

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7180073

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	06/28/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TECHTRONIC CORDLESS GP	
<b>Street Address:</b>	100 INNOVATION WAY	
<b>City:</b>	ANDERSON	
<b>State/Country:</b>	SOUTH CAROLINA	
<b>Postal Code:</b>	29621	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16601197
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	020872-5685-US01	
<b>NAME OF SUBMITTER:</b>	JANET P. HABINA	
<b>SIGNATURE:</b>	/janet p. habina/	
<b>DATE SIGNED:</b>	02/16/2022	
<b>Total Attachments: 12</b>		
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## ASSIGNMENT AGREEMENT

THIS ASSIGNMENT AGREEMENT, is by and between

(1) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED a company organized under the laws Macau, hereinafter Assignor, and

(2) TECHTRONIC CORDLESS GP, a company organized under the laws of the USA, hereinafter Assignee,

WHEREAS, Assignor is the owner of the entire right, title and interest in and to the utility models, patents, designs, patent applications, utility model applications and design Applications as listed in the attached Appendix I (hereinafter "Utility Models, Patents and Designs") and has agreed to assign the Utility Models, Patents and Designs to Assignee,

AND WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to the Utility Models, Patents and Designs,

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the Utility Models, Patents and Designs including all inventions and designs disclosed therein and any division, continuation or continuation-in-part, or any reissue, reexamination or extension of any one of the Utility Models, Patents and Designs, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which the Utility Models, Patents and Designs may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made,


AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the Utility Models, Patents and Designs, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth,

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and

documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of the Utility Models, Patents and Designs, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with the Utility Models, Patents and Designs, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part, or any reissue, reexamination or extension of any one of the Utility Models, Patents and Designs, is lawful and desirable,

IN WITNESS WHEREOF this Assignment has been executed this Assignment Agreement.


EXECUTED for and on behalf of Assignor )  
by its authorised representative )

  
name: Chan Chi Hong  
title: Director

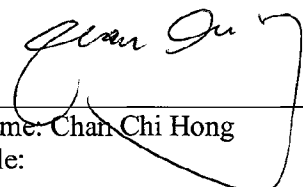
on:

) 28 day of June, 2019

in the presence of:

)   
) name:  
) occupation:


AND EXECUTED for and on behalf of )  
Assignee by its authorised representative )

  
name: Chan Chi Hong  
title:

on:

) 28 day of June, 2019

in the presence of:

)   
) name:  
) occupation:

