505894646 01/31/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5941347

CONVEYING PARTY DATA

Name	Execution Date	
JOHN BOHLEN	10/18/2019	
RICHARD FRIEND	11/21/2019	
JOSEPH SAUNDERS	11/21/2019	
SERGEY V. MAKAROV	11/10/2015	
KIRTI KANT PAULLA	11/10/2015	

RECEIVING PARTY DATA

Name:	TECHTRONIC INDUSTRIES CO. LTD.
Street Address:	28/F & 29/F, TOWER 2, KOWLOOK COMMERCE CENTER
Internal Address:	51 KWAI CHEONG ROAD
City:	KWAI CHUNG
State/Country:	HONG KONG

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	62253508
Application Number:	15775146
Application Number:	16600187
Application Number:	16600206

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 025818-8731-US00,01,02,03

NAME OF SUBMITTER: JODI ANDERSON

SIGNATURE: /jodi anderson/

505894646 REEL: 051689 FRAME: 0277

Total Attachments: 7
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PATENT REEL: 051689 FRAME: 0278

ASSIGNMENT - WORLDWIDE

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

John Bohlen 33430 Pettibone Rd Solon, OH 44139

Richard Friend 711 Newport Lane #211 Streetsboro, OH 44241

Joseph Saunders 674 Oakcrest Drive Wadsworth, OH 44281

Sergey V. Makarov 6946 Highview Dr. Solon, OH 44139

Kirti Kant Paulla 7820 Chelsea Jade Lane, Apt # 613 Charlotte, NC 28269

pursuant to ASSIGNOR'S obligation to Royal Appliance Manufacturing Company (hereinafter referred to as "Employer") to sell, assign, and convey to Employer or Employer'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 Industries Co. Ltd. (hereinafter referred to as "ASSIGNEE"), a Hong Kong corporation having its principal place of business at:

28/F & 29/F, Tower 2, Kowlook Commerce Centre 51 Kwai Cheong Road, Kwai Chung, Hong Kong

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. 15US-H-557.1 entitled:

HANDHELD VACUUM CLEANER as set forth in Provisional Patent Application No. 62/253508 , filed on November 10, 2015 in the United States (ASSIGNOR authorizes

Page 1 of 4

V2 10/2015

representative of ASSIGNEE to fill in application number(s), and filing date(s) of application when known after this assignment is executed), as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent now or hereafter filed in any country for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications, (d) all divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, reissue and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention, and any other international agreement; 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 International 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 respecting said 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.

Page 2 of 4

V2.10/2015

10/18/19 Date	Jan Bohlen	*****
Date	Richard Friend	ירירי
Date	Joseph Saunders	****
Date	Sergey V. Makarov	*****
Date	Kirti Kant Paulla	****

Page 3 of 4

V2 10/2013

Date 11 /21/249	John Bohlen ZXX		
Date	Richard Friend		
Date	Joseph Saunders		
Date	Sergey V. Makarov		
Date	Kirti Kant Paulia		

Page 3 of 4

V2 16/2015

Date	John Bohlen
Date	Richard Friend
<u>///2//2/319</u> Date	<u> Joseph Saubders</u> Joseph Saubders
Date	Sergey V. Makarov
Date	Kirti Kant Paulla

Page 3 of 4

V2 10/2015

Date	John Bohlen		
Date	Richard Friend		
Date 11/10/2015	Joseph Saunders Lengey V Vallan		
Date	Sergey (Malarov)		
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Page 3 of 4.

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025818-8731-US00

ASSIGNEE'S ACKNOWLEDGEMENT:

Techtronic Industrie	es Co. Justiliany germany			
BY:	January Company			
PRINT NAME:	<u>David Batts</u>			
TITLE:	Grow Executive Vice President	À	President	Asia
DATES	29 Nov 2019		Purfic	

Page 4 of 4

V2 10/2015

PATENT REEL: 051689 FRAME: 0285