

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4418978

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS E. KATIS	08/19/2015
JAMES T. PANTTAJA	08/19/2015
MARY G. PANTTAJA	08/19/2015
MATTHEW J. RANNEY	08/19/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15091746
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<b>NAME OF SUBMITTER:</b>	JAMES W. ROSE
<b>SIGNATURE:</b>	/James W. Rose/
<b>DATE SIGNED:</b>	05/17/2017
<b>Total Attachments: 1</b>	
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**ASSIGNMENT OF PATENT APPLICATION**

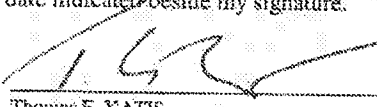
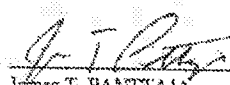
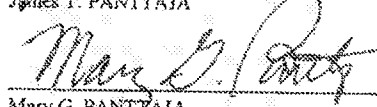
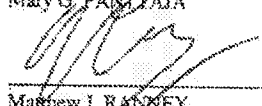
Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the following patent application:

the U.S. patent application entitled: **REAL-TIME MESSAGING METHOD AND APPARATUS** (Atty Docket No.: REBLP020FC1).

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to **Voxer IP LLC**, a limited liability company of Delaware, having a place of business at **760 Market Street, Suite 500, San Francisco, CA 94102** ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

- 1) Signature:  Date: August 19, 2015  
Typed Name: Thomas E. KATIS
- 2) Signature:  Date: 8/19/15  
Typed Name: James T. PANTAJA
- 3) Signature:  Date: 8/19/15  
Typed Name: Mary G. PANTAJA
- 4) Signature:  Date: 8/19/2015  
Typed Name: Matthew J. RAFFNEY