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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS SHAOFENG SUN	07/18/2018
XIAOYAO QIAN	07/18/2018
HERVAL FREIRE DE ALBUQUERQUE JUNIOR	07/19/2018
RUI ZHANG	07/18/2018

RECEIVING PARTY DATA

Name:	NAD GRID CORP
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16049800

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	NADGRID-P01
NAME OF SUBMITTER:	BRIAN LAO
SIGNATURE:	/Brian Lao/
DATE SIGNED:	07/30/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 046506 FRAME: 0124

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ASSIGNMENT AND DECLARATION Title: METHOD AND SYSTEM FOR FACILITATING ELECTRICITY SERVICES Attorney Docket No. NADGrid-P01 Page 1 of 3

ASSIGNMENT AND DECLARATION

(Patent Application)

We [I], the undersigned, hereby declare that we [I], are each [am] an original inventor, or an original joint inventor, and have invented certain inventions, subject matter, and improvements disclosed and claimed in a utility (provisional or non-provisional), design patent application, or other patent application entitled

"METHOD AND SYSTEM FOR FACILITATING ELECTRICITY SERVICES"

the application of which is provided with this Assignment and identified by the Attorney Docket No. above. (Serial No. 16049800 filed on 30-JUL-2018)

We [I] hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which we [I] hereby acknowledge, we [I]:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to NAD Grid Corp, having a principal place of business at 20725 Valley Green Drive, Cupertino, CA 95014 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, and all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) the right to claim priority to the above-referenced patent application, and any and all applications referenced in subsection (b); and
 - (d) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority

ASSIGNMENT AND DECLARATION Title: METHOD AND SYSTEM FOR FACILITATING ELECTRICITY SERVICES Attorney Docket No. NADGrid-P01 Page 2 of 3

to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

- (e) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us [me], as well as our [my] heirs, legal representatives, and assigns.
- 5. Promise and affirm that we [I] have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize Growth IP to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside our [my] signatures [signature].

Signature:	/ Thomas Shaofing Sur	/ Date:	7/18/2018 11:23:55 AM	PDT
	Thomas Shaofeng Sun			
Signature:	<u>/</u>	/ Date:		
	Gustavo Oscar Collantes			
Signature:		/ Date:	7/18/2018 11:34:28 AM	I PDT
	Xiaoyao Qian			

RECORDED: 07/30/2018

ASSIGNMENT AND DECLARATION Title: METHOD AND SYSTEM FOR FACILITATING ELECTRICITY SERVICES Attorney Docket No. NADGrid-P01 Page 3 of 3

Signature: / Herval Freire de Albuquerque Junior /Date: 7/19/2018 12:38:28 PM PDT

Herval Freire de Albuquerque Junior

Signature: / Kui Zhang /Date: 7/18/2018 11:25:17 AM PDT

Rui Zhang