

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7055558

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
AIQUDO, INC.	11/30/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	PELTON INTERACTIVE INC.
<b>Street Address:</b>	441 9TH AVE.
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10001

**PROPERTY NUMBERS Total: 35**

Property Type	Number
Application Number:	15984122
Application Number:	62508181
Application Number:	16234221
Application Number:	16038993
Application Number:	62580444
Application Number:	62576800
Application Number:	62576766
Application Number:	16047782
Application Number:	15988620
Application Number:	16234215
Application Number:	16110103
Application Number:	16110108
Application Number:	62611996
Application Number:	16041341
Application Number:	16234219
Application Number:	17366816
Application Number:	62509534
Application Number:	15935992
Application Number:	62624099
Application Number:	15936013

PATENT

Property Type	Number
Application Number:	16261657
Application Number:	15936007
Application Number:	16521504
Application Number:	15936001
Application Number:	62830983
Application Number:	15935983
Application Number:	17216224
Application Number:	17216109
Application Number:	17216200
Application Number:	17353383
Application Number:	17385643
Application Number:	62576804
Application Number:	62610792
Application Number:	62613165
Application Number:	62539866

**CORRESPONDENCE DATA**

**Fax Number:** (816)421-5547

*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.*

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<b>ATTORNEY DOCKET NUMBER:</b>	42577.379042
<b>NAME OF SUBMITTER:</b>	ELIZABETH A. LUCAS
<b>SIGNATURE:</b>	/Elizabeth A. Lucas/
<b>DATE SIGNED:</b>	12/03/2021

**Total Attachments: 7**  
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**ASSIGNMENT**

This patent assignment ("**Assignment**") is made and entered into by and between AIQUDO, INC., a Delaware corporation having a place of business at 1901 South Bascom Avenue, Suite 1220, Campbell, CA 95008 ("**Assignor**") and PELOTON INTERACTIVE INC., a Delaware corporation having a place of business at 125 West 25<sup>th</sup> Street, 11<sup>th</sup> Floor, New York, NY 10001 ("**Assignee**") (each a "**Party**," and collectively the "**Parties**").

WHEREAS Assignor desires to assign to Assignee the Assigned Patent Rights, as defined below, and Assignee desires to receive such Assigned Patent Rights.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. Assignor does hereby sell, assign, and transfer to Assignee, and Assignee hereby accepts, the full and exclusive right, title, and interest throughout the world in and to the following (collectively, the "**Assigned Patent Rights**"):

(a) the patents and patent applications set forth on Schedule A; all patents and patent applications throughout the world related to the patents and patent applications set forth on Schedule A, including, without limitation, issuances, divisionals, continuations, continuations-in-part, substitutions, reissues, extensions, reexaminations, restorations, and renewals thereof; and all counterpart patents and patent applications of any of the foregoing throughout the world;

(b) the inventions disclosed in any of the foregoing;

(c) all rights of any kind of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions, or otherwise throughout the world, including the right to claim priority to and from any of the foregoing;

(d) all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any of the foregoing; and

(e) all claims and causes of action regarding any of the foregoing, including all rights to and claims for damages and other legal or equitable relief for past, present, or future infringement of any of the foregoing.

2. Assignor agrees that Assignee may apply for and/or receive Assigned Patent Rights in its own name. Assignor authorizes and requests the U.S. Patent and Trademark Office and/or any other proper officer or agency of any jurisdiction throughout the world to record this Assignment and issue Assigned Patent Rights to Assignee.

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IN WITNESS WHEREOF, the Parties have executed this Assignment on the dates set forth below.

**ASSIGNOR:  
AIQUDO, INC.**

DocuSigned by:  
By: Rajat Mukherjee  
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Name: Rajat Mukherjee

Title: Assistant Secretary

Date: November <sup>30</sup> \_\_\_\_\_, 2021

**ASSIGNEE:  
PELTON INTERACTIVE INC.**

DocuSigned by:  
By: Steven Estrada  
7DEA6E6961F2454...