# Schedule of Utility Models, Patents and Designs

## Appendix I

Reference No.	Country	Application Number	Application Date	Publication No.	Registered Date	Title	Case No.
PTG 4304 DCN	China	201930176692.9	17 Apr 2019			Drill Driver	HCD15805
LGG 1142 DCN1	China	201930071336.0	21 Feb 2019			Clamp for Electric Pruner	HCD15830
LGG 1142 DCN2	China	201930071602.X	21 Feb 2019			Electric Pruner	HCD15831
PTG 4290 DCN	China	201930147896.X	3 Apr 2019			GRINDER	HCD15843
PTG 4289 DCN	China	201930147897.4	3 Apr 2019			Polisher	HCD15844
PTG 4292 DCN	China	201930154628.0	8 Apr 2019			Radio	HCD15846
PTG 4303 DCN /							
PTG 4305 DCN	China	201930188978.9	23 Apr 2019			China	HCD15848
PTG 4302 DCN /							
PTG 4308 DCN	China	201930189252.7	23 Apr 2019			Impact Wrench	HCD15849
PTG 4306 DCN	China	201930189240.4	23 Apr 2019			Angle Grinder	HCD15851
PTG 4307 DCN	China	201930188950.5	23 Apr 2019			Hex Driver	HCD15852
LGG 1215 DCN /							
LGG 1216 DCN	China	201930240203.1	16 May 2019			Mower	HCD15858
PTG 4318 DCN	China	201930215290.5	6 May 2019			Hammer	HCD15860
PTG 4319 DCN	China	201930215096.7	6 May 2019			Saw	HCD15861
PTG 4320 DCN	China	201930215093.3	6 May 2019			Screw Gun	HCD15862
LGG 1223 DCN	China	201930240872.9	17 May 2019			Scarifier	HCD15864
LGG 1227 DCN	China	201930242819.2	17 May 2019			Trimmer	HCD15865
						PTFE COMPOSITE MATERIAL AND PISTON RINGS MADE OF THE SAME	
PTG 2833 PCN	China	201610944443.5	2 Nov 2016				HCP18638
PTG 2864 PCN	China	201710032536.5	16 Jan 2017			ELECTRIC CUTTING TOOLS	HCP18710
						BATTERY PACK AND METHOD OF CONNECTING THE SAME TO EXTERNAL BATTERY SYSTEMS IN PARALLEL	
PTG 4061 PCN	China	201710161176.9	17 Mar 2017				HCP18756
						BATTERY PACKS AND CHARGERS, AND BATTERY PACK KIT FOR POWER TOOLS	
PTG 2870 PCN	China	201710170066.9	21 Mar 2017				HCP18757
PTG 2937 PCN	China	201710499609.1	27 Jun 2017			Energy Recycle on Power Tools	HCP18809
PTG 2950 PCN	China	201710647257.X	1 Aug 2017			SPIRAL HOLE DIGGER	HCP18892
						ELECTRIC HAMMER HAVING SPIRAL IMPACT DEVICE	
PTG 2969 PCN	China	201710800657.X	7 Sep 2017				HCP18894
						ELECTRIC TOOL SYSTEM AND METHOD OF OPERATING THE SAME	
PTG 2854 PCN	China	201710749155.9	28 Aug 2017				HCP18925

Reference No	Country	Application Number	Application Date	Publication No	Filed Date	Title	Case Ref
HCG 0628 PCN	China	201711077756.6	6 Nov 2017			HANDHELD VACUUM CLEANER	HCP18952
025818-1196-CN01	China	201710997069.X	20 Oct 2017			VACUUM CLEANER AND METHOD OF CONTROLLING A MOTOR FOR A BRUSH OF THE VACUUM CLEANER	HCP18996
PTG 2965 PCN	China	201810048299.6	18 Jan 2018			CONNECTOR PLUG ASSEMBLY	HCP18997
PTG 2971 PCN	China	201810095825.4	31 Jan 2018			JIGSAW WITH BLADE CLAMPING MECHANISM	HCP19039
PTG 4137 PCN	China	201810700958.X	29 Jun 2018			ANVIL FOR POWER TOOL AND POWER TOOL	HCP19079
PTG 4040 PCN	China	201810443286.9	10 May 2018			POWER TOOLS WITH CUTTING ELEMENT POSITION CONTROL	HCP19088
PTG 4046 PCN	China	201810107487.1	2 Feb 2018			POWER TOOLS WITH A MANUAL BACKUP SWITCH AND ITS OPERATING METHOD	HCP19097
PTG 4080 PCN	China	201810431869.X	8 May 2018			PNEUMATIC TOOL	HCP19138
PTG 2673 PCN	China	201810414529.6	3 May 2018			Air Heater	HCP19179
PTG 4090 PCN	China	201810834474.4	26 Jul 2018			Pneumatic Tool	HCP19261
PTG 2784 PCN-UM	China	201621216640.7	11 Nov 2016	201621216640.7	20 Jun 2017	Battery Pack	HCP80386
LGG 0961 PCN-UM	China	201720105089.7	24 Jan 2017	201720105089.7	1 Dec 2017	Trimmer guard with edge teeth	HCP80396
PTG 2852 PCN-UM	China	201621342224.1	8 Dec 2016	201621342224.1	22 Sep 2017	PNEUMATIC TOOL	HCP80398
PTG 2881 PCN-UM	China	201720798815.8	4 Jul 2017	201720798815.8	18 May 2018	ANGLE GRINDER AND GUARD FOR THE SAME	HCP80412
PTG 2679 PCN-UM	China	201720620122.X	31 May 2017	201720620122.X	4 May 2018	Screw Driver with Attachment	HCP80415
PTG 2897 PCN-UM	China	201720333448.4	31 Mar 2017	201720333448.4	15 Dec 2017	Master Battery, Slave Battery, and Battery Kit	HCP80417
GIM 0003 PCN-UM	China	201720438026.3	25 Apr 2017	201720438026.3	9 Feb 2018	Flexible Brush Head	HCP80420
PTG 2865 PCN-UM	China	201720500896.9	8 May 2017	201720500896.9	15 May 2018	PORTABLE POWER SUPPLY	HCP80421
						RECHARGEABLE BATTERY PACK	
FHV 0704 UCN00 (CPI code: HOI)	China	201720711306.7	19 Jun 2017	201720711306.7	6 Apr 2018	CPI code: HOI	HCP80422
LGG 0991 PCN-UM	China	201720725128.3	21 Jun 2017	201720725128.3	16 Feb 2018	18V Bug Repeller	HCP80423

