

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3281876

|                                   |                                                             |
|-----------------------------------|-------------------------------------------------------------|
| <b>SUBMISSION TYPE:</b>           | NEW ASSIGNMENT                                              |
| <b>NATURE OF CONVEYANCE:</b>      | FIRST AMENDMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT |
| <b>CONVEYING PARTY DATA</b>       |                                                             |
| <b>Name</b>                       | <b>Execution Date</b>                                       |
| LIVEU LTD                         | 03/24/2015                                                  |
| <b>RECEIVING PARTY DATA</b>       |                                                             |
| <b>Name:</b>                      | SILICON VALLEY BANK                                         |
| <b>Street Address:</b>            | 275 GROVE STREET, SUITE 2-200                               |
| <b>City:</b>                      | NEWTON                                                      |
| <b>State/Country:</b>             | MASSACHUSETTS                                               |
| <b>Postal Code:</b>               | 02466                                                       |
| <b>Name:</b>                      | KREOS CAPITAL IV (EXPERT FUND) LIMITED                      |
| <b>Street Address:</b>            | 47 ESPLANADE                                                |
| <b>City:</b>                      | ST. HELIER                                                  |
| <b>State/Country:</b>             | JERSEY                                                      |
| <b>Postal Code:</b>               | JE1 0BD                                                     |
| <b>PROPERTY NUMBERS Total: 19</b> |                                                             |
| <b>Property Type</b>              | <b>Number</b>                                               |
| Patent Number:                    | 8467337                                                     |
| Patent Number:                    | 8488659                                                     |
| Patent Number:                    | 8964646                                                     |
| Patent Number:                    | 8848697                                                     |
| Patent Number:                    | 8811292                                                     |
| Patent Number:                    | 8737436                                                     |
| Patent Number:                    | 7948933                                                     |
| Patent Number:                    | 8649402                                                     |
| Patent Number:                    | 8942179                                                     |
| Application Number:               | 14199324                                                    |
| Application Number:               | 14292234                                                    |
| Application Number:               | 14588939                                                    |
| Application Number:               | 12863723                                                    |
| Application Number:               | 14386803                                                    |
| Application Number:               | 13921227                                                    |
| <b>PATENT</b>                     |                                                             |

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13713001 |
| Application Number: | 14327168 |
| Application Number: | 62046255 |
| Application Number: | 62047252 |

#### CORRESPONDENCE DATA

**Fax Number:** (800)494-7512

***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.***

**Phone:** 202-370-4750

**Email:** ipteam@nationalcorp.com

**Correspondent Name:** DARLENA BARI STARK

**Address Line 1:** 1025 VERMONT AVE NW, SUITE 1130

**Address Line 2:** NATIONAL CORPORATE RESEARCH, LTD.

**Address Line 4:** WASHINGTON, D.C. 20005

|                                |             |
|--------------------------------|-------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | F154680     |
| <b>NAME OF SUBMITTER:</b>      | JAMES WON   |
| <b>SIGNATURE:</b>              | /James Won/ |
| <b>DATE SIGNED:</b>            | 03/25/2015  |

#### Total Attachments: 13

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**FIRST AMENDMENT TO  
INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This First Amendment to Intellectual Property Security Agreement (the "Amendment") is made as of March 24, 2015, by and among (a) **LIVEU LTD**, a limited liability company organized under the laws of the State of Israel, with its principal place of business at 5 Hagavish Street, Kfar-Sava, 44641, Israel ("Grantor") and (b) **SILICON VALLEY BANK**, a California corporation, with a loan production office located at 275 Grove Street, Suite 2-200, Newton, Massachusetts 02466, and **KREOS CAPITAL IV (EXPERT FUND) LIMITED**, a company with limited liability incorporated in Jersey under registered number 05981165 whose registered office is at 47 Esplanade, St. Helier, Jersey (collectively, "Lenders") in consideration of the mutual covenants herein contained and benefits to be derived herefrom.

**WITNESSETH:**

WHEREAS, Grantor executed and delivered an Intellectual Property Security Agreement dated as of April 14, 2014 (as amended, the "IP Agreement") in favor of Lenders, pursuant to which Grantor pledged, granted and assigned security interests in favor of Lenders in the Intellectual Property Collateral; and

WHEREAS, Grantor has acquired additional Intellectual Property Collateral and desires to hereby confirm the pledge of, and the grant of security interests in, such additional Intellectual Property Collateral in favor of Lenders.

