## 505879336 01/23/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MOHAMMED IRFAN	09/10/2019
ISRAEL DEL TORO	09/10/2019
SHUANG LIN	09/10/2019

## **RECEIVING PARTY DATA**

Name:	TECHTRONIC CORDLESS GP
Street Address:	100 INNOVATION WAY
City:	ANDERSON
State/Country:	SOUTH CAROLINA
Postal Code:	29625

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	29705845

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 025818-1602-US01

NAME OF SUBMITTER: JODI ANDERSON

SIGNATURE: /jodi anderson/

DATE SIGNED: 01/23/2020

### **Total Attachments: 4**

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PATENT 505879336 REEL: 051601 FRAME: 0851

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PATENT REEL: 051601 FRAME: 0852

#### ASSIGNMENT - WORLDWIDE

We (hereinafter referred to singly and collectively as "ASSIGNOR"):

Mohammed Irfan 968 Bellegray Lane NW Concord, NC 28027

Israel Del Toro 6104 N Gemini Springs Drive Kannapolis, NC 28081

Shuang Lin 9404 Grove Side Lane, Apt 724 Charlotte, NC 28262

pursuant to ASSIGNOR'S obligation to Royal Appliance Mfg. Co. (hereinafter referred to as "Royal") to sell, assign, and convey to Royal or Royal's nominee any and all of ASSIGNOR'S right, title, and interest in and to the present invention, confirm such obligation and hereby sell, assign, and convey to Techtronic Cordless GP (hereinafter referred to as "ASSIGNEE"), a Nevada, USA, general partnership having an address at:

100 Innovation Way Anderson, SC 29625

its successors and assigns, and for other valuable and sufficient consideration, the receipt of which is hereby acknowledged, ASSIGNOR'S entire right, title, and interest in and throughout the world in and to this invention relating to TTI File No. FHV0782D1 entitled:

#### FLOOR CLEANER

Page 1 of 3

V 06/2019

this Assignment; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted, as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions and all improvements and modifications thereof in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the Patent Cooperation Treaty, the Paris Convention, or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Patent Office of each country where applications for Letters Patents are filed to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES to, at ASSIGNEE's expense, (a) communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR about the invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in any country; (c) execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the applicable intellectual property laws.

9/10/2019 Date	Mohammed Irfan	
Date	Israel Del Toro	
09/10/19 Date	Shuang Lin	

Page 2 of 3

this Assignment; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted, as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions and all improvements and modifications thereof in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the Patent Cooperation Treaty, the Paris Convention, or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Patent Office of each country where applications for Letters Patents are filed to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES to, at ASSIGNEE's expense, (a) communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR about the invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in any country; (c) execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the applicable intellectual property laws.

Date	Mohammed Irfan	
09/10/2019	Asrael Del Toro	
Date	Israel Del Toro	
 Date	Shuang Lin	

Page 2 of 3

V 06/2019

Techtronic Cordles	is GP (DA)
BY;	
PRINT NAME	: Preston E. Powell
TITLE:	Manager
DATE:	11-Dec-2019

ASSIGNEE'S ACKNOWLEDGEMENT:

**RECORDED: 01/23/2020**