503784487 04/14/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAJEEV TIWARI	04/14/2016
RAFAEL VILLANUEVA	04/14/2016

RECEIVING PARTY DATA

Name:	CONTEC, LLC
Street Address:	1023 STATE STREET
City:	SCHNECTADY
State/Country:	NEW YORK
Postal Code:	12307

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15099384

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ATTORNEY DOCKET NUMBER:	39CD-229318
NAME OF SUBMITTER:	CARINA M. TAN
SIGNATURE:	/Carina M. Tan/
DATE SIGNED:	04/14/2016

Total Attachments: 2

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PATENT 503784487 REEL: 038439 FRAME: 0075

ASSIGNMENT

(1-8)Insert Names of Inventors	(1) Rajeev Tiwari (2) Rafael Villanueva
For good and valuable consideration hereby do sell, assign, transfer and	n, receipt of which is hereby acknowledged, the undersigned agree to and set over to:
(9) Insert Name of Assignee	(9) Contec. LLC
(10) Insert Entity Type and State of Formation	(10) a Delaware corporation
(11) Insert Address of Assignee	(11) located at 1023 State Street, Schnectady, NY 12307 (hereinafter designated as the Assignee) the emire worldwide right, title, and interest in and to all inventions and subject matter contained in
(12) Insert Identification of Invention	(12) An Automated Network-Based Test System for Set Top Box Devices (Docket No. 39CD-229318, Serial No), for which an application for patent has been filed / is being filed on even date herewith in the United States
(13) Insert Date of Filing of Application	and in any and all patent applications that have been filed or shall be filed in the United States and in all foreign countries that contain or are amended to contain therein claims to any of said inventions or subject matter (whether said patent applications are related or unrelated by right of priority), including any and all continuations, divisions, substitutes, reexaminations, reissues, continuations-in-part and extensions; and in any and all patents and legal protections that have been obtained or shall be obtained in the United States and in all foreign countries for said inventions or subject matter, and in any and all causes of action, past and future, and damages accruing in connection therewith.

- 1) The undersigned agree to execute all papers necessary or deemed expedient by the Assignee, including all oaths, declarations, assignments, and powers of attorney, in connection with the application, with any and all patent applications that have been filed or shall be filed in the United States and in all foreign countries that contain or are amended to contain therein any of said inventions or subject matter (whether said patent applications are related or unrelated by right of priority), including any and all continuations, divisions, substitutes, reexaminations, reissues, and extensions, with any and all patents and legal protections that have been obtained or shall be obtained in the United States and in all foreign countries, and with any and all causes of action, past and future, and damages accruing in connection therewith.
- 2) The undersigned agree to execute all papers necessary in connection with any interference, derivative proceeding, reexamination, opposition, post grant proceeding, and any other legal proceeding or cause of action which may be declared concerning this application, any and all patent applications that have been filed or shall be filed in the United States and in all foreign countries that contain or are amended to contain therein any of said inventions or subject matter (whether said patent applications are related or unrelated by right of priority), including any and all continuations, divisions, substitutes, reexaminations, reissues, and extensions, and any and all patents and legal protections that have been obtained or shall be obtained in the United States and in all foreign countries, and to cooperate with the Assignee in every way possible in obtaining evidence, including evidence of conception, reduction to practice and/or inventorship as needed.

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Docket No. 39CD-229318

- 3) The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of any valid United States patent or patent in any foreign country to the Assignee.
- 5) The undersigned hereby authorize and request the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents to the Assignee, its successors and assigns, as Assignee of the entire right, title and interest resulting from said application, and any and all patent applications that have been filed or shall be filed in the United States and in all foreign countries that contain or are amended to contain therein any of said inventions or subject matter (whether said patent applications are related or unrelated by right of priority), including any and all continuations, divisions, substitutes, reexaminations, reissues, and extensions, and hereby covenants that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.
 - 6) The undersigned hereby grant

Carina M. Tan, Reg. No. 45,769; Marc A. Sockol, Reg. No. 40,823; James W. Soong, Reg. No. 40,824; Daniel C. Kloke, Reg. No. 58,417; William F. Ahmann, Reg. No. 52,548; Mukund H. Sharma, Reg. No. 64,692; Ryan P. Davis, Reg. No. 68,412; David D. Shen, Reg. No. 63,116; Siraj Husain, Reg. No. 69,111, Benjamin E. Berman, Reg. No. 61,507, Kawon Lee, Reg. No. 68,246, and all attorneys and agents associated with Customer No. 69849

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>04/14/14</u>

Rajedy Trwari

Date: 4/14/16

San Sal Tolland

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RECORDED: 04/14/2016