

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David Fox	01/20/2012
RECEIVING PARTY DATA	
Name:	Casa Systems, Inc.
Street Address:	100 Old River Road
Internal Address:	Suite 100
City:	Andover
State/Country:	MASSACHUSETTS
Postal Code:	01810
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13351699
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ATTORNEY DOCKET NUMBER:	121400-00001
NAME OF SUBMITTER:	Mark E. Nikolsky
Total Attachments: 1 source=121400-00001 - Assignment#page1.tif	

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**ASSIGNMENT**

WHEREAS, DAVID FOX, a citizen of the United States, residing at 99 Fox Run Road, Bolton, Massachusetts 01740 (hereinafter "Assignor"), is the inventor of the invention entitled SYSTEM AND METHOD FOR DETECTING BURST NOISE DURING QUADRATURE AMPLITUDE MODULATION COMMUNICATIONS, for which an application for United States Letters Patent was filed on January 17, 2012, as Application No. 13/351,699; and

WHEREAS, CASA SYSTEMS, INC., a corporation organized and existing under the laws of Massachusetts and having a place of business at 100 Old River Road, Suite 100, Andover, Massachusetts 01810 (hereinafter "Assignee"), is desirous of acquiring Assignor's right, title and interest in and to the invention and the aforementioned applications.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and sets over to Assignee the entire right, title and interest in and for the United States of America and all other countries in and to said invention and the aforesaid patent applications, all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said applications and/or applications resulting therefrom to Assignee, as assignee of the entire interest therein; and the undersigned for him and his legal representatives, heirs and assigns does hereby agree and covenant, without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for patent on said invention and all assignments and powers of attorney thereof to Assignee or its assigns, to communicate to Assignee or its legal representatives all facts known to the undersigned respecting said invention, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths and to do generally everything necessary to aid Assignee, its successors, assigns and nominees in obtaining patent protection on said invention in all countries, the expenses incident to said applications to be borne and paid by Assignee.

**INVENTOR 1**

Date: 1/20/2012 By: [Signature]  
DAVID FOX

State of MA  
County of ESSEX

On this 20<sup>th</sup> day of January, 2012, before me personally came the above-named DAVID FOX to me personally known as the individual who executed the foregoing instrument, who acknowledged to me the same was executed by him of his own free will for the uses and purposes therein mentioned.

[Signature]  
Notary Public

