

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dr. Ingemar J. COX	03/20/2013
RECEIVING PARTY DATA	
Name:	NETWORK-1 SECURITY SOLUTIONS, INC.
Street Address:	445 Park Avenue
Internal Address:	Suite 1020
City:	New York
State/Country:	NEW YORK
Postal Code:	10022
PROPERTY NUMBERS Total: 13	
Property Type	Number
Patent Number:	7058223
Patent Number:	8010988
Patent Number:	8020187
Patent Number:	8205237
Application Number:	13338079
Application Number:	13800573
Application Number:	13800890
Application Number:	13829717
Application Number:	13830447
Application Number:	13830626
Application Number:	13830986
Application Number:	13842068
Application Number:	60232618
CORRESPONDENCE DATA	

502280676

PATENT  
 REEL: 030057 FRAME: 0258

CH \$520.00 7058223

Fax Number: 2123368001

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 2123368000

Email: ptodocket@arelaw.com

Correspondent Name: AMSTER, ROTHSTEIN & EBENSTEIN LLP

Address Line 1: 90 Park Avenue

Address Line 4: New York, NEW YORK 10016

ATTORNEY DOCKET NUMBER:

63121-1

NAME OF SUBMITTER:

Benjamin M. Halpern

Total Attachments: 5

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## CONFIRMATORY ASSIGNMENT

WHEREAS, this Confirmatory Assignment supplements the Quit Claim Agreement between NEC Corporation and ASSIGNOR (as defined below) recorded with the U.S. Patent Office on February 28, 2013 ("the Quitclaim Agreement") for the patents and patent applications listed in Exhibit 1 of the Quitclaim Agreement and also supplements and confirms the Patent Assignment in favor of ASSIGNEE (as defined below) recorded with the U.S. Patent Office on March 4, 2013 ("the March 4, 2013 Assignment") for the patents and patent applications listed in Exhibit A of the March 4, 2013 Assignment.

WHEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR:

Full Name of Inventor: Dr. Ingemar J. Cox  
Address: 7 The Gallery  
38 Ludgate Hill  
London, EC4M 7DE  
UK

Citizenship: UK

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hereby sells, assigns, and transfers to ASSIGNEE:

Network-1 Security Solutions, Inc.  
445 Park Avenue  
Suite 1020  
New York, New York 10022

and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries and regions, including all rights to claim priority, in and to the inventions that were invented by ASSIGNOR, and which are found in the patents and patent applications listed in the attached Exhibit A ("the PATENT DOCUMENTS") and any legal equivalents thereof in any foreign country or region, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patents to be obtained for said inventions, or any continuation, divisional, renewal, or substitute thereof, and, as to the Letters Patents, any reissues or re-examinations or other post-grant issuances thereof, and further including all income,

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royalties, damages and payments now or hereafter due or payable in respect to the PATENT DOCUMENTS, and all causes of action (either in law or in equity) and the sole right to sue, counterclaim and recover for past, present and future infringement of the PATENT DOCUMENTS, or any continuations, divisionals, renewals, or substitutes thereof, and, as to the Letters Patents, any reissues or re-examinations thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

ASSIGNOR authorizes ASSIGNEE to make applications for, and to receive, Letters Patent for said inventions in any of said countries or regions, in ASSIGNEE'S name, or in ASSIGNOR'S name, at ASSIGNEE'S election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said inventions, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said inventions, or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or re-examination thereof, or any other additional applications for Letters Patent for said inventions or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States for said inventions, resulting from the aforesaid patents and patent applications, to Network-1 Security Solutions, Inc., as its ASSIGNEE.

WITNESS my hand and seal on:

h. e.  
Dr. Ingemar J. Cox

March 20, 2013  
Date

## **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. 13/338,079	METHOD FOR USING EXTRACTED FEATURES FROM AN ELECTRONIC WORK	N/A
US Pat. App. No. 13/800,573	METHOD FOR TAGGING AN ELECTRONIC MEDIA WORK TO PERFORM AN ACTION	N/A
US Pat. App. No. 13/800,890	METHOD FOR TAGGING AN ELECTRONIC MEDIA WORK TO PERFORM AN ACTION	N/A
US Pat. App. No. 13/829,717	SYSTEM FOR USING EXTRACTED FEATURES FROM AN ELECTRONIC WORK	N/A
US Pat. App. No. 13/830,447	METHOD FOR TAKING ACTION BASED ON A QUERY RELATED TO A MEDIA WORK	N/A
US Pat. App. No. 13/830,626	SYSTEM FOR TAKING ACTION BASED ON A QUERY RELATED TO A MEDIA WORK	N/A
US Pat. App. No. 13/830,986	METHOD FOR TAKING ACTION WITH RESPECT TO A MEDIA WORK FROM A SECOND DEVICE	N/A
US Pat. App. No. 13/842,068	SYSTEM AND METHOD FOR TAKING ACTION WITH RESPECT TO A MEDIA WORK CAPTURED BY A SECOND DEVICE	N/A
<b><u>Provisional App. No.</u></b>	<b><u>Title</u></b>	<b><u>Filing Date</u></b>
US Provisional App. No. 60/232,618	IDENTIFYING AND LINKING TELEVISION AUDIO, PRINT AND OTHER MEDIA TO THE INTERENT	September 14, 2000