

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM361555

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Qualcomm Incorporated		11/03/2015	CORPORATION: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	PTC Inc.		
<b>Street Address:</b>	140 Kendrick Street		
<b>City:</b>	Needham		
<b>State/Country:</b>	MASSACHUSETTS		
<b>Postal Code:</b>	02494		
<b>Entity Type:</b>	CORPORATION: MASSACHUSETTS		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4258880	VUFORIA	
<b>Registration Number:</b>	4259016		
<b>Registration Number:</b>	4720929	SMART TERRAIN	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2123084844		
<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>			
<b>Phone:</b>	617-239-0135		
<b>Email:</b>	trademark@lockelord.com, kelly.donahue@lockelord.com		
<b>Correspondent Name:</b>	Kelly A. Donahue		
<b>Address Line 1:</b>	FDR Station P.O. Box 130		
<b>Address Line 4:</b>	New York, NEW YORK 10150		
<b>ATTORNEY DOCKET NUMBER:</b>	1440601-01498		
<b>NAME OF SUBMITTER:</b>	Kelly A. Donahue		
<b>SIGNATURE:</b>	/KAD/		
<b>DATE SIGNED:</b>	11/06/2015		
<b>Total Attachments: 5</b>			
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**TRADEMARK ASSIGNMENT AGREEMENT**

This TRADEMARK ASSIGNMENT AGREEMENT (“**Assignment**”) dated November 3, 2015, is made by **QUALCOMM INCORPORATED**, a Delaware corporation (“**Assignor**”), to **PTC INC.**, a Massachusetts corporation (“**Assignee**”).

Assignor is the owner of the trademarks and pending applications therefor identified in **Exhibit A** (collectively, the “**Marks**”) and owns all right, title, and interest in, to, and under all registrations for the Marks, as well as all common law trademark rights and goodwill inherent in the Marks.

Assignee desires to own, and Assignor desires to assign to Assignee, Assignor’s entire right, title and interest in and to the Marks and all accompanying goodwill in the Marks.

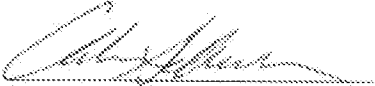
NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

Assignor hereby assigns to Assignee, as a successor-in-interest to the portion of Assignor’s business to which the Marks’ pertain, Assignor’s entire right, title, and interest in and to the Marks and their respective registrations, together with any and all of the goodwill of the business symbolized by and associated with the Marks, and all income, royalties, fees, damages, and payments now or hereafter due or payable with respect thereto, and all rights of actions, powers, and benefit to the Marks, due or accrued, and including the right to sue for and recover in the Assignee’s own name and that of its successors and assigns and other legal representatives all remedies of every nature, including without limitation rights to injunctive relief, damages, profits, royalties, costs, and attorney fees, arising out of any infringement of the Marks, or injury to the related goodwill, occurring prior to or after the date of this Assignment.

Assignor agrees that, upon Assignee’s reasonable request and at Assignee’s sole expense, Assignor will take all lawful action reasonably deemed necessary by Assignee for perfecting, recording, or maintaining the title of Assignee in and to the Marks.

*[Signature page follows.]*

QUALCOMM INCORPORATED



(signature)

Name: Adam Schwenker

Title: Assistant Secretary

Date: \_\_\_\_\_

PTC INC.

\_\_\_\_\_  
(signature)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

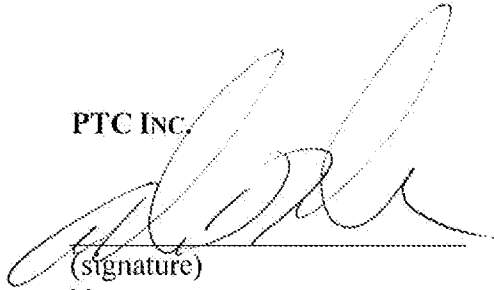
Date: \_\_\_\_\_

[Signature Page to Trademark Assignment Agreement]

QUALCOMM INCORPORATED

\_\_\_\_\_  
(signature)  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

PTC INC.

  
\_\_\_\_\_  
(signature)  
Name: Andrew D. Miller  
Title: EVP, CFO  
Date: 11/03/2015

[Signature Page to Trademark Assignment Agreement]

