RAMAMOORTHY of 32 Meadow Brook Rd., Edison, NJ 08837, hereby assign to: IMS Health Incorporated, a corporation of Delaware having a place of business at: 83 Wooster Heights Road, Danbury, CT 06810; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SYSTEM AND METHOD FOR DETECTING DRUG ADVERSE EFFECTS IN SOCIAL MEDIA AND MOBILE APPLICATIONS DATA, filed August 23, 2013, and assigned U.S. Serial Number 13/974,756, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: _____

SIVAKUMAR NADARAJAH

Date: _____

SANMUGAM ARAVINTHANDate: 10-31-2013R. Ramamoorthy

KANNAN RAMAMOORTHY