

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7646185

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL MARINIER	02/01/2019
TAO DENG	12/14/2018
BENOIT PELLETIER	02/01/2019
J. PATRICK TOOHER	02/01/2019
GHYSLAIN PELLETIER	02/01/2019
VIRGIL COMSA	02/01/2019
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:	17558428
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>	
Email:	docket@inventionmine.com
Correspondent Name:	INVENTION MINE LLC
Address Line 1:	115 E. OGDEN AVE
Address Line 2:	SUITE 105-348
Address Line 4:	NAPERVILLE, ILLINOIS 60563
ATTORNEY DOCKET NUMBER:	2016P00407 US01
NAME OF SUBMITTER:	ROBERT J. IRVINE III
SIGNATURE:	/Robert J. Irvine III/
DATE SIGNED:	11/15/2022

Total Attachments: 8

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PATENT ASSIGNMENT

WHEREAS, I/We,

- | | |
|---|---|
| 1. Paul Marinier
Brossard, QC
Canada | 2. Tao Deng
Roslyn, NY
United States of America |
| 3. Benoit Pelletier
Roxboro, QC
Canada | 4. J. Patrick Tooher
Montreal, QC
Canada |
| 5. Ghyslain Pelletier
Montreal, QC
Canada | 6. Virgil Comsa
Montreal, QC
Canada |

(hereinafter "Assignor(s)"), are sole/joint inventor(s) of certain inventions or improvements set forth in United States Patent Application No. 16/097,781, filed October 30, 2018, entitled:

SYSTEMS AND METHODS FOR BEAMFORMED UPLINK TRANSMISSION ("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;
- 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.

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.: IDC-13096US02

February 1, 2019
Date

Paul Marinier
Paul Marinier

Signed at Montreal, QC, Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonnie Lazzaro
Name of Witness

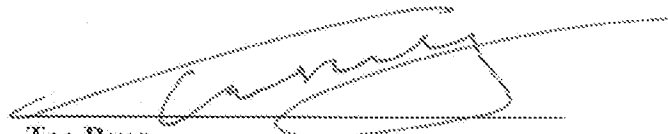
1000 Sherbrooke St. West, 12th Floor
MTL, QC Canada H3A 3G4

whose full address is: _____
Address of Witness

was personally present and did see **Paul Marinier** execute this Assignment on the 1 day of
February, 2019 and such Assignor is personally known to me to be the
person described herein.

Bonnie Lazzaro
Signature of Witness

12-14-18
Date


Tao Deng

MELVILLE, NEW YORK USA

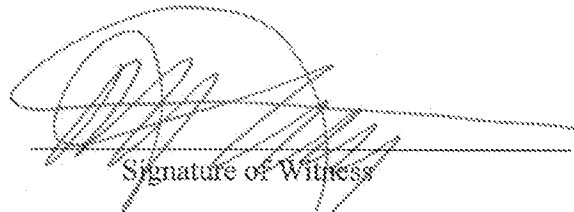
Signed at _____
(City and Country)

STATEMENT OF WITNESS: I, M. Gary Lopez
Name of Witness

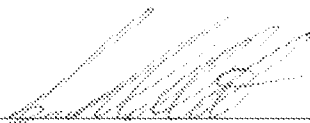
3 HUNTINGTON QUADRANGLE
4TH FLOOR/SOUTH WING
MELVILLE, NY 11747 USA

whose full address is: _____
Address of Witness

was personally present and did see **Tao Deng** execute this Assignment on the 14 day of
December, 2018 and such Assignor is personally known to me to be the
person described herein.


Signature of Witness

February 1, 2019
Date


Benoit Pelletier

Signed at Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonnie Lazare
Name of Witness

1000 Sherbrooke St. West, 10th Floor
Montreal, Quebec H3A 2B4
whose full address is: _____
Address of Witness

was personally present and did see Benoit Pelletier execute this Assignment on the 1
day of February, 2019 and such Assignor is personally known to me to be the
person described herein.


Signature of Witness

PATENT ASSIGNMENT
Docket No.: IDC-13096US02

February 1, 2018
Date

J. Patrick Tooher
J. Patrick Tooher

Signed at Montreal, Qc Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonnie Lazzaro
Name of Witness

1000 Sheppard Ave. E., 10th Floor
Toronto, ON Canada M2A 2B4

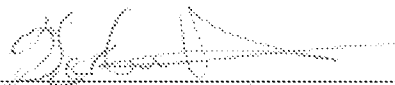
whose full address is: _____
Address of Witness

was personally present and did see J. Patrick Tooher execute this Assignment on the _____
day of February, 2018 and such Assignor is personally known to me to be the
person described herein.

Bonnie Lazzaro
Signature of Witness

PATENT ASSIGNMENT
Docket No.: IDC-13096US02

February 1, 2019
Date


Ghyslaine Pelletier

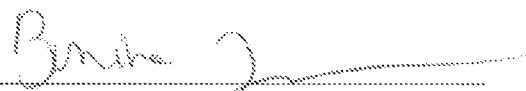
Signed at Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonnie Lazare
Name of Witness

1000 Shadbrooke Dr. West, 10th Floor
MTL, QC Canada H3A 3G4

whose full address is: _____
Address of Witness

was personally present and did see **Ghyslaine Pelletier** execute this Assignment on the 1
day of February, 2019 and such Assignor is personally known to me to be the
person described herein.


Signature of Witness

PATENT ASSIGNMENT
Docket No.: IDC-13096US02

February 1, 2018
Date

Virgil Comsa
Virgil Comsa

Signed at Montreal, QC Canada
(City and Country)

STATEMENT OF WITNESS: I, Bonina Lazzaro
Name of Witness

1000 Sherbrooke St. West, 10th Floor
MTL, QC H3A 2R4 CANADA
whose full address is: Address of Witness

was personally present and did see Virgil Comsa execute this Assignment on the 1 day of
February, 2018 and such Assignor is personally known to me to be the
person described herein.

Bonina Lazzaro
Signature of Witness