## 505486115 05/21/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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VARUN RAMESH MANI	08/23/2018
SARA REMSEN	08/23/2018

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State/Country:	MASSACHUSETTS
Postal Code:	02494

## **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	62674029
Application Number:	16417982

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ATTORNEY DOCKET NUMBER:	PTC-04US02	
NAME OF SUBMITTER:	ALEXANDER FRANCO	
SIGNATURE:	/Alexander Franco/	
DATE SIGNED:	05/21/2019	

# **Total Attachments: 2**

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PATENT 505486115 REEL: 049240 FRAME: 0021

## ASSIGNMENT OF INVENTION

U.S. Application serial number: 62674029 Application filing date: 2018-05-21 Title: Augmented Reality-Based Capture, Processing and Transfer of Occupational Knowledge Inventors: Umar Arshad, Varun Ramesh Mani, Sara Remsen For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged: The undersigned hereby assigns to PTC Inc., a corporation having a principal place of business at 140 Kendrick Street, Needham MA 02494, and its successors and assigns (the "Assignee"), his or her entire right, title and interest, in any invention or improvement that is disclosed in the above-identified patent application and any patent application to which it claims priority, and any and all other applications, whether in the United States or another country or international or regional patent office, which may be filed or may have been filed, either solely or jointly with others, which claim priority to this application or otherwise are directed to said invention or improvements, and in any and all utility patents, utility models, design patents, design registrations, inventors' certificates and like rights of exclusion, whether in the United States or other countries or international or regional patent offices, which may be granted on any of said applications, including any right to claim priority based on the filing date of any of said applications under any law of any country, or under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. The undersigned hereby authorizes the Assignee to apply in any country or international or regional patent office, in the name of the undersigned or the Assignee, for utility patents, utility models, design patents, design registrations, inventors' certificates, and like rights of exclusion for said inventions and improvements. The undersigned hereby warrants that he or she is the owner of the right, title and interest assigned under this Assignment of Invention, and that he or she has the right to assign said right, title and interest, and that there are no outstanding prior assignments or licenses of, or other encumbrances on, said right, title and interest. The undersigned hereby agrees, without further compensation, to execute documents as the Assignee may reasonably request either to effectuate fully this Assignment of Invention or to exercise fully its rights under this Assignment of Invention, and to otherwise cooperate with the Assignee in performing any other acts necessary to obtain, maintain and enforce said rights. Umar Arshad Date

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Date:

Varun Ramesh Mani

Sara Remsen

#### ASSIGNMENT OF INVENTION

U.S. Application serial number: **62674029**Application filing date: **2018-05-21** 

Title:

Augmented Reality-Based Capture, Processing and Transfer of

Occupational Knowledge

Inventors:

Umar Arshad, Varun Ramesh Mani, Sara Remsen

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

The undersigned hereby assigns to PTC inc., a corporation having a principal place of business at 140 Kendrick Street, Needham MA 02494, and its successors and assigns (the "Assignee"), his or her entire right, title and interest, in any invention or improvement that is disclosed in the above-identified patent application and any patent application to which it claims priority, and any and all other applications, whether in the United States or another country or international or regional patent office, which may be filed or may have been filed, either solely or jointly with others, which claim priority to this application or otherwise are directed to said invention or improvements, and in any and all utility patents, utility models, design patents, design registrations, inventors' certificates and like rights of exclusion, whether in the United States or other countries or international or regional patent offices, which may be granted on any of said applications, including any right to claim priority based on the filing date of any of said applications under any law of any country, or under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

The undersigned hereby authorizes the Assignee to apply in any country or international or regional patent office, in the name of the undersigned or the Assignee, for utility patents, utility models, design patents, design registrations, inventors' certificates, and like rights of exclusion for said inventions and improvements.

The undersigned hereby warrants that he or she is the owner of the right, title and interest assigned under this Assignment of Invention, and that he or she has the right to assign said right, title and interest, and that there are no outstanding prior assignments or licenses of, or other encumbrances on, said right, title and interest.

The undersigned hereby agrees, without further compensation, to execute documents as the Assignee may reasonably request either to effectuate fully this Assignment of Invention or to exercise fully its rights under this Assignment of Invention, and to otherwise cooperate with the Assignee in performing any other acts necessary to obtain, maintain and enforce said rights.

	Date:
Umar Arshad	
Voir.	Date: 8/23/[8
Varun Ramesh Mani	·
Swar Revon	Date: 8/23/18
Sara Domcon	

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