Name: Steven Estrada

Title: Senior Legal Director

Date: November <sup>30</sup> \_\_\_\_\_, 2021

**SCHEDULE A**

<b>Jurisdiction</b>	<b>App. No.</b>	<b>Filing Date</b>	<b>Pat. No.</b>	<b>Issue Date</b>	<b>Title</b>
European Patent Convention	19837639.4	12/31/2020			Systems And Methods For Crowdsourced Actions And Commands
Patent Cooperation Treaty	PCT/US2019/042453	07/18/2019			Systems And Methods For Crowdsourced Actions And Commands
United States of America	16/038,993	07/18/2018	11,043,206	06/22/2021	Systems And Methods For Crowdsourced Actions And Commands
China	201880033002.7	11/18/2019			Connecting Multiple Mobile Devices To A Smart Home Assistant Account
European Patent Convention	18802499.6	12/04/2019			Connecting Multiple Mobile Devices To A Smart Home Assistant Account
Patent Cooperation Treaty	PCT/US2018/033342	05/18/2018			Connecting Multiple Mobile Devices To A Smart Home Assistant Account
United States of America	62/509,534	05/22/2017			Connecting Multiple Mobile Devices To A Smart Home Assistant Account
United States of America	15/935,983	03/26/2018	10,466,963	11/05/2019	Connecting Multiple Mobile Devices To A Smart Home Assistant Account
European Patent Convention	18801977.2	12/04/2019			Systems and Methods for Crowdsourced Actions and Commands
Patent Cooperation Treaty	PCT/US2018/033518	05/18/2018			Crowdsourced On-Boarding Of Digital Assistant Operations
United States of America	62/508,181	05/18/2017			System And Method For Crowdsourced Actions And Commands
United States of America	15/984,122	05/18/2018			Crowdsourced On-Boarding Of Digital Assistant Operations
Patent Cooperation Treaty	PCT/US2018/048064	08/27/2018			Crowdsourced Training For Commands Matching

Jurisdiction	App. No.	Filing Date	Pat. No.	Issue Date	Title
United States of America	16/110,103	08/23/2018			Crowdsourced Training For Commands Matching
Patent Cooperation Treaty	PCT/US2018/048066	08/27/2018			Robust Replay of App Actions on Mobile Devices
United States of America	16/110,108	08/23/2018			Robust Replay of Digital Assistant Operations
European Patent Convention	19748228.4	08/15/2020			Personalized Digital Assistant Device And Related Methods
Patent Cooperation Treaty	PCT/US2019/015839	01/30/2019			Personalized Digital Assistant
United States of America	62/624,099	01/30/2018			Personalized Digital Assistant
United States of America	16/261,657	01/30/2019	10,768,954	09/08/2020	Personalized Digital Assistant Device And Related Methods
European Patent Convention	18802060.6	12/04/2019			Optimizing Display Engagement In Action Automation
Patent Cooperation Treaty	PCT/US2018/033453	05/18/2018			Optimizing Display Engagement In Action Automation
United States of America	62/539,866	08/01/2017			Optimizing Display Engagement In Action Automation
United States of America	15/935,992	03/26/2018			Optimizing Display Engagement In Action Automation
Patent Cooperation Treaty	PCT/US2018/048067	08/27/2018			Sharing Commands And Command Groups Across Digital Assistant Operations
United States of America	16/041,341	07/20/2018	10,847,135	11/24/2020	Sharing Commands And Command Groups Across Digital Assistant Operations
Patent Cooperation Treaty	PCT/US2018/067936	12/28/2018			Automated Discourse Phrase Discovery For Generating An Improved Language Model Of A Digital Assistant
United States of America	62/576,800	10/25/2017			A Crowdsourced Digital Assistant Server And Methods

