

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4211006

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICK BULLOTTA	04/22/2013
JOHN SCHAEFER	04/22/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THINGWORX
<b>Street Address:</b>	350 EAGLEVIEW BOULEVARD
<b>Internal Address:</b>	SUITE 150
<b>City:</b>	EXTON
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19341
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14751379
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)645-7707
<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>	404-645-7700
<b>Email:</b>	dschubach@mcciplaw.com
<b>Correspondent Name:</b>	MEUNIER CARLIN & CURFMAN LLC
<b>Address Line 1:</b>	999 PEACHTREE STREET NE
<b>Address Line 2:</b>	SUITE 1300
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	10758-015US2
<b>NAME OF SUBMITTER:</b>	DANIELLE ANN SCHUBACH
<b>SIGNATURE:</b>	/Danielle Ann Schubach/
<b>DATE SIGNED:</b>	01/05/2017
<b>Total Attachments: 2</b>	
source=10758-015US1_Assignment1#page1.tif	
source=10758-015US1_Assignment1#page2.tif	

# ASSIGNMENT

WHEREAS, We, **Rick Bullotta**, a citizen of United States, residing at 610 Waterfall Way, Phoenixville, Pennsylvania 19460, and **John Schaefer**, a citizen of United States, residing at 908 Judie Lane, Ambler, Pennsylvania 19002, have invented certain new and useful improvements in **METHODS FOR DYNAMICALLY GENERATING AN APPLICATION INTERFACE FOR A MODELED ENTITY AND DEVICES THEREOF** for which an application for Letters Patent in the United States as U.S. Serial No. 13/678,885, filed November 16, 2012;

AND WHEREAS, **ThingWorx**, with its principal place of business at **350 Eagleview Boulevard, Suite 150, Exton, Pennsylvania 19341**, desires to acquire the entire right, title and interest of the above inventors in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **ThingWorx**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **ThingWorx**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **ThingWorx**, its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **ThingWorx**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of April, 2013.

  
Rick Bullotta

STATE OF Pennsylvania  
COUNTY OF Wester SS:

This 22nd day of April, 2013, before me personally came the above-named **Rick Bullotta**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.


COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Daniel J. Brady, Notary Public

Uwchlan Twp., Chester County

My Commission Expires Jan. 4, 2015

  
Notary Public

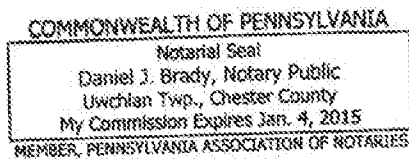
Commission expires on 01/04/2015

April IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of 2013.

John Schaefer  
John Schaefer

STATE OF Pennsylvania  
COUNTY OF Chester SS:

This 22nd day of April, 2013, before me personally came the above-named **John Schaefer**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.



Daniel J. Brady  
Notary Public  
Commission expires on 01/04/2015