

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM309867

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Invertix Corporation		07/02/2014	CORPORATION: DELAWARE
Near Infinity Corporation		07/02/2014	CORPORATION: DELAWARE
Altamira Technologies Corporation	FORMERLY Lightyear Technologies, Inc.	07/02/2014	CORPORATION: DELAWARE

## RECEIVING PARTY DATA

<b>Name:</b>	Bridge Bank, National Association
<b>Street Address:</b>	55 Almaden Blvd.
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95113
<b>Entity Type:</b>	National Banking Association: CALIFORNIA

## PROPERTY NUMBERS Total: 10

Property Type	Number	Word Mark
Serial Number:	85286302	IQ
Serial Number:	85304069	INVERSION FRAMEWORK
Serial Number:	85324295	IF
Serial Number:	75629976	INVERTIX
Serial Number:	78832247	MNET
Serial Number:	76597302	NEAR INFINITY
Serial Number:	85960743	A ALTAMIRA
Serial Number:	85960741	A ALTAMIRA
Serial Number:	85927443	ALTAMIRA
Serial Number:	85927426	ALTAMIRA

## CORRESPONDENCE DATA

Fax Number: 6506440520

*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.*

Email: patty@pattycheng.com

Correspondent Name: Patty Cheng

Address Line 1: 2625 Middlefield Road, #215

Address Line 4: Palo Alto, CALIFORNIA 94306

TRADEMARK

<b>ATTORNEY DOCKET NUMBER:</b>	1-1005
<b>NAME OF SUBMITTER:</b>	Patty Cheng
<b>SIGNATURE:</b>	/s/ Patty Cheng
<b>DATE SIGNED:</b>	07/07/2014

**Total Attachments: 10**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of July 2, 2014, (the "Agreement") between BRIDGE BANK, NATIONAL ASSOCIATION ("Lender") and Altamira Technologies Corporation, a Delaware corporation ("Atamira"), Invertix Corporation, a Delaware corporation ("Invertix"), Invertix International, Inc., a Delaware corporation ("Invertix International"), Near Infinity Corporation, a Virginia corporation ("NIC"), and NIC Labs LLC, a Virginia limited liability company ("NIC Labs") (each of Altamira, Invertix, Invertix International, NIC and NIC Labs are each referred to herein as a "Grantor", and collectively, as the "Grantors") is made with reference to the Loan and Security Agreement, dated as of July 2, 2014 (as amended from time to time, the "Loan Agreement"), between Lender and Grantors.

Terms defined in the Loan Agreement have the same meaning when used in this Agreement. For good and valuable consideration, receipt of which is hereby acknowledged, each Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Loan Agreement, each Grantor grants to Lender a security interest in all right, title, and interest of such Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B, but excluding any intent to use ("Intent to Use Applications") for which a statement of use has not been filed (only until such statement is filed);

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and


(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

**GRANTORS:**


**ALTAMIRA TECHNOLOGIES CORPORATION**

By:   
Title: EVP, CFO, Secretary and Treasurer


**NEAR INFINITY CORPORATION**

By:   
Title: EVP, CFO, Secretary and Treasurer


**NIC LABS LLC**

By:   
Title: EVP, CFO, Secretary and Treasurer

**INVERTIX CORPORATION**

By:   
Title: EVP, CFO, Secretary and Treasurer

**INVERTIX INTERNATIONAL, INC.**

By:   
Title: EVP, CFO, Secretary and Treasurer

Address for Notices for all Grantors:  
8301 Greensboro Drive, Suite 800  
McLean, VA 22102  
Attn: Bryan Judd, CFO

**LENDER:**

**BRIDGE BANK, NATIONAL ASSOCIATION**

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

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

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

Address for Notices:

Attn: Note Department  
55 Almaden Boulevard, Suite 100  
San Jose, California 95113  
Fax: (408) 382-1681

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

**GRANTORS:**

**ALTAMIRA TECHNOLOGIES CORPORATION**

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

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

**NEAR INFINITY CORPORATION**

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

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

**NIC LABS LLC**

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

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

**INVERTIX CORPORATION**

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

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

**INVERTIX INTERNATIONAL, INC.**

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

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

Address for Notices for all Grantors:  
8201 Greensboro Drive, Suite 800  
McLean, VA 22102  
Attn: Bryan Judd, CFO

**LENDER:**

**BRIDGE BANK, NATIONAL ASSOCIATION**

By: Blk Reid

Name: Blake Reid

Title: Vice President

Address for Notices:  
Attn: Note Department  
55 Almaden Boulevard, Suite 100  
San Jose, California 95113  
Fax: (408) 282-1681


EXHIBIT A  
COPYRIGHTS  
NONE.