Reference No	Country	Application Number	Application Date	Registration No	Registered Date	Title	Case Ref
PTG 2959 PCN-UM	China	201721208551.2	20 Sep 2017	201721208551.2	17 Jul 2018	Blower with Motion Detector	HCP80439
KAA 0030 PCN-UM	China	201721586387.9	23 Nov 2017	201721586387.9	23 Apr 2019	Food Processor and Blade Base Thereof	HCP80446
LGG 0968 PCN-UM	China	201721270623.6	29 Sep 2017	201721270623.6	21 Aug 2018	Motorized Seed Spreader	HCP80447
PTG 2697 PCN-UM	China	201721376433.2	24 Oct 2017	201721376433.2	15 Jun 2018	Tool-less System	HCP80453
PTG 4019 PCN-UM	China	201820076218.9	17 Jan 2018	201820076218.9	31 Aug 2018	BATTERY MANAGEMENT SYSTEM	HCP80470
LGG 1020 PCN-UM	China	201820159789.9	30 Jan 2018	201820159789.9	8 Jan 2019	Harness	HCP80471
BTG 4099 PCN-UM	China	201820628452.8	28 Apr 2018	201820628452.8	29 Jan 2019	Connector of the stopper support mounting rack and miter saw mounting rack	HCP80474
BTG 4104 PCN-UM	China	201820689441.0	9 May 2018	201820689441.0	23 Apr 2019	Quick release lock lever	HCP80475
PTG 4058 PCN-UM	China	201820278528.9	27 Feb 2018	201820278528.9	3 May 2019	POUCH BATTERY WITH SAFETY PROTECTION FUNCTION	HCP80477
PTG 4037 PCN-UM	China	201820288802.0	1 Mar 2018	201820288802.0	26 Mar 2019	Powerful Vacuum Cleaner	HCP80478
LGG 1193 PCN-UM	China	201820278209.8	27 Feb 2018	201820278209.8	26 Mar 2019	Electric Mower Control	HCP80479
PTG 4054 PCN-UM	China	201820487012.5	8 Apr 2018	201820487012.5	1 Jan 2019	Die Casting Innovation	HCP80484
PTG 4138 PCN-UM	China	201821364037.2	23 Aug 2018	201821364037.2	17 May 2019	Multi-material Saw	HCP80494
PTG 4098 PCN-UM	China	201821816783.0	5 Nov 2018			Push-Drive Mechanism And Electric Screwdriver Containing The Same	HCP80497
PTG 2697 PCN2-UM	China	201920281450.0	5 Mar 2019			New multi tool blade tool-less system	HCP80502
VAC 0022 PCN-UM	China	201821328594.9	16 Aug 2018			HANDHELD CLEANING DEVICE	HCP80514
LGG 1113 PCN-UM	China	201821576459.6	26 Sep 2018			MECHANICAL APPARATUS AND SAFETY SWITCH DEVICE FOR MECHANICAL APPARATUS	HCP80516
PTG 4196 PCN-UM	China	201920321993.0	13 Mar 2019			Power Tools	HCP80541

