504042390 10/08/2016

EPAS ID: PAT4089051

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CLAUDE ROBITAILLE	07/17/2012
PIERRE BOUFFARD	07/17/2012

RECEIVING PARTY DATA

Name:	ACCEDIAN NETWORKS INC.		
Street Address:	2351 ALFRED-NOBEL BLVD., SUITE N-410		
City:	SAINT-LAURENT, QC		
State/Country:	tate/Country: CANADA		
Postal Code:	H4S 2A9		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15289137

CORRESPONDENCE DATA

Fax Number: (312)977-4405

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: crivera@nixonpeabody.com STEPHEN G. RUDISILL Correspondent Name:

Address Line 1: 70 WEST MADISON STREET, SUITE 3500

Address Line 2: NIXON PEABODY LLP Address Line 4: CHICAGO, ILLINOIS 60602

ATTORNEY DOCKET NUMBER: 268665-000021USC2 STEPHEN G. RUDISILL NAME OF SUBMITTER: SIGNATURE: /Stephen G. Rudisill/ **DATE SIGNED:** 10/08/2016

Total Attachments: 2

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> **PATENT** REEL: 039970 FRAME: 0041 504042390

ASSIGNMENT

WHEREAS we, the below named inventors, (hereinafter referred to as Assignors), have contributed to an invention entitled:

SYSTEMS AND METHODS OF USING BEACON MESSAGES TO DISCOVER DEVICES ACROSS SUBNETS

for which we filed the attached United States Patent Application; and

WHEREAS, Accedian Networks Inc. of 2351 Alfred-Nobel blvd., Suite N-410, Saint-Laurent, Quebec, Canada H4S 2A9 (hereinafter referred to as Assignee), is desirous of securing our entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the United States Patent Application for this invention;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this application, and all applications claiming priority on the basis of such application, and all divisions and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHER	EOF, we have he	ereunto set my ha	and)		
Date 2012/7/17	Signature:	aucle K	Marks	-	
' /	Name: Cl	aude Robitaille \	<u> </u>		
	Address: 24	Maude, St-Placi	ide, Quebec, JOV 2B0	CANADA	
This Assignment should not, then the execution by the Assignment should not, then the execution by the Assignment should not, then the execution by the Assignment should not have a subject to the execution of t	ignor should be w				If

1 of 2

ATTORNEY DOCKET NO.: 268665-000021USPT

IN TESTIMONY WHER	EOF, we have hereunto set my hand.
Date <u>2012/7//7</u>	Signature: Name: Pierre Bouffard Address: 3066 Valerie, Ste-Marthe-sur-Lac, Quebec, J0N 1P0 CANADA
	preferably be acknowledged before a United States Consul or Notary Public. It gnor should be witnessed by at least two other persons who should sign here.
Witness CARLO Fig	SANZA Signature
Witness Andrew Tor	sesce Signature Johnson Johnson
Witness	Signature