## EXHIBIT B

## TRADEMARKS

**Registered Trademarks and Service Marks**



<b>Owner</b>	<b>Mark</b>	<b>Serial #</b>	<b>Summary</b>	<b>Filed Date</b>	<b>Reg #</b>	<b>Reg Date</b>
Invertix Corporation	IQ	85286302	IC 009. US 021 023 026 036 038. G & S: Antennas. FIRST USE: 20110324. FIRST USE IN COMMERCE: 20110324	25-Apr-2011	4176688	17-Jul-2012
Invertix Corporation	Inversion Framework	85304069	IC 042. US 100 101. G & S: Providing virtual computer systems and virtual computer environments through cloud computing. FIRST USE: 20110404. FIRST USE IN COMMERCE: 20131101	25-Apr-2011	4451716	17-Dec-2013
Invertix Corporation	IF	85324295	IC 042. US 100 101. G & S: Providing virtual computer systems and virtual computer environments through cloud computing. FIRST USE: 20110404. FIRST USE IN COMMERCE: 20131018	18-May-2011	4455422	24-Dec-2013

Owner	Mark	Serial #	Summary	Filed Date	Reg #	Reg Date
Invertix Corporation	Invertix 	75629976	<p>IC 038. US 100 101 104. G &amp; S: Quality of service tools, namely, computer hardware and computer software for operating and enhancing telecommunications networks. FIRST USE: 19970925. FIRST USE IN COMMERCE: 19970925</p> <p>IC 042. US 100 101. G &amp; S: Technical support services, namely, troubleshooting of computer hardware and software via in person, telephone or the global computer network; computer software design and development for others, namely, design, coding, testing and maintenance; and temporary use of online nondownloadable software for managing telecommunications networks for the purpose of network operations, problem diagnosis, and network performance optimization. FIRST USE: 19970925. FIRST USE IN COMMERCE: 19970925</p>	2-Feb-1999	2382475	5-Sep-2000
Invertix Corporation	mNet	78832247	IC 009. US 021 023 026 036 038. G & S: Computer software, namely, software development tools for the creation of mobile internet applications and client interfaces. FIRST USE: 20030430. FIRST USE IN COMMERCE: 20030430	8-Mar-2006	3193872	2-Jan-2007



Owner	Mark	Serial #	Summary	Filed Date	Reg #	Reg Date
Near Infinity Corporation	NEAR INFINITY	76597302	IC 042. US 100 101. G & S: Computer software development and consulting services, namely development of fine-grained auditing software for securing distributed, object-oriented applications deployed to the a computer software platform, and software consulting services related thereto. FIRST USE: 20020801. FIRST USE IN COMMERCE: 20020801	15-Jun-04	3033605	27-Dec-05

**Trademark and Service Mark Applications**

Owner	Mark	Serial #	Summary	Filed Date
Altamira Technologies Corporation	Lumify	86065725	International Class 009: Computer search engine software  Intent to Use	16-Sep-2013
Lightyear Technologies, Inc.	Altamira 	85960753	IC 009. US 021 023 026 036 038. G & S: Antennas; Electric or electronic sensors for collecting, processing, and disseminating ISR (intelligence, surveillance, and reconnaissance) data  Intent to Use	14-Jun-2013
Lightyear Technologies, Inc.	Altamira 	85960748	IC 042. US 100 101. G & S: Consulting in the field of information technology; Consulting in the field of telecommunications technology; Design and development of computer hardware and software  Intent to Use	14-Jun-2013

Owner	Mark	Serial #	Summary	Filed Date
Lightyear Technologies, Inc.	Altamira 	85960743	IC 042. US 100 101. G & S: Consulting in the field of information technology; Consulting in the field of telecommunications technology; Design and development of computer hardware and software  Intent to Use	14-Jun-2013
Lightyear Technologies, Inc.	Altamira 	85960741	IC 009. US 021 023 026 036 038. G & S: Antennas; Electric or electronic sensors for collecting, processing, and disseminating ISR (intelligence, surveillance, and reconnaissance) data  Intent to Use	14-Jun-2013
Lightyear Technologies, Inc.	Altamira	85927443	IC 009. US 021 023 026 036 038. G & S: Antennas; Electric or electronic sensors for collecting, processing, and disseminating ISR (intelligence, surveillance, and reconnaissance) data  Intent to Use	9-May-2013
Lightyear Technologies, Inc.	Altamira	85927426	IC 042. US 100 101. G & S: Consulting in the field of information technology; Consulting in the field of telecommunications technology  Intent to Use	9-May-2013

## EXHIBIT C

## PATENTS AND PATENT APPLICATIONS

**Patents**

<b>Owner</b>	<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Patent Number</b>	<b>Issue Date</b>
Invertix Corporation	Wireless Telephone Network Optimization			6,940,838	6-Sep-05
Invertix Corporation	Method and Apparatus for Sharing Mobile User Event Information Between Wireless Networks and Fixed IP Networks			6,839,554	4-Jan-05
Invertix Corporation	Method and Apparatus for Sharing Mobile User Event Information Between Wireless Networks and Fixed IP Networks			6,668,167	23-Dec-03
Invertix Corporation	A System and Method for Modulating a Signal at an Antenna	12/277901	25-Nov-2008	8,340,197	25-Dec-12
Invertix Corporation	A System and Method for Spreading and De- Spreading a Signal at an Antenna	12/725,721	17-Mar-2010	8,457,251	4-Jun-2013
Invertix Corporation	A System and Method for Arbitrary Phase and Amplitude	12/725,773	17-Mar-2010	8,411,794	2-April-2013

	Modulation in an Antenna				
Invertix Corporation	A System and Method for Electronically Steering an Antenna	12/725,826	17-Mar-10	8,391,376	5-March-2013

**Patent Applications**

<b>Owner</b>	<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>
Invertix Corporation	Systems and Methods for Sentence Comparison and Sentence-Based Search	13/543,626	6-Jul-2012
Invertix Corporation	Unidirectional Sampling Mixer	13/718,692	18-Dec-2012