

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3208652

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CALLWAVE TELECOM, INC.	07/06/2012
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CALLWAVE COMMUNICATIONS, LLC	
<b>Street Address:</b>	136 W. CANON PERDIDO STREET	
<b>Internal Address:</b>	SUITE A	
<b>City:</b>	SANTA BARBARA	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	93101	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14031368
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(877)769-7945	
<i>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.</i>		
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<b>ATTORNEY DOCKET NUMBER:</b>	18166-0060003	
<b>NAME OF SUBMITTER:</b>	MELISSA ALEXANDER	
<b>SIGNATURE:</b>	/Melissa Alexander/	
<b>DATE SIGNED:</b>	02/02/2015	
<b>Total Attachments: 7</b>		
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## PATENT ASSIGNMENT AGREEMENT

This **PATENT ASSIGNMENT AGREEMENT** (this "**Agreement**"), by and between **CALLWAVE TELECOM, INC.**, a Delaware corporation, ("**Assignor**") and **CALLWAVE COMMUNICATIONS, LLC**, a Delaware limited liability company ("**Company**") is made effective as of July 6, 2012.

### RECITALS

**A.** Pursuant to a Contribution Agreement dated of even date herewith (the "**Contribution Agreement**"), by and between the Assignor and the Company, Assignor agreed to transfer to Company various intellectual property rights, including the patents and patent applications set forth on **EXHIBIT A** hereto and described below.

**B.** Assignor desires to transfer and assign to Company, and Company desires to accept the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to, and under such patents and patent applications.

### AGREEMENT

The parties hereto agree as follows:

**1. Assignment.** Assignor hereby assigns, delivers, transfers, and conveys unto Company, all worldwide right, benefits, title, and interest in and to (i) the patents and patent applications set forth on **EXHIBIT A** (collectively, the "**Patents**") and the underlying inventions claimed or disclosed therein; (ii) any and all future patents which may be granted therefrom, any and all provisions, substitutions, divisional, reissues, renewals, continuations, continuations-in-part, extensions, supplemental protection certificates, substitute applications and inventors' certificate arising from, or based upon any of the foregoing Patents; (iii) any and all registrations, applications and recordings pertaining to any of the foregoing, and common law rights in and to the foregoing; (iv) all actions, causes of actions and rights to sue at law or in equity for any past or future infringement or other impairment of any of the foregoing, including the right to receive all proceeds and damages therefrom, and all rights to obtain renewals, continuations, divisions or other extensions of legal protections pertaining thereto; and (v) any goodwill in, incorporated or embodied in or related to any of the foregoing.

**2. Further Assurances.** Assignor agrees to assist Company in every proper way to evidence, record and perfect the Section 1 assignment and to apply for and obtain recordation of and from time to time secure, enforce, maintain and defend the assigned rights. If Company is unable for any reason whatsoever to secure the Assignor's signature to any document requested by the Company under this Section 2, Assignor hereby irrevocably designates and appoints Company and its duly authorized officers and agents as Assignor's agents and attorneys-in-fact, coupled with an interest and with full power of substitution, to act for and on Assignor's behalf and instead of Assignor, to execute and file any such document or documents and to do all other lawfully permitted acts to further the purposes of the foregoing with the same legal force and effect as if executed by Assignor.

**3. Commissioner of Patents.** Assignor hereby requests the Commissioner of Patents to issue the patent and patent applications of the United States set forth on **EXHIBIT A** to Company for the sole use and behalf of Company, its successors, legal representatives, and assigns.

**4. Miscellaneous.** In the event of any conflict between this Agreement and the Contribution Agreement, the Contribution Agreement shall control. Nothing in this Agreement shall be deemed to

amend or modify in any way any of the terms and conditions of the Contribution Agreement or any rights or obligations of the parties thereto. The rights and obligations of the parties under this Agreement shall be governed by and construed under the laws of the State of California, without regard to its choice of law provisions.

*[Signature Page Follows]*

The parties have caused this Patent Assignment Agreement to be executed by its duly authorized corporate officer effective as of the date first written above.

**ASSIGNOR:**

**CALLWAVE TELECOM, INC.**

By: 

Name: Jeffrey Cavins

Title: President and Chief Executive Officer

**COMPANY:**

**CALLWAVE COMMUNICATIONS, LLC**

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

Name: Richard Sanders

Title: Sole Manager

**PATENT**  
**REEL: 028794 FRAME: 0301**

**PATENT**  
**REEL: 034868 FRAME: 0939**

The parties have caused this Patent Assignment Agreement to be executed by its duly authorized corporate officer effective as of the date first written above.

