## 502863240 06/23/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2909837

| SUBMISSION TYPE:                    |            |                                    | NEW ASSIGNMENT   |             |                 |  |
|-------------------------------------|------------|------------------------------------|--|-------------|-----------------|--|
| NATURE OF CONVEYANCE:               |            |                                    | ASSIGNMENT   |             |                 |  |
| CONVEYING PARTY                     | DATA       |                                    |  |             |                 |  |
|                                     |            |                                    | Name   |             | Execution Date  |  |
| DHADESUGOOR R. VAMAN                |            |                                    |  |             | 06/23/2014      |  |
| ROBERT C. LACOVARA                  |            |                                    |  |             | 06/23/2014      |  |
| RECEIVING PARTY D                   | ΟΑΤΑ       |                                    |  |             |                 |  |
| Name:                               | DIGITA     | DIGITAL COMPRESSION TECHNOLOGY LLC |  |             |                 |  |
| Street Address:                     | 150 E.     | 150 E. 52ND. STREET                |  |             |                 |  |
| Internal Address:                   | SUITE      | SUITE 2703                         |  |             |                 |  |
| City:                               | NEW Y      | NEW YORK                           |  |             |                 |  |
| State/Country:                      | NEW Y      | NEW YORK                           |  |             |                 |  |
| Postal Code:                        | 10022      | 10022                              |  |             |                 |  |
| Property Type   Application Number: |            | 14312                              | 4312072  |             |                 |  |
| Application Number:1                |            | 14312                              | 2072   |             |                 |  |
| CORRESPONDENCE<br>Fax Number:       | DATA       | (010)                              | 700 0000   |             |                 |  |
|                                     | be sent to | • •                                | 732-3232<br><b>e-mail address first; if that is un</b>     | successful. | it will be sent |  |
| using a fax number,                 |            | d; if th                           | nat is unsuccessful, it will be sei                        |             |                 |  |
|                                     |            |                                    | 732-3200   |             |                 |  |
|                                     |            |                                    | s@clm.com<br>3Y BABU VARGHESE                              |             |                 |  |
|                                     |            |                                    | RTER LEDYARD & MILBURN LLP                                 |             |                 |  |
|                                     |            |                                    | ALL STREET   |             |                 |  |
| Address Line 4:                     |            |                                    | YORK, NEW YORK 10005                                       |             |                 |  |
| ATTORNEY DOCKET                     | NUMBER:    |                                    | DIG08.053  |             |                 |  |
| NAME OF SUBMITTER:                  |            |                                    | LIBBY BABU VARGHESE  |             |                 |  |
| IGNATURE:                           |            |                                    | /Libby Babu Varghese/                                      |             |                 |  |
| DATE SIGNED:                        |            |                                    | 06/23/2014   |             |                 |  |
|                                     |            |                                    | This document serves as an Oath/Declaration (37 CFR 1.63). |             |                 |  |
| Total Attachments: 3                |            |                                    | 1  |             |                 |  |
| source=DIG08_053_As                 | -          |                                    |  |             |                 |  |
| source=DIG08_053_As                 | signment#  | page2                              | 2.tif  |             |                 |  |

PATENT REEL: 033159 FRAME: 0249

## ASSIGNMENT

THIS ASSIGNMENT, by Dhadesugoor R. Vaman and Robert C. Lacovara (hereinafter referred to as Assignors), residing at 10511 Flaxen Manor Court, Spring, TX 77379 and 1779 Mountain Road, Afton, VA 22920, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in set forth in a provisional Patent application for Letters Patent of the United States, entitled <u>USE OF NEURAL</u> <u>NETWORK BASED MATCHED FILTER FOR FAST RESPONSE TIME IN HIGH-SPEED</u> <u>COMMUNICATIONS CHANNELS</u>, filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_; and

WHEREAS, Digital Compression Technology, LLC of 150 E. 52<sup>nd</sup> Street, Suite 2703, New York, NY 10022 (herein referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and said Patent Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged. Assignors, hereby sell, assign, transfer and set over and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, or substitute applications and patents applied for or granted therefore in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, including all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made;

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee. Assignors are the lawful owners of the entire right, title and interest in and

7461546,1

## PATENT REEL: 033159 FRAME: 0250

to the said invention and application for Letters Patent above-mentioned, and that the same are unencumbered, and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions, including but not limited to interference proceedings, is lawful and desirable; or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

**AND** Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignors acknowledge an obligation of assignment of this invention to Assignee, and we hereby authorize and request attorney, Keith D. Nowak, of Carter Ledyard & Milburn LLP, 2 Wall Street, New York, NY 10005, to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application.

Dated: 06/23/2014

Dated:

DHADESUGOOR R. VAMAN

ROBERT C. LACOVARA

7461546.1

to the said invention and application for Letters Patent above-mentioned, and that the same are unencumbered, and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable:

AND Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignors acknowledge an obligation of assignment of this invention to Assignee, and we hereby authorize and request attorney, Keith D. Nowak, of Carter Ledyard & Milburn LLP, 2 Wall Street, New York, NY 10005, to insert here in parentheses (Application number \_\_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application.

Dated:

Dated: \_\_\_\_6 / 23 / 2014

DHADESUGOOR R. VAMAN

7461546-1

**RECORDED: 06/23/2014**