Reference No.	Country	Application Number	Application Date	Registration No.	Registration Date	Title	Case Ref
PTG 4212 PCN-UM	China	201920140172.7	25 Jan 2019			DRIVE ASSEMBLY FOR GENERATING IMPACT IN ROTARY TOOLS	HCP80550
PTG 4127 PCN-UM	China	201920362504.6	20 Mar 2019			Electric Car Jack with Manual Mode	HCP80560
PTG 4112 PCN-UM	China	201920284421.X	6 Mar 2019			GUIDE ADJUSTMENT MECHANISM FOR ELECTRIC CUTTING TOOL	HCP80578
PTG 4106 PCN-UM	China	201920499635.9	12 Apr 2019			Air Deflector for Chip Exhaust for a Planer	HCP80592
PTG 4298 PCN-UM	China	201920648981.9	7 May 2019			Jig Saw Blade Release Mechanism	HCP80607
PTG 2626 PAU2	Australia	2019203762	29 May 2019			Brushless Can Motor	HFP07591A U-A
LGG 0938 PWO	Patent Cooperation Treaty	PCT/CN2016/097788	1 Sep 2016			A Walk Behind Working Machine	HFP07882
PTG 2733 PWO	Patent Cooperation Treaty	PCT/CN2016/107698	29 Nov 2016			Battery Pack with Multiple Output Modes	HFP07904
LGG 0955 PWO	Patent Cooperation Treaty	PCT/CN2016/102197	14 Oct 2016			Line Trimmer	HFP07906
LGG 0954 PWO	Patent Cooperation Treaty	PCT/CN2017/092613	12 Jul 2017			Dual AC/DC motors with clutch for pressure washers	HFP07966
PTG 2863 PWO	Patent Cooperation Treaty	PCT/CN2017/078971	31 Mar 2017			Scalable Battery System	HFP08007
020872-8808-WO/00 (TTI ref. PTG 2791 PCT)	Patent Cooperation Treaty	PCT/CN2017/070751	10 Jan 2017			OSCILLATING TOOL WITH MULTIPLE OSCILLATING ANGLES	HFP08028
LGG 0965 PWO	Patent Cooperation Treaty	PCT/CN2017/072421	24 Jan 2017			BATTERY TERMINAL HOLDER FOR ELECTRIC TOOLS	HFP08031
LGG 0964 PEP	European Patent Office	17162856.3	24 Mar 2017			18V Digging Tool	HFP08040
LGG 0909 PWO	Patent Cooperation Treaty	PCT/CN2017/083573	9 May 2017			A POWER TOOL AND A DRIVING MECHANISM FOR USE IN A POWER TOOL	HFP08041



Reference No	Country	Application Number	Application Date	Registration No.	Registration Date	Title	Case Ref
025818-1050-W000	Patent Cooperation Treaty	PCT/CN2017/074998	27 Feb 2017			HANDHELD VACUUM CLEANER	HFP08071
025818-1052-W000	Patent Cooperation Treaty	PCT/CN2017/075038	27 Feb 2017			HANDHELD VACUUM CLEANER	HFP08073
025818-1053-W000	Patent Cooperation Treaty	PCT/CN2017/075034	27 Feb 2017			HANDHELD VACUUM CLEANER	HFP08074
025818-1054-W000	Patent Cooperation Treaty	PCT/CN2017/075024	27 Feb 2017			HANDHELD VACUUM CLEANER	HFP08075
PTG 2905 PWO	Patent Cooperation Treaty	PCT/CN2017/077465	21 Mar 2017			Brushless Motor	HFP08107
PTG 2692 PWO2	Patent Cooperation Treaty	PCT/CN2017/078146	24 Mar 2017			Power Tools with Integrated Circuit Boards	HFP08108
LG 0593 PEP	European Patent Office	17178417.6	28 Jun 2017			A RECIPROCATING TOOL AND A METHOD TO CONTROL THEREOF	HFP08163
PTG 2957 PWO	Patent Cooperation Treaty	PCT/CN2017/114886	7 Dec 2017			CHAMFERING PLANER WITH NEGATIVE DEPTH OF CUT	HFP08226
LG 1061 PEP	European Patent Office	18156801.5	14 Feb 2018			Ryobi Smart Mower	HFP08251
LG 0888 PWO3	Patent Cooperation Treaty	PCT/CN2018/076521	12 Feb 2018			BATTERY PACK CONTAINING A ROTATABLE CONNECTOR	HFP08258
LG 1018 PWO	Patent Cooperation Treaty	PCT/CN2018/075101	2 Feb 2018			Dual Voltage feature of backpack sprayer	HFP08259
LG 1074 PWO	Patent Cooperation Treaty	PCT/CN2018/074354	26 Jan 2018			JOB SITE SECURITY SYSTEM AND METHOD OF USE THEREFOR	HFP08289
LG 1066 PEP	European Patent Office	18153714.3	26 Jan 2018			MOTION MONITORING DEVICE FOR HANDHELD TOOL	HFP08302