**ASSIGNOR:**

**CALLWAVE TELECOM, INC.**

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

Name: Jeffrey Cavins

Title: President and Chief Executive Officer

**COMPANY:**

**CALLWAVE COMMUNICATIONS, LLC**

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

Name: Richard Sanders

Title: Sole Manager

**PATENT**  
**REEL: 028794 FRAME: 0302**

**PATENT**  
**REEL: 034868 FRAME: 0940**

**EXHIBIT A****PATENTS****ISSUED PATENTS**

<b>Patent No.</b>	<b>Title</b>	<b>Issue Date</b>
6,879,677	METHODS AND SYSTEMS FOR TELEPHONY CALL COMPLETION	04/12/2005
7,308,081	METHODS AND SYSTEMS FOR TELEPHONY CALL COMPLETION	12/11/2007
6,738,461	METHODS AND APPARATUS FOR RETURNING A CALL OVER A TELEPHONY SYSTEM	05/18/2004
7,266,185	METHODS AND APPARATUS FOR RETURNING A CALL OVER A TELEPHONY SYSTEM	09/04/2007
7,508,927	METHODS AND APPARATUS FOR RETURNING A CALL OVER A TELEPHONY SYSTEM	03/24/2009
7,839,987	METHODS AND SYSTEMS FOR CREATING A DYNAMIC CALL LOG AND CONTACT RECORDS	11/23/2010
6,968,174	CALL ROUTING APPARATUS	11/22/2005
7,292,841	CALL ROUTING APPARATUS	11/06/2007
7,907,933	CALL ROUTING APPARATUS	03/15/2011
7,103,167	SYSTEMS AND METHODS FOR CALL SCREENING	09/05/2006
7,636,428	SYSTEMS AND METHODS FOR CALL SCREENING	12/22/2009
8,064,588	SYSTEMS AND METHODS FOR CALL SCREENING	11/22/2011
6,477,246	METHOD AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	11/05/2002
6,898,275	METHOD AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	05/24/2005
7,397,910	METHOD AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	07/08/2008
7,688,958	METHODS AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	03/30/2010
7,555,110	METHODS AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	06/30/2009
7,822,188	METHODS AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	10/26/2010
7,460,653	APPARATUS AND METHODS FOR TELECOMMUNICATION AUTHENTICATION	12/02/2008
7,409,048	CALL PROCESSING AND SUBSCRIBER REGISTRATION SYSTEMS AND METHODS	08/05/2008
7,818,734	METHODS AND SYSTEMS FOR TRANSFERRING DATA OVER A NETWORK	10/19/2010
7,965,825	METHODS AND SYSTEMS FOR TRANSFERRING VOICE MESSAGES AND FAXES OVER A NETWORK	06/21/2011
8,107,609	METHODS AND SYSTEMS FOR TELEPHONY CALL-BACK PROCESSING	01/31/2012
7,852,749	METHODS AND SYSTEMS FOR ROUTING TELECOMMUNICATIONS	12/14/2010
8,000,455	METHODS AND SYSTEMS FOR CALL PROCESSING	08/16/2011
8,165,572	METHODS AND SYSTEMS FOR CALL PROCESSING IN A WIRELINE AND WIRELESS	04/24/2012
8,165,572	METHODS AND SYSTEMS FOR CALL PROCESSING IN A WIRELINE AND WIRELESS NETWORK	04/24/2012
8,085,922	METHODS AND SYSTEMS FOR SPEED DIALING	12/27/2011
8,121,626	METHOD AND SYSTEMS FOR SHORT MESSAGE FORWARDING SERVICES	02/21/2012
8,102,986	METHODS AND SYSTEMS FOR PROVIDING TELECOMMUNICATIONS SERVICES	01/24/2012
7,742,586	ENHANCED SERVICE LEVELS FOR CALL-PROCESSING SERVICES	06/22/2010
8,165,278	ENHANCED SERVICE LEVELS FOR CALL-PROCESSING SERVICES	04/24/2012