**Exhibit A****Marks**

Country	Status	Mark Name	Application No	Filed	Registration No	Registered
Australia	Registered	VUFORIA	1484469	04/05/2012	1484469	08/13/2012
Brazil	Allowed	VUFORIA	840082061	04/05/2012		
Canada	Registered	VUFORIA	1572795	04/11/2012	TMA866857	12/06/2013
China	Registered	VUFORIA	10744785	04/10/2012	10744785	06/21/2013
European Community	Registered	VUFORIA	010794659	04/10/2012	010794659	09/10/2012
Hong Kong	Registered	VUFORIA	302213892	04/05/2012	302213892	11/08/2012
India	Registered	VUFORIA	2312445	04/10/2012	2312445	12/12/2013
Indonesia	Pending	VUFORIA	D002012016180	04/10/2012		
Israel	Registered	VUFORIA	245799	04/15/2012	245799	04/15/2012
Japan	Registered	VUFORIA	201227310	04/06/2012	5506149	07/06/2012
Malaysia	Registered	VUFORIA	2012005661	04/06/2012	2012005661	05/29/2013
Mexico	Registered	VUFORIA	1265307	04/11/2012	1309907	09/06/2012
Russia	Registered	VUFORIA	2012710843	04/06/2012	485872	04/23/2013
Singapore	Registered	VUFORIA	T1205083E	04/10/2012	T1205083E	08/24/2012
South Korea	Registered	VUFORIA	20120023045	04/06/2012	400970351	05/21/2013
Switzerland	Registered	VUFORIA	540792012	04/10/2012	632640	08/07/2012
Taiwan	Registered	VUFORIA	101018121	04/05/2012	01550274	12/01/2012
Turkey	Registered	VUFORIA	201232833	04/06/2012	201232833	08/12/2013
United States	Registered	VUFORIA	85/444733	10/11/2011	4258880	12/11/2012
Australia	Registered	VUFORIA Logo (eye)	1491654	05/18/2012	1491654	09/10/2012
Brazil	Allowed	VUFORIA Logo (eye)	840132050	05/21/2012		
Canada	Registered	VUFORIA Logo (eye)	1578361	05/18/2012	TMA866823	12/06/2013
European Community	Registered	VUFORIA Logo (eye)	010893873	05/18/2012	010893873	09/27/2012
Hong Kong	Registered	VUFORIA Logo (eye)	302253933	05/17/2012	302253933	12/28/2012
India	Pending	VUFORIA Logo (eye)	2334781	05/21/2012		
Indonesia	Published	VUFORIA Logo (eye)	D002012024099	05/23/2012		
Israel	Registered	VUFORIA Logo (eye)	246693	05/21/2012	246693	11/03/2013
Japan	Registered	VUFORIA Logo (eye)	2012039387	05/17/2012	5513616	08/10/2012
Malaysia	Registered	VUFORIA Logo (eye)	2012008212	05/18/2012	2012008212	05/17/2013
Mexico	Registered	VUFORIA Logo (eye)	1277098	05/25/2012	1317765	10/03/2012
Russia	Registered	VUFORIA Logo (eye)	2012716196	05/18/2012	490402	06/24/2013
Singapore	Registered	VUFORIA Logo (eye)	T12071681	05/18/2012	T12071681	11/09/2012

Country	Status	Mark Name	Application No	Filed	Registration No	Registered
South Korea	Registered	VUFORIA Logo (eye)	20120032174	05/17/2012	400974827	06/13/2013
Switzerland	Registered	VUFORIA Logo (eye)	558512012	05/18/2012	634964	10/08/2012
Taiwan	Registered	VUFORIA Logo (eye)	101027035	05/17/2012	01553722	12/16/2012
Turkey	Registered	VUFORIA Logo (eye)	201245824	05/18/2012	201245824	11/07/2013
United States	Registered	VUFORIA Logo (eye)	85/482354	11/29/2011	4259016	12/11/2012
Australia	Registered	SMART TERRAIN	1604979	02/10/2014	1604979	04/28/2014
Brazil	Published	SMART TERRAIN	840792280	02/13/2014		
Canada	Refused	SMART TERRAIN	1663099	02/07/2014		
China	Published	SMART TERRAIN	14004960	02/08/2014		
European Community	Registered	SMART TERRAIN	012580031	02/10/2014	012579471	07/08/2014
Hong Kong	Registered	SMART TERRAIN	302890323	02/10/2014	302890323	07/10/2014
India	Refused	SMART TERRAIN	2675528	02/10/2014		
Indonesia	Pending	SMART TERRAIN	D002014005000	02/13/2014		
Israel	Published	SMART TERRAIN	262794	02/09/2014		
Japan	Registered	SMART TERRAIN	2014009514	02/10/2014	5665130	04/18/2014
Korea, Republic of	Refused	SMART TERRAIN	4020140009065	02/10/2014		
Malaysia	Published	SMART TERRAIN	2014051921	02/12/2014		
Mexico	Registered	SMART TERRAIN	1455478	02/10/2014	1458567	05/29/2014
Russian Federation	Registered	SMART TERRAIN	2014703748	02/10/2014	542424	05/18/2015
Singapore	Registered	SMART TERRAIN	T1401869F	02/10/2014	T1401869F	12/30/2014
Switzerland	Registered	SMART TERRAIN	517162014	02/11/2014	660504	06/24/2014
Taiwan, Province of China	Registered	SMART TERRAIN	103007007	02/10/2014	01681091	12/16/2014
Turkey	Published	SMART TERRAIN	201410972	02/10/2014		
United States	Registered	SMART TERRAIN	86/036295	08/13/2013	4720929	04/14/2015