NOW, THEREFORE, it is hereby agreed as follows:

1. Definitions. All capitalized terms herein and not otherwise defined shall have the same meaning herein as in the IP Agreement.
2. Amendment to Exhibit B. Exhibit B to the IP Agreement is hereby amended by adding thereto (in addition to all items already listed on said Exhibit B) the Intellectual Property Collateral set forth on **Schedule 1** annexed hereto and incorporated herein by reference.
3. Miscellaneous:
  - a. Except as provided herein, all terms and conditions of the IP Agreement remain in full force and effect. Grantor hereby ratifies, confirms and reaffirms all of the representations, warranties and covenants therein contained.
  - b. This Amendment covers the entire understanding of the parties with respect to the matters set forth herein and supersedes all prior discussions and negotiations hereon.
  - c. Grantor shall reimburse Lenders for the legal fees and expenses incurred in connection with the preparation of this Amendment.

[signature page follows]

IN WITNESS WHEREOF, the parties have hereto have caused this Amendment to be executed and their seals to be hereto affixed as of the date first above written.

"Grantor"

LIVEU LTD

By: 

Name: Mike Lilo

Title: CFO

"Lenders"

SILICON VALLEY BANK

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

KREOS CAPITAL IV (EXPERT FUND)  
LIMITED

By: 

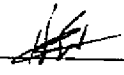
Name: \_\_\_\_\_

Title: \_\_\_\_\_

IN WITNESS WHEREOF, the parties have hereto have caused this Amendment to be executed and their seals to be hereto affixed as of the date first above written.

"Grantor"

LIVEU LTD

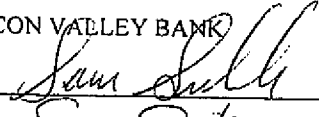
By: 

Name: Mike Lilo

Title: CEO

"Lenders"

SILICON VALLEY BANK

By: 

Name: Sam Sibilia

Title: Vice President

KREOS CAPITAL IV (EXPERT FUND)  
LIMITED

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**Schedule 1**

Patents

| Country | Patent Number | Provisional              | Application Number | Title                      | Dates                |
|---------|---------------|--------------------------|--------------------|----------------------------|----------------------|
| US      | 8,467,337     | 60/847,148<br>(priority) | 13/752,016         | Remote Transmission System | Issued<br>06/18/2013 |
| US      | 8,488,659     | 60/847,148<br>(priority) | 13/756,112         | Remote Transmission System | Issued<br>07/16/2013 |
| US      | 8,964,646     | 60/847,148<br>(priority) | 13/886,050         | Remote Transmission System | Issued<br>02/24/2015 |
| US      | 8,848,697     | 60/847,148<br>(priority) | 13/915,266         | Remote Transmission System | Issued<br>09/30/2014 |
| US      | 8,811,292     | 60/847,148<br>(priority) | 14/016,982         | Remote Transmission System | Issued<br>08/19/2014 |
| US      | 8,737,436     | 60/847,148<br>(priority) | 13/368,369         | Remote Transmission System | Issued<br>05/27/2014 |
| US      |               | 61/784,630<br>(priority) | 14/199,324         | Apparatus for Cooperating  | 03/06/2014           |

|    |  |            |            |                          |            |
|----|--|------------|------------|--------------------------|------------|
|    |  |            |            | with a Mobile Device     |            |
| US |  | 61/829,389 | 14/292,234 | Network Assisted Bonding | 05/30/2014 |

| Country       | Serial No./Patent No.   | Filing Date            | Title                                                            |
|---------------|-------------------------|------------------------|------------------------------------------------------------------|
| United States | 11/845,071<br>7,948,933 | 26-Aug-07<br>24-May-11 | Remote Transmission System                                       |
| United States | 12/965,879<br>8,649,402 | 12-Dec-10<br>11-Feb-14 | Virtual Broadband Receiver and Method of Receiving Data          |
| United States | 14/138,169<br>8,942,179 | 23-Dec-13<br>27-Jan-15 | Virtual broadband receiver, and system and method utilizing same |
| Europe        | 07805517.5              | Ante-Dated: 26-Aug-07  | Remote Transmission                                              |

|           |                  |                                                                     |                            |
|-----------|------------------|---------------------------------------------------------------------|----------------------------|
|           |                  | Actual Filing Date: 19-Mar-09                                       | System                     |
| China     | 200780041678.2   | Ante-Dated: 26-Aug-07<br>Actual Filing Date: 08-May-09<br>11-Dec-13 | Remote Transmission System |
| China     | ZL200780041678.2 | Ante-Dated: 26-Aug-07<br>Actual Filing Date: 10-Jul-13              | Remote Transmission System |
| Hong Kong | I0104766.2       | Ante-Dated: 26-Aug-07<br>Actual Filing Date: 23-Apr-10<br>4-Apr-14  | Remote Transmission System |
|           | HK1137278        |                                                                     |                            |

