11/21/2018 505201009

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTINO M. FREDA	10/28/2018
GHYSLAIN PELLETIER	10/28/2018
PAUL MARINIER	10/26/2018
DIANA PANI	10/26/2018
BENOIT PELLETIER	10/26/2018

RECEIVING PARTY DATA

Name:	IDAC HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY
Internal Address:	SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16087678

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	I5GSYS_13012US02
NAME OF SUBMITTER:	MARISSA ANTONELLI
SIGNATURE:	/Marissa Antonelli/
DATE SIGNED:	11/21/2018

PATENT REEL: 047560 FRAME: 0306 505201009

Total Attachments: 7 source=13012US02 - Fully Executed Assignment#page1.tif source=13012US02 - Fully Executed Assignment#page2.tif source=13012US02 - Fully Executed Assignment#page3.tif source=13012US02 - Fully Executed Assignment#page4.tif source=13012US02 - Fully Executed Assignment#page5.tif source=13012US02 - Fully Executed Assignment#page6.tif source=13012US02 - Fully Executed Assignment#page7.tif

PATENT REEL: 047560 FRAME: 0307 Docket No.: ISGSYS_13012US02

PATENT ASSIGNMENT

WHEREAS, We,

- Martino M. Freda
 Laval, Quebec
 Canada
- 3. Paul Marinier Brossard, Quebec Canada
- 5. Benoit Pelletier Roxboro, Quebec Canada

- 2. Ghyslain Pelletier Montreal, Quebec Canada
- 4. Diana Pani Montreal, Quebec Canada

(hereinafter "Assignor(s)"), are joint inventor(s) of certain inventions or improvements set forth in United States Patent Application No. 16/087,678, filed September 24, 2018, entitled:

HANDLING USER PLANE WIRELESS SYSTEMS

("Patent Application"); and

WHEREAS, IDAC Holdings, Inc., a Delaware corporation having a place of business at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in, to and under the Patent Application; the inventions, discoveries and improvements disclosed or claimed therein ("Inventions"); and any and all patents, certificates of invention, utility models and other forms of protection which may be granted thereon or as a result thereof in any and all countries ("Patents").

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the undersigned Assignor(s), hereby agree to sell, assign, transfer and convey, and by these presents do sell, assign, transfer and convey to Assignee, our entire right, title and interest in and to any and all of the following:

- i. the Patent Application, the Inventions and the Patents, for the United States, its possessions and territories and all foreign countries and territories;
- ii. the rights of priority created by the Patent Application and the Patents under any treaty relating thereto, including the rights to apply for Patents covering the Inventions in any and all countries;
- iii. any and all patent applications and Patents resulting from the Patent Application or covering the Inventions in any and all countries, including provisionals, non-provisionals, divisionals, continuations, continuations-in-part, renewals, substitutions, extensions, reissues and re-examinations thereof;
- iv. all past, present and future causes of action and enforcement rights, whether currently pending, filed or otherwise, in connection with the Patent Application, the Inventions, the Patents, or the patents and patent applications resulting therefrom, including without limitation, all rights to sue for any past, present or future infringements thereof,

PATENT REEL: 047560 FRAME: 0308 including the rights to license and to collect and receive any damages, royalties, injunctive relief, and/or any other settlements or remedies for such infringements, and including any provisional rights having arisen from any publication of the Patent Application or any patent application resulting therefrom;

the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor(s), if this Assignment and sale had not been made.

AND for the aforesaid consideration Assignor(s) hereby covenant, agree and undertake to execute and deliver to Assignee, its successors, assigns, nominees, or legal representatives, whenever requested and without undue delay, all patent applications, assignments, oaths and any other papers which Assignee may deem necessary or desirable for securing to or maintaining for the Assignee the Patent Application, the Patents and the Inventions hereby assigned, and each of the undersigned Assignor(s) agrees to communicate to Assignee or to its nominee all known facts respecting the Patent Application, the Patents and the Inventions, to testify in any legal or administrative proceeding related thereto, and generally to cooperate with and do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for their own benefit proper patent protection for the Inventions in any and all countries, all without further compensation to the undersigned Assignor(s).

AND Assignor(s) hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as Assignee of the entire right, title and interest, any and all Patents for the Inventions that may be issued and granted on or as a result of the Patent Application, in accordance with the terms of this assignment.

AND Assignor(s) hereby authorize Assignce or Assignce's representative to insert the application number and/or filing date of the Patent Application if they are unknown at the time of execution of this Assignment.

AND Assignor(s) hereby covenant that Assignor(s) have full right to convey the entire interest herein assigned, and that Assignor(s) have not executed and will not execute any agreement in conflict herewith.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize Assignee or Assignee's representative to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

<u>() (</u>	1 3018	Martino M. F	reda		
Signed at(Cit	<u>(</u>	<u> </u>	Can	6168	<u>-</u>
STATEMENT O	F WITNESS: I,	Name of Witn		4230	
whose full address	2.8	Sherbrooke St. \ MTL, QC Genad Address of Wi	s HOA 3G4		
was personally pre	sent and did see Marti : 30 and	no M. Freda exec	oute this Ass	signment on the	<u> </u>
person described h					
		Signati	ure of Witne	6 () / 3 / 2 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3	

<u>U 64,28,38</u>	318 NALL			
Date Ghyslain Pelletier				
Signed at(City and Cour	ntry)			
STATEMENT OF WITNES	S: I, Donne of Witness			
whose full address is:	1000 Sherbrooke St. West, 10th Floor • MTL, QC Caneda HSA 304 Address of Witness			
was personally present and did	I see Ghyslain Pelletier execute this Assignment on the			
person described herein.				
	Signature of Witness			

PATENT ASSIGNMENT Docket No.: ISGSYS_13012US02

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Date		Paul Mai		A commence	vin
Signed at	(City and Country)	0(anala		
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, a 2 x x xxxxx aax2 x x		Name of 30 Sherbrook	***************************************	Floor	
vhose full addr	ess is:	Address (of Witness		
vas personally	present and did see Paul	Marinier exe	cute this Assignn	nent on the) (-
ay of <u>CC</u>	20 $^{\circ}$ $^{$	d such Assigne	or is personally ki	nown to me to b	e the
erson describe	d herein.				
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PATENT ASSIGNMENT Docket No.: ISGSYS_13012US02		
<u>OCESIC De</u> BOLP	Diana Pani	
Signed at(City and Country)	OKEOHOC COCOS	
STATEMENT OF WITNESS: I	Name of Witness 1000 Sherbrooks St. Visot, 10th Floor MTL, QC, Canada H3A 3G4	
whose full address is:		
was personally present and did second control (20), 20 person described herein.	Diana Pani execute this Assignment on the O	_day of the
	Signature of Witness	~
	The Brokening in soil	

PATENT ASSIGNMENT