

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3222132

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CORRECT SPELLING OF INVENTORS NAME FROM HUGH ROBERT FAULKNER HIND TO HUGH ROBERT FAULKNER HIND previously recorded on Reel 034015 Frame 0903. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAJINDER MANKU	10/21/2014
OLEKSIY KRAVETS	10/21/2014
HUGH ROBERT FAULKNER HIND	11/10/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COGNITIVE SYSTEMS CORP.
<b>Street Address:</b>	485 WES GRAHAM WAY
<b>Internal Address:</b>	3RD FLOOR
<b>City:</b>	WATERLOO, ON
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	N2L 0A7
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14521173
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>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.</i>	
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	FISH & RICHARDSON P.C.
<b>Address Line 1:</b>	P.O. BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	40067-0003001
<b>NAME OF SUBMITTER:</b>	SUSAN C. JOHNSON
<b>SIGNATURE:</b>	/Susan C. Johnson/
<b>DATE SIGNED:</b>	02/11/2015
<b>Total Attachments: 7</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3077416

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAJINDER MANKU	10/21/2014
OLEKSIY KRAVETS	10/21/2014
HUGH ROBERT FAULKER HIND	10/21/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COGNITIVE SYSTEMS CORP.
<b>Street Address:</b>	485 WES GRAHAM WAY
<b>Internal Address:</b>	3RD FLOOR
<b>City:</b>	WATERLOO, ON
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	N2L 0A7
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14521173
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>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.</i>	
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	FISH & RICHARDSON P.C.
<b>Address Line 1:</b>	P.O. BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	40067-0003001
<b>NAME OF SUBMITTER:</b>	SUSAN C. JOHNSON
<b>SIGNATURE:</b>	/Susan C. Johnson/
<b>DATE SIGNED:</b>	10/23/2014
<b>Total Attachments: 4</b>	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, TAJINDER MANKU, OLEKSIY KRAVETS, and HUGH ROBERT FAULKER HIND, each individually assign to COGNITIVE SYSTEMS CORP., a corporation formed under the laws of and having a principal place of business at 485 Wes Graham Way, 3rd Floor, Waterloo, Ontario N2L0A7, CANADA, 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 "PRESENTING WIRELESS-SPECTRUM USAGE INFORMATION", and was filed in the United States Patent and Trademark Office on October 22, 2014, as application 14/521,173 (the "Application"). We authorize the insertion of the filing date and application number above.

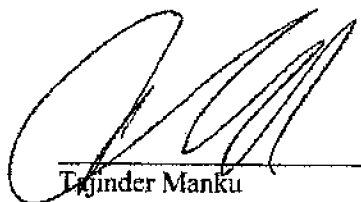
This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country 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 Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) 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 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.

  
Tejinder Manku


Date: Oct 21/2014

Witnessed by:

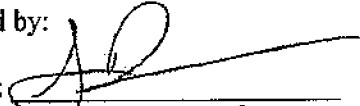
Signature: 

Date: Oct 21/2014

Print Name: Don Dattani

  
\_\_\_\_\_  
Oleksiy Kravets

Date: 21 Oct 2014

Witnessed by: \_\_\_\_\_  
Signature:   
Print Name: Stephen Devisan

Date: OCT 21/2014

H.R. Hind  
Hugh Robert Faulker Hind  
FAULKNER Hind  
10 Nov 2014

Date: 21 Oct 2014 .

Witnessed by:

Signature: Petra Polli  
Print Name: Petra Polli

Date: 21 Oct 2014