|        |                               |                                                                             |                                  |
|--------|-------------------------------|-----------------------------------------------------------------------------|----------------------------------|
| Japan  | 2009-529851                   | Ante-Dated: 26-Aug-07<br>Actual Filing Date:<br>25-Mar-09<br><br>17-Sept-13 | Remote<br>Transmission<br>System |
| Japan  | 2013-191799                   |                                                                             |                                  |
| Korea  | 10-2009-7008309<br>10-1223950 | 26-Aug-07<br><br>14-Jan-13                                                  | Remote<br>Transmission<br>System |
| Korea  | 10-2012-7024382               | Ante-Dated: 26-Aug-07<br><br>Actual Filing Date: 18-<br>Sep-12              | Remote<br>Transmission<br>System |
| Israel | 197687                        | Ante-Dated: 26-Aug-07<br><br>Actual Filing Date:                            | Remote<br>Transmission<br>System |

|        |        |                                                                               |                            |
|--------|--------|-------------------------------------------------------------------------------|----------------------------|
| Israel | 227032 | 19-Mar-09                                                                     | Remote Transmission System |
|        |        | Ante-Dated:<br>26-Aug-07<br><br>Actual Filing Date: 13-Jun-13<br><br>1-Nov-14 |                            |
| Israel | 227033 | Ante-Dated:<br>26-Aug-07<br><br>Actual Filing Date: 13-Jun-13<br><br>1-Nov-14 | Remote Transmission System |

|        |                            |                                                                                |                                  |
|--------|----------------------------|--------------------------------------------------------------------------------|----------------------------------|
| Israel | 227498                     | Ante-Dated:<br>26-Aug-07<br><br>Actual Filing Date: 16-Jul-13                  | Remote<br>Transmission<br>System |
| India  | 1662/CHEN/2009             | Ante-Dated: 26-Aug-07<br><br>Actual Filing Date:<br>24-Mar-09                  | Remote<br>Transmission<br>System |
| Canada | 2,664,349<br><br>CA2664349 | Ante-Dated: 26-Aug-07<br><br>Actual Filing Date:<br>24-Mar-09<br><br>11-Feb-14 | Remote<br>Transmission<br>System |

|    |            |                                       |                                  |
|----|------------|---------------------------------------|----------------------------------|
| US | 14/588,939 | Application Date:<br>January 04, 2015 | Remote<br>Transmission<br>System |
|----|------------|---------------------------------------|----------------------------------|

| Country | Type   | Application no. | Filing date | Reg. #    | Issue Date | Title                                                                   |
|---------|--------|-----------------|-------------|-----------|------------|-------------------------------------------------------------------------|
| Europe  | Patent | 09704224.6      | 01.25.2009  |           |            | Live Uplink Transmissions And Broadcasting Management System And Method |
| USA     | Patent | 12/863,723      | 07.20.2010  |           |            | Live Uplink Transmissions And Broadcasting Management System And Method |
| USA     | Patent | 14/386,803      | 09.21.2014  |           |            | Live Video Content Exchange                                             |
| USA     | Patent | 13/921,227      | 06.19.2013  | 8,787,966 | 07.22.2014 | Multi-modem communication using virtual identity modules                |
| Europe  | Patent | 13729242.1      | 05.12.2013  |           |            | Multi-modem communication using virtual identity modules                |
| Israel  | Patent | 217,040         | 12.15.2011  |           |            | Remote Wireless Communication                                           |
| USA     | Patent | 13/713,001      | 12.13.2012  |           |            | Remote Wireless Communication                                           |
| Europe  | Patent | 12196907.5      | 12.13.2012  |           |            | Remote Wireless Communication                                           |

|         |                   |                        |            |  |  |  |                                  |
|---------|-------------------|------------------------|------------|--|--|--|----------------------------------|
| China   | Patent            | 2012105447<br>79.4     | 12.14.2012 |  |  |  | Remote Wireless<br>Communication |
| Israel  | Patent            | 223,611                | 12.12.2012 |  |  |  | Remote Wireless<br>Communication |
| General | Russian<br>Patent | 2012153837             | 12.13.2012 |  |  |  | Remote Wireless<br>Communication |
| General | Brazil<br>Patent  | BR 10 2012<br>032150-5 | 12.17.2012 |  |  |  | Remote Wireless<br>Communication |
| India   | Patent            | 5124CHE20<br>12        | 12.10.2012 |  |  |  | Remote Wireless<br>Communication |

| Country | Application<br>no. | Filing date  | Name                                                                                                          |
|---------|--------------------|--------------|---------------------------------------------------------------------------------------------------------------|
| US      | 14/327,168         | July 9, 2014 | System and method for content<br>solicitation                                                                 |
| US      | 62/046,255         | Sep 5, 2014  | Device, System and method for<br>bidirectional data-bridge                                                    |
| US      | 62/047,252         | Sep 8, 2014  | Device, System and method for<br>abstraction of bonded<br>communication to lower layers<br>and/or to networks |