

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7956465

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHELLE PERRAS	08/06/2019
SAAD AHMAD	07/23/2019
ALEC BRUSILOVSKY	07/23/2019
SAMIR FERDI	07/22/2019
KHALID ANWAR	11/19/2020
RECEIVING PARTY DATA	
Name:	IDAC HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY, SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18118210
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	13022813600
Email:	docketing@interdigital.com
Correspondent Name:	INTERDIGITAL
Address Line 1:	200 BELLEVUE PARKWAY, SUITE 300
Address Line 4:	WILMINGTON, DELAWARE 19809
ATTORNEY DOCKET NUMBER:	2018P00510 US01
NAME OF SUBMITTER:	JEROME G. SCHAEFER
SIGNATURE:	/Jerome G Schaefer/
DATE SIGNED:	05/16/2023
Total Attachments: 11	
source=2018P00510WO_Executed_Substitute_Statement_-_Anwar#page1.tif	

source=2018P00510WO_Executed_Substitute_Statement_-_Anwar#page2.tif
source=2018P00510WO_Executed_Substitute_Statement_-_Anwar#page3.tif
source=2018P00510WO-20190911-14332WO01_Executed_Assignment_-_Perras,_Ahmad,_Brusilovsky,_Ferdinand#page1.tif
source=2018P00510WO-20190911-14332WO01_Executed_Assignment_-_Perras,_Ahmad,_Brusilovsky,_Ferdinand#page2.tif
source=2018P00510WO-20190911-14332WO01_Executed_Assignment_-_Perras,_Ahmad,_Brusilovsky,_Ferdinand#page3.tif
source=2018P00510WO-20190911-14332WO01_Executed_Assignment_-_Perras,_Ahmad,_Brusilovsky,_Ferdinand#page4.tif
source=2018P00510WO-20190911-14332WO01_Executed_Assignment_-_Perras,_Ahmad,_Brusilovsky,_Ferdinand#page5.tif
source=2018P00510WO-20190911-14332WO01_Executed_Assignment_-_Perras,_Ahmad,_Brusilovsky,_Ferdinand#page6.tif
source=2018P00510WO-20190911-14332WO01_Executed_Assignment_-_Perras,_Ahmad,_Brusilovsky,_Ferdinand#page7.tif
source=2018P00510WO-20190911-14332WO01_Executed_Assignment_-_Perras,_Ahmad,_Brusilovsky,_Ferdinand#page8.tif

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	PROCEDURES ENABLING PRIVACY FOR WTRUs USING PC5 COMMUNICATION		
This statement is directed to:			
<input type="checkbox"/> The attached application,			
OR			
<input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/US2019/036341</u> filed on <u>June 10, 2019</u>			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Khalid Anwar			
Residence (except for a deceased or legally incapacitated inventor):			
City	State	Country	
Montreal	Quebec	CA	
Mailing Address (except for a deceased or legally incapacitated inventor):			
807-3600 Av Du Parc			
City	State	Zip	Country
Montreal	Quebec	H2X 3R4	CA
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input type="checkbox"/> Assignee,			
<input checked="" type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- Inventor is deceased,
- Inventor is under legal incapacity,
- Inventor cannot be found or reached after diligent effort, or
- Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:


- An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.
- OR
- An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **Christos A. Ioannidi** Date (Optional):

Signature: 

APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Applicant Name: **IDAC Holdings, Inc.**
 Title of Person Executing This Substitute Statement: **Senior Patent Executive**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City **Wilmington** State **DE** Country **US**

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

200 Bellevue Parkway
 Suite 300

City **Wilmington** State **DE** Zip **19809** Country **US**

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Docket No.: VK14332WO01

PATENT ASSIGNMENT

WHEREAS, I/We,

- | | |
|---|--|
| <p>1. Michelle Perras
Montreal, Quebec
Canada</p> <p>3. Saad Ahmad
Montreal, Quebec
Canada</p> <p>5. Samir Ferdi
Kirkland, Quebec
Canada</p> | <p>2. Khalid Anwar
Montreal, Quebec
Canada</p> <p>4. Alec Brusilovsky
Downingtown, Pennsylvania
United States of America</p> |
|---|--|

(hereinafter "Assignor(s)"), are sole/joint inventor(s) of certain inventions or improvements set forth in International Patent Application No. **PCT/US2019/036341**, filed **June 10, 2019**, entitled:

PROCEDURES ENABLING PRIVACY FOR WTRUs USING PC5 COMMUNICATION (“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, I/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;

PATENT ASSIGNMENT

Docket No.: VK14332WO01

- 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, 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 Assignee or Assignee'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.

PATENT ASSIGNMENT
Docket No.: VK14332WO01

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we/I 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/I have hereunto set our hands and seals.

PATENT ASSIGNMENT
Docket No.: VK14332WO01

8/6/2019

Date

DocuSigned by:
Michelle Perras
DEB490A7107F4B8...

Michelle Perras

Montreal, Canada

Signed at

(City and Country)

PATENT ASSIGNMENT
Docket No.: VK14332WO01

Date

Khalid Anwar

Signed at _____
(City and Country)

STATEMENT OF WITNESS: I, _____
Name of Witness

whose full address is: _____
Address of Witness

was personally present and did see **Khalid Anwar** execute this Assignment on the _____
day of _____, 20__ and such Assignor is personally known to me to be the
person described herein.

Signature of Witness

PATENT ASSIGNMENT
Docket No.: VK14332WO01

7/23/2019

Date

DocuSigned by:
Saad Ahmad
FB98BC97362E4C3...

Saad Ahmad

Montreal Canada

Signed at

(City and Country)

PATENT ASSIGNMENT
Docket No.: VK14332WO01

7/23/2019

DocuSigned by:
Alec Brusilovsky
EBE0049F130440E...

Date

Alec Brusilovsky

Signed at _____

Conshohocken, USA

(City and Country)

PATENT ASSIGNMENT
Docket No.: VK14332WO01

7/22/2019

DocuSigned by:
Samir Ferdi
8BFEC579BF1F41C...

Date

Samir Ferdi

Signed at

Montreal, Canada

(City and Country)