

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Invertix Corporation		12/28/2012	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	PNC Bank, National Association, as Administrative Agent
Street Address:	800 17th Street NW
Internal Address:	Attn: Douglas T. Brown
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20006
Entity Type:	National Association: UNITED STATES

PROPERTY NUMBERS Total: 5

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

CORRESPONDENCE DATA

Fax Number: 2023448300
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Phone: 2023444976
 Email: rliebowitz@venable.com, trademarkdocket@venable.com
 Correspondent Name: Rebecca Liebowitz
 Address Line 1: c/o Venable LLP
 Address Line 2: P.O. Box 34385
 Address Line 4: Washington, DISTRICT OF COLUMBIA 20043

CH \$140.00 85286302

TRADEMARK

ATTORNEY DOCKET NUMBER:	80371-342109
NAME OF SUBMITTER:	Rebecca Liebowitz
Signature:	/rebecca liebowitz/
Date:	07/23/2013
Total Attachments: 8 source=INVERTIX Security Interest#page1.tif source=INVERTIX Security Interest#page2.tif source=INVERTIX Security Interest#page3.tif source=INVERTIX Security Interest#page4.tif source=INVERTIX Security Interest#page5.tif source=INVERTIX Security Interest#page6.tif source=INVERTIX Security Interest#page7.tif source=INVERTIX Security Interest#page8.tif	

**GRANT OF
SECURITY INTEREST IN PATENTS, TRADEMARKS, SERVICE MARKS AND
COPYRIGHTS**

This GRANT OF SECURITY INTEREST IN PATENTS, TRADEMARKS, SERVICE MARKS AND COPYRIGHTS (this "Agreement") is entered into effective as of December 28, 2012 by and among INVERTIX CORPORATION, a Delaware corporation (the "Grantor"), and PNC BANK, NATIONAL ASSOCIATION, in its capacity as Agent (the "Agent") for the Lenders referred to below (the "Agent"), each of which are parties to that certain Patent, Trademark and Copyright Security Agreement, dated as of December 28, 2012 (as amended, supplemented or otherwise modified from time to time, the "Security Agreement"), among each of the borrowers and other grantors party thereto and the Agent.

WITNESSETH:

WHEREAS, pursuant to that certain Credit Agreement (as amended, restated, modified or supplemented from time to time, the "Credit Agreement") dated as of December 28, 2012 by and among the Grantor, each of the other Borrowers and any Guarantors (as each such term is defined therein), the "Lenders" (as defined therein) and the Agent, the Agent and the Lenders have agreed to provide certain loans and other financial accommodations to the Borrowers, and the Grantor has agreed, among other things, to grant a security interest to the Agent in the Grantor's Patents, Trademarks and Copyrights (as defined in the Security Agreement); and

WHEREAS, in connection with the Credit Agreement and the Security Agreement, the Grantor has duly authorized the execution, delivery and performance of this Agreement;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound, the Grantor agrees as follows:

SECTION 1. Definitions. Unless otherwise defined herein, terms used in this Agreement have the meanings provided, or provided by reference in, the Security Agreement.

SECTION 2. Grant of Security Interest. Subject to the terms and conditions of the Credit Agreement and the Security Agreement, the Grantor hereby grants to and creates in favor of the Agent, for the benefit of the Agent and the Lenders, a security interest in and to all of the Grantor's Patents, Trademarks and Copyrights (including, without limitation, those items listed on Schedule A, Schedule B and Schedule C attached hereto) (collectively, the "Collateral"); provided, however, that notwithstanding anything to the contrary herein, no security interest shall be deemed granted hereunder in any intent to use trademark applications solely to the extent that, and during the period in which, the grant of a security interest therein would impair the validity or enforceability thereof or result in the cancellation or voiding thereof.

SECTION 3. Purpose. This Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office and the United States Copyright Office. The security interest granted hereby has been granted to the Agent, for the benefit of the Agent and the Lenders, in connection with the Security Agreement and is expressly subject to the terms and conditions thereof. The Security Agreement (and all rights and remedies of the Agents and Lenders thereunder) shall remain in full force and effect in accordance with its terms.

