

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5839131

|                                                                                                                                                                                                 |                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                            |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | CHANGE OF NAME                            |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                           |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                     |
| NETWORK-1 SECURITY SOLUTIONS, INC.                                                                                                                                                              | 10/09/2013                                |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                           |
| <b>Name:</b>                                                                                                                                                                                    | NETWORK-1 TECHNOLOGIES, INC.              |
| <b>Street Address:</b>                                                                                                                                                                          | 445 PARK AVENUE                           |
| <b>Internal Address:</b>                                                                                                                                                                        | SUITE 1020                                |
| <b>City:</b>                                                                                                                                                                                    | NEW YORK                                  |
| <b>State/Country:</b>                                                                                                                                                                           | NEW YORK                                  |
| <b>Postal Code:</b>                                                                                                                                                                             | 10022                                     |
| <b>PROPERTY NUMBERS Total: 2</b>                                                                                                                                                                |                                           |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                             |
| <b>Application Number:</b>                                                                                                                                                                      | 16665994                                  |
| <b>Application Number:</b>                                                                                                                                                                      | 16665999                                  |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                           |
| <b>Fax Number:</b>                                                                                                                                                                              | (212)336-8001                             |
| <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> |                                           |
| <b>Phone:</b>                                                                                                                                                                                   | 212-336-8000                              |
| <b>Email:</b>                                                                                                                                                                                   | ptodocket@arelaw.com, vgilmore@arelaw.com |
| <b>Correspondent Name:</b>                                                                                                                                                                      | AMSTER, ROTHSTEIN & EBENSTEIN LLP         |
| <b>Address Line 1:</b>                                                                                                                                                                          | 90 PARK AVENUE                            |
| <b>Address Line 4:</b>                                                                                                                                                                          | NEW YORK, NEW YORK 10016                  |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 63121-0193 - 0194                         |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | KEITH J. BARKAUS                          |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Keith J. Barkaus/                        |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 11/26/2019                                |
| <b>Total Attachments: 4</b>                                                                                                                                                                     |                                           |
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# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "NETWORK-1 SECURITY SOLUTIONS, INC.", CHANGING ITS NAME FROM "NETWORK-1 SECURITY SOLUTIONS, INC." TO "NETWORK-1 TECHNOLOGIES, INC.", FILED IN THIS OFFICE ON THE NINTH DAY OF OCTOBER, A.D. 2013, AT 2:21 O'CLOCK P.M.

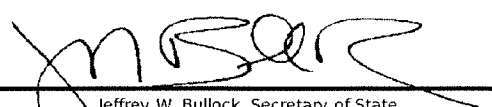
A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE KENT COUNTY RECORDER OF DEEDS.

2235929 8100

131179345

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 0801127

DATE: 10-09-13

PATENT  
REEL: 051115 FRAME: 0774

**CERTIFICATE OF AMENDMENT**  
**OF THE AMENDED AND RESTATED CERTIFICATE OF INCORPORATION**  
**OF**  
**NETWORK-1 SECURITY SOLUTIONS, INC.**

Adopted in accordance with the provisions of Section 242  
of the General Corporation Law of the State of Delaware

The undersigned, being a duly authorized officer of Network-1 Security Solutions, Inc.. (the "Corporation"), a corporation existing under the laws of the State of Delaware, does hereby certify as follows:

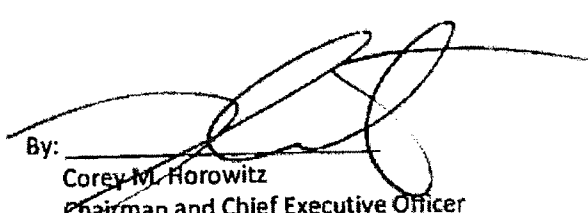
1. The name of the Corporation is Network-1 Security Solutions, Inc.
2. The Amended and Restated Certificate of Incorporation of the Corporation is hereby amended by amending Article First thereof so that, as amended, said Article shall read in its entirety as follows:

**ARTICLE FIRST**

The name of the Corporation is Network-1 Technologies, Inc.

3. That such amendment has been duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

NETWORK-1 SECURITY SOLUTIONS, INC.

By: 

Corey M. Horowitz  
Chairman and Chief Executive Officer

Dated: October 9, 2013

## **Exhibit A**

### **The Patents**

| <b><u>Patent No.</u></b> | <b><u>Title</u></b>                                                                                                                                                      | <b><u>Issue Date</u></b> |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| US Patent #7,058,223     | IDENTIFYING WORKS FOR INITIATING A WORK-BASED ACTION, SUCH AS AN ACTION ON THE INTERNET                                                                                  | June 6, 2006             |
| US Patent #8,010,988     | USING FEATURES EXTRACTED FROM AN AUDIO AND/OR VIDEO WORK TO OBTAIN INFORMATION ABOUT THE WORK                                                                            | August 30, 2011          |
| US Patent #8,020,187     | IDENTIFYING WORKS, USING A SUB LINEAR TIME SEARCH OR A NON EXHAUSTIVE SEARCH, FOR INITIATING A WORK-BASED ACTION, SUCH AS AN ACTION ON THE INTERNET                      | September 13, 2011       |
| US Patent #8,205,237     | IDENTIFYING WORKS, USING A SUB-LINEAR TIME SEARCH, SUCH AS AN APPROXIMATE NEAREST NEIGHBOR SEARCH, FOR INITIATING A WORK-BASED ACTION, SUCH AS AN ACTION ON THE INTERNET | June 19, 2012            |

**Exhibit A (continued)**

| <b><u>Patent App. No.</u></b>  | <b><u>Title</u></b>                                                                                   | <b><u>Publication No. &amp; Date</u></b> |
|--------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------|
| US Pat. App. No.<br>13/338,079 | METHOD FOR USING<br>EXTRACTED FEATURES FROM<br>AN ELECTRONIC WORK                                     | N/A                                      |
| US Pat. App. No.<br>13/800,573 | METHOD FOR TAGGING AN<br>ELECTRONIC MEDIA WORK TO<br>PERFORM AN ACTION                                | N/A                                      |
| US Pat. App. No.<br>13/800,890 | METHOD FOR TAGGING AN<br>ELECTRONIC MEDIA WORK TO<br>PERFORM AN ACTION                                | N/A                                      |
| US Pat. App. No.<br>13/829,717 | SYSTEM FOR USING EXTRACTED<br>FEATURES FROM AN<br>ELECTRONIC WORK                                     | N/A                                      |
| US Pat. App. No.<br>13/830,447 | METHOD FOR TAKING ACTION<br>BASED ON A QUERY RELATED TO<br>A MEDIA WORK                               | N/A                                      |
| US Pat. App. No.<br>13/830,626 | SYSTEM FOR TAKING ACTION<br>BASED ON A QUERY RELATED TO<br>A MEDIA WORK                               | N/A                                      |
| US Pat. App. No.<br>13/830,986 | SYSTEM AND METHOD FOR<br>TAKING ACTION WITH RESPECT<br>TO A MEDIA WORK FROM A<br>SECOND DEVICE        | N/A                                      |
| US Pat. App. No.<br>13/842,068 | SYSTEM AND METHOD FOR<br>TAKING ACTION WITH RESPECT<br>TO A MEDIA WORK CAPTURED<br>BY A SECOND DEVICE | N/A                                      |