Reference No.	Country	Application Number	Application Date	Registration No.	Registered Date	Title	Case Ref.
PTG 4031 PWO	Patent Cooperation Treaty	PCT/CN2018/074349	26 Jan 2018			POWER TOOL COOPERATION CONTROL/FEEDBACK/SENSOR SYSTEM	HFP08304
PTG 4083 PWO	Patent Cooperation Treaty	PCT/CN2018/085313	2 May 2018			Machine Tool and Related Machine Tool System	HFP08309
LGG 1090 PEP	European Patent Office	18172114.3	14 May 2018			CUTTING HEAD ASSEMBLY	HFP08322
LGG 1089 PEP	European Patent Office	18182687.6	10 Jul 2018			HEDGE TRIMMER	HFP08323
LGG 1091 PEP	European Patent Office	18180959.1	29 Jun 2018			WALK-BEHIND ELECTRIC GARDENING DEVICE	HFP08324
PTG 4038 PWO	Patent Cooperation Treaty	PCT/CN2018/094467	4 Jul 2018			Battery Charger for Multiple Battery Packs	HFP08328
PTG 4020 PWO	Patent Cooperation Treaty	PCT/CN2018/073780	23 Jan 2018			MULTIFUNCTIONAL BATTERY PACK CHARGER	HFP08339
LGG 1099 PWO	Patent Cooperation Treaty	PCT/CN2018/076826	14 Feb 2018			OUTER ROTOR MOTOR	HFP08342
LGG 1040 PWO	Patent Cooperation Treaty	PCT/CN2018/102780	28 Aug 2018			AN AUTONOMOUS LAWN MOWER AND A SYSTEM FOR NAVIGATING THEREOF	HFP08350
LGG 1107 PEP	European Patent Office	18185596.6	25 Jul 2018			Outdoor Surface Treating Apparatus And Associated Accessory Tool Assembly	HFP08416
PTG 4118 PWO	Patent Cooperation Treaty	PCT/CN2018/109608	10 Oct 2018			LASER LEVEL WITH ELECTRONIC TILT SENSOR	HFP08439
PTG 4121 PWO	Patent Cooperation Treaty	PCT/CN2018/097741	30 Jul 2018			Powerfile motor location	HFP08450
PTG 4122 PWO	Patent Cooperation Treaty	PCT/CN2018/104356	6 Sep 2018			ROTARY IMPACT TOOLS WITH NOISE REDUCTION MECHANISM	HFP08451