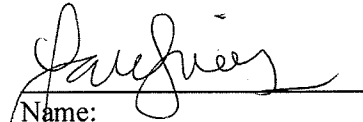
SECTION 4. Acknowledgment. The Grantor hereby further acknowledges and affirms that the rights and remedies of the Agent and the Lenders with respect to the security interest in the Collateral granted hereby are more fully set forth in the Credit Agreement and the Security Agreement. In the event of any conflict between the terms of this Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

SECTION 5. Counterparts. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together shall constitute one and the same original.

[Remainder of the page intentionally left blank; signature page follows.]

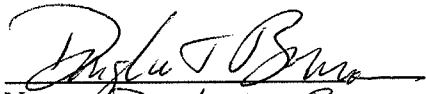
IN WITNESS WHEREOF the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

ATTEST


Name: _____
Title: _____

AGENT:

PNC BANK, NATIONAL ASSOCIATION,
as Agent

By: 
Name: Douglas T. Brown
Title: SVP

GRANTOR:

INVERTIX CORPORATION, a Delaware
corporation

ATTEST

Name:
Title:

By: _____
Name:
Title:

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

AGENT:

PNC BANK, NATIONAL ASSOCIATION,
as Agent

By: _____
Name:
Title:

GRANTOR:

INVERTIX CORPORATION, a Delaware
corporation

By: Mark D. Spoto
Name: MARK D. SPOTO
Title: VP & ASSISTANT SECRETARY

SCHEDULE A

TO GRANT OF SECURITY INTEREST IN PATENTS, TRADEMARKS, SERVICE MARKS AND COPYRIGHTS

UNITED STATES ISSUED PATENTS AND PATENT APPLICATIONS

1. Patents:

<u>Exact Legal Name of Owner</u>	<u>Description of Intellectual Property</u>	<u>Application or Registration Number(s)</u>	<u>Application or Registration Date(s)</u>
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	8,340,197	25-Dec-12

2. Patent Applications:

<u>Exact Legal Name of Owner</u>	<u>Description of Intellectual Property</u>	<u>Application or Registration Number(s)</u>	<u>Application or Registration Date(s)</u>
Invertix Corporation	A System and Method for Spreading and De-Spreading a Signal at an Antenna	12/725,721	17-Mar-10
Invertix Corporation	A System and Method for	12/725,773	17-Mar-10

	Arbitrary Phase and Amplitude Modulation in an Antenna		
Invertix Corporation	A System and Method for Electronically Steering an Antenna	12/725,826	17-Mar-10
Invertix Corporation	Systems and Methods for Sentence Comparison and Sentence-Based Search	13/543,626	6-Jul-12
Invertix Corporation	[A] Unidirectional Sampling Mixer	13/718,692	18-Dec-12
Invertix Corporation	A System and Method for Suppression of Information in a Directed RF Beam		Expired Provisional Patent Application

SCHEDULE B

TO GRANT OF SECURITY INTEREST IN PATENTS, TRADEMARKS, SERVICE MARKS AND COPYRIGHTS

UNITED STATES TRADEMARK AND SERVICE MARK REGISTRATIONS AND APPLICATIONS

1. Trademarks and Service Marks:

<u>Exact Legal Name of Owner</u>	<u>Description of Intellectual Property</u>	<u>Application or Registration Number(s)</u>	<u>Application or Registration Date(s)</u>
Invertix Corporation	IQ	85286302	17-Jul-12
Invertix Corporation	Inversion Framework™	85304069	25-Apr-11
Invertix Corporation	IF™	85324295	18-May-11
Invertix Corporation	Invertix Word Mark	75629976	5-Sep-00
Invertix Corporation	mNet	78832247	2-Jan-07

2. Trademark and Service Mark Applications:

None.

SCHEDULE C

**TO GRANT OF SECURITY INTEREST IN PATENTS, TRADEMARKS, SERVICE
MARKS AND COPYRIGHTS**

UNITED STATES COPYRIGHTS REGISTRATIONS AND APPLICATIONS

1. Copyrights:

None.

2. Copyright Applications:

None.