Jurisdiction	App. No.	Filing Date	Pat. No.	Issue Date	Title
United States of America	16/234,215	12/27/2018	10,963,495	03/30/2021	Automated Discourse Phrase Discovery for Generating an Improved Language Model of a Digital Assistant
Patent Cooperation Treaty	PCT/US2018/067992	12/28/2018			Automated Document Cluster Merging For Topic-Based Digital Assistant Interpretation
United States of America	16/234,219	12/27/2018	10,929,613	02/23/2021	Automated Document Cluster Merging for Topic-Based Digital Assistant Interpretation
Patent Cooperation Treaty	PCT/US2018/048063	08/27/2018			Ranking And Boosting Relevant Distributable Digital Assistant Operations
United States of America	16/047,782	07/27/2018	10,698,654	06/30/2020	Ranking And Boosting Relevant Distributable Digital Assistant Operations
Patent Cooperation Treaty	PCT/US2018/068002	12/28/2018			Generating Command-Specific Language Model Discourses for Digital Assistant Interpretation
United States of America	62/580,444	11/01/2017			Automated Method To Create Discourses From User Commands
United States of America	16/234,221	12/27/2018	10,963,499	03/30/2021	Generating Command-Specific Language Model Discourses for Digital Assistant Interpretation
European Patent Convention	18801859.2	12/03/2019			Action Recipes For A Crowdsourced Digital Assistant System
Patent Cooperation Treaty	PCT/US2018/033446	05/18/2018			Action Recipes For A Crowdsourced Digital Assistant System
United States of America	62/613,165	01/03/2018			Action Recipes For A Crowdsourced Digital Assistant System
United States of America	15/936,001	03/26/2018			Action Recipes For A Crowdsourced Digital Assistant System

Jurisdiction	App. No.	Filing Date	Pat. No.	Issue Date	Title
European Patent Convention	18802605.8	12/03/2019			Talk Back From Actions In Applications
Patent Cooperation Treaty	PCT/US2018/033425	05/18/2018			Talk Back From Actions In Applications
United States of America	62/610,792	12/27/2017			Talk Back From Actions In Applications
United States of America	15/936,007	03/26/2018	11,056,105	07/06/2021	Talk Back From Actions In Applications
Patent Cooperation Treaty	PCT/US2018/067938	12/28/2018			Using Translation To Match Commands In Different Languages
United States of America	62/611,996	12/29/2017			Using Translation To Match Commands In Different Languages
United States of America	15/988,620	05/24/2018	10,176,171	01/08/2019	Language Agnostic Command-Understanding Digital Assistant
European Patent Convention	18802893.0	12/03/2019			Cluster Based Search And Recommendation Method To Rapidly On Board Commands In Personal Assistants
Patent Cooperation Treaty	PCT/US2018/033441	05/18/2018			Cluster Based Search And Recommendation Method To Rapidly On Board Commands In Personal Assistants
United States of America	15/936,013	03/26/2018	11,074,280	07/27/2021	Cluster Based Search and Recommendation Method to Rapidly On-Board Commands in Personal Assistants
United States of America	16/521,504	07/24/2019	10,838,746	11/17/2020	Identifying Parameter Values And Determining Features For Boosting Rankings Of Relevant Distributable Digital Assistant Operations
United States of America	62/830,983	04/08/2019			Selective Device Connectivity, Command Recognition, and Action Execution with Digital Voice Recognition



Jurisdiction	App. No.	Filing Date	Pat. No.	Issue Date	Title
United States of America	17/216,109	03/29/2021			Automated Discourse Phrase Discovery for Generating an Improved Language Model of a Digital Assistant
United States of America	17/216,224	03/29/2021			Language Agnostic Command-Understanding Digital Assistant
United States of America	17/216,200	03/29/2021			Generating Command-Specific Language Model Discourses for Digital Assistant Interpretation
United States of America	17/353,383	06/21/2021			Systems And Methods For Crowdsourced Actions And Commands
United States of America	17/366,816	07/02/2021			Talk Back From Actions in Applications
United States of America	17/385,643	07/26/2021			Cluster Based Search and Recommendation Method to Rapidly On-Board Commands in Personal Assistants
United States of America	62/576,804	10/25/2017			Connecting Multiple Mobile Devices to a Smart Home Assistant Account
United States of America	62/576,766	10/25/2017			Crowdsourced Digital Assistant System