12/07/2018 505224678

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Babak Rezvani	10/25/2018
Ahmad Seyfi	09/25/2018
Donald Madden	10/19/2018
Gang Qian	09/21/2018

RECEIVING PARTY DATA

Name:	ALARM.COM INCORPORATED	
Street Address:	8281 GREENSBORO DRIVE	
Internal Address:	SUITE 100	
City:	TYSONS	
State/Country:	VIRGINIA	
Postal Code:	22102	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15979096
Application Number:	62505806

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Phone: (202) 626-7726 Email: apsi@fr.com

Correspondent Name: PATRICK DARNO

FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	22888-0243001	
NAME OF SUBMITTER:	ARLENE F. YATES	
SIGNATURE:	/Arlene F. Yates/	
DATE SIGNED:	12/07/2018	

PATENT REEL: 047702 FRAME: 0456 505224678

Total Attachments: 5 source=22888-0243001 Executed Assignment#page1.tif source=22888-0243001 Executed Assignment#page2.tif source=22888-0243001 Executed Assignment#page3.tif

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PATENT REEL: 047702 FRAME: 0457

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>BABAK REZVANI</u>, <u>AHMAD SEYFI</u>, <u>DONALD MADDEN</u>, and <u>GANG QIAN</u>, each individually assigns to <u>ALARM.COM INCORPORATED</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>8281 Greensboro Drive</u>, <u>Suite 100, Tysons, VA 22102</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "<u>MARKER AIDED THREE-DIMENSIONAL MAPPING AND OBJECT LABELING</u>," and was or will be filed in the United States Patent and Trademark Office on <u>May 14, 2018</u>, as application <u>15/979.096</u> (the "Application"), and a provisional patent application that is titled "<u>MARKER AIDED THREE-DIMENSIONAL MAPPING AND OBJECT LABELING</u>," and was filed in the United States Patent and Trademark Office on <u>May 12, 2017</u>, as application <u>62/505,806</u>.

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

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We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Babak 1	Rezvani

Witnessed by:

Signature: _____

Print Name: NICOLA MURPHY

Signature: Yorkum Soulls

Print Name: Carrier Scarello

Date: Out 25 2018

Date: 10/25/18

Date: 10 25 18

Date: 9/75/2018

Witnessed by:

Signature: Not Maply

Print Name: NOLA MUKERY

Signature: Yorkume Scarblo

Print Name: Catherne Scavello

Date: 9/25/18

Date: 9/25/18

Donald Madden

Witnessed by:

Signature: _________

Print Name: WANDREW SCANLON

Signature:

Print Name:

Assignment Page 4 of 5

Gang Qian	Date: $09/21/2018$
Witnessed by:	
Signature: MMM	Date: $\frac{9/21/(8}{}$
Print Name: NICOLA MURPHY	, ,
Signature: <u>Patherne Scanillo</u>	Date: 9/21/18
Print Name: Cathern Scarello	
The Assignee hereby acknowledges and accep	ots the foregoing assignment.
Assignee: ALARM.COM INCORPORATED	
Signature:	Date: 10/25/18
Name: Daniel Ramos	
Title: Seria Vice Presidut	

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RECORDED: 12/07/2018

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