# PENDING APPLICATIONS/PUBLICATIONS

Appl/Pub No.	Title	Filing/Pub Date
12/835965	METHODS AND SYSTEMS FOR TELEPHONY CALL COMPLETION	07/14/2010
12/942366	METHODS AND SYSTEMS FOR CREATING A DYNAMIC CALL LOG AND CONTACT RECORDS	11/09/2010
13/339748	CALL ROUTING APPARATUS	12/29/2011
2012/0057684	SYSTEMS AND METHODS FOR CALL SCREENING	03/08/2012
12/167119	METHODS AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	07/02/2008
2010/0142685	METHODS AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	06/10/2010
12/479595	METHODS AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	06/05/2009
2011/0026701	METHODS AND APPARATUS FOR PROVIDING EXPANDED TELECOMMUNICATIONS SERVICE	02/03/2011
12/275138	APPARATUS AND METHODS FOR TELECOMMUNICATION AUTHENTICATION	11/20/2008
12/184953	CALL PROCESSING AND SUBSCRIBER REGISTRATION SYSTEMS AND METHODS	08/01/2008
12/901999	METHODS AND SYSTEMS FOR TRANSFERRING DATA OVER A NETWORK	10/11/2010
2011/0191441	METHODS AND SYSTEMS FOR TRANSFERRING VOICE MESSAGES AND FAXES OVER A NETWORK	08/04/2011
2006/0142012	METHODS AND SYSTEMS FOR TELEPHONY PROCESSING, INCLUDING LOCATION BASED CALL TRANSFERS	06/29/2006
13/349814	METHODS AND SYSTEMS FOR TELEPHONY CALL-BACK PROCESSING	01/13/2012
12/947656	METHODS AND SYSTEMS FOR ROUTING TELECOMMUNICATIONS	11/16/2010
13/353278	METHODS AND SYSTEMS FOR CALL ROUTING VIA A TELEPHONE NUMBER	01/18/2012
11/496968	METHODS AND SYSTEMS FOR PROVIDING TELEPHONY SERVICES TO FIXED AND MOBILE TELEPHONIC DEVICES	08/01/2006
13/205959	METHODS AND SYSTEMS FOR CALL PROCESSING	08/09/2011
11/582515	METHODS AND SYSTEMS FOR CALL PROCESSING AND FOR PROVIDING CALL PROGRESS STATUS OVER A NETWORK	10/17/2006
13/450113	METHODS AND SYSTEMS FOR CALL PROCESSING IN A WIRELINE AND WIRELESS NETWORKS	04/18/2012
11/676933	METHODS AND SYSTEMS FOR PROVIDING CALL SCREENING USING NETWORK TRIGGERS	02/20/2007
11/697163	METHODS AND SYSTEMS FOR ROUTING CALLS	04/05/2007
11/734174	METHODS AND SYSTEMS FOR CALL COMPLETION	04/11/2007
13/334919	METHODS AND SYSTEMS FOR SPEED DIALING	12/22/2011
13/360554	METHOD AND SYSTEMS FOR SHORT MESSAGE FORWARDING SERVICES	01/27/2012
11/828161	METHODS AND SYSTEMS FOR RETURNING A CALL	07/25/2007
11/854381	METHODS AND SYSTEMS FOR USING INTERACTIVE CHARACTERS IN DYNAMICALLY CREATED CALL LOGS AND CONTACT RECORDS	09/12/2007
11/866250	METHODS AND SYSTEMS FOR BLOCKING UNWANTED TELECOMMUNICATIONS	10/02/2007
13/349855	METHODS AND SYSTEMS FOR PROVIDING TELECOMMUNICATIONS SERVICES	01/13/2012
11/951106	METHODS AND SYSTEMS FOR CONFIRMING MESSAGE DELIVERY	12/05/2007
11/971097	METHODS AND SYSTEMS FOR MANAGING TELECOMMUNICATIONS	01/08/2008
12/046305	METHODS AND SYSTEMS FOR MANAGING TELECOMMUNICATIONS AND FOR TRANSLATING VOICE MESSAGES TO TEXT MESSAGES	03/11/2008
12/113733	METHODS AND SYSTEMS FOR MEDIA STORAGE	05/01/2008

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**PATENT**  
**REEL: 028794 FRAME: 0304**

**PATENT**  
**REEL: 034868 FRAME: 0942**



12/125746	METHODS AND SYSTEMS FOR WEB AND CALL PROCESSING	05/22/2008
13/444312	ENHANCED SERVICE LEVELS FOR CALL-PROCESSING SERVICES	04/11/2012

1270920 v2/SF

**RECORDED: 08/15/2012**

**PATENT**  
**REEL: 028794 FRAME: 0305**

**RECORDED: 02/02/2015**

**PATENT**  
**REEL: 034868 FRAME: 0943**