Reference No	Country	Application Number	Application Date	Registration No	Registered Title	Class Ref
LGG 0888 PWO7	Patent Cooperation Treaty	PCT/CN2018/111051	19 Oct 2018		Battery Packs Containing a Configurable Terminal Holder	HFP08455
FOR 571 P13 US00 (MB Ref. 206190-9271)	United States of America	62/639,601	7 Mar 2018		Hand Vac with magnetic valve connection	HFP08461
LGG 1114 IEP	European Patent Office				Edger Guide	HFP08464
tba	Patent Cooperation Treaty				AN AUTONOMOUS LAWN MOWER AND A SYSTEM FOR NAVIGATING THEREOF	HFP08468
FOR 571 P10 US00 (MB Ref. 206190-9267-US01)	United States of America	62/564,432	28 Sep 2017		IR Fill Sensor	HFP08479
FOR 571 P10 US01 (MB Ref. 206190-9267-US02)	United States of America	62/572,225	13 Oct 2017		IR Fill Sensor (updated disclosure)	HFP08480
FOR 571 P10 US02 (MB Ref. 206190-9267-US03)	United States of America	62/572,229	13 Oct 2017		Transparent housing for IR Fill Sensor	HFP08481
PTG 4108 PWO	Patent Cooperation Treaty	PCT/CN2019/071758	15 Jan 2019		A POWER TOOL WITH SAFETY LINKAGE MECHANISM	HFP08507
PTG 4152 PWO	Patent Cooperation Treaty				tba	HFP08511
025818-1233-WO01	Patent Cooperation Treaty	PCT/CN2018/096301	19 Jul 2018		Vacuum Cleaner	HFP08522
PTG 4074 PWO	Patent Cooperation Treaty	PCT/CN2018/113695	2 Nov 2018		Dual Blade Reciprocating Saw	HFP08543
LGG 1097 PWO	Patent Cooperation Treaty	PCT/CN2018/114843	9 Nov 2018		Belt-Drive Modular Mower CONNECTOR FOR COUPLING AN ATTACHMENT TO A POWER TOOL	HFP08547
PTG 4151 PWO	Patent Cooperation Treaty	PCT/CN2018/120202	11 Dec 2018			HFP08548

Reference No	Country	Application Number	Application Date	Registration No.	Registered Date	Title	Case Ref.
LGG 1141 PWO1	Patent Cooperation Treaty	PCT/CN2018/105739	14 Sep 2018			A NAVIGATION SYSTEM FOR USE IN AN AUTONOMOUS TOOL AND A METHOD FOR CONTROLLING AN AUTONOMOUS TOOL	HFP08553
LGG 1141 PWO3	Patent Cooperation Treaty	PCT/CN2018/108370	28 Sep 2018			A DOCKING STATION FOR USE WITH AN AUTONOMOUS TOOL, AN AUTONOMOUS LAWN MOWER AND A METHOD OF GUIDING AN AUTONOMOUS TOOL TOWARDS A DOCKING STATION	HFP08564
LGG 1141 PWO2	Patent Cooperation Treaty	PCT/CN2018/108369	28 Sep 2018			AN ELECTRONIC COMMUNICATION DEVICE FOR USE IN A NAVIGATION SYSTEM	HFP08569
LGG 1141 PWO4	Patent Cooperation Treaty	PCT/CN2018/108368	28 Sep 2018			A GRASS MAINTENANCE SYSTEM	HFP08576
HHT 0241 PWO	Patent Cooperation Treaty	PCT/CN2018/107845	27 Sep 2018			ELECTRONIC MEASURING DEVICE AND METHOD THEREOF	HFP08583
PTG 4241 PWO	Patent Cooperation Treaty					Ratchet Spindle Lock for Nailers	HFP08668
PTG 4221 PWO	Patent Cooperation Treaty	PCT/CN2019/076311	27 Feb 2019			Tool and method for setting an anchor	HFP08689
HCG 0602 PWO - H14201WO	Patent Cooperation Treaty	PCT/GB2017/051788	19 Jun 2017			Cyclonic Separator Device	HFP08699
HCG 0602 PWO - H14200WO	Patent Cooperation Treaty	PCT/GB2017/051786	19 Jun 2017			Surface Cleaning Apparatus SYSTEM AND METHOD FOR CONTROLLING A MOTOR BASED ON TEMPERATURE	HFP08700
FHV 0737 P-7	United States of America	62/801,758	6 Feb 2019			BATTERY POWERED VACUUM CLEANER	HFP08702
FCO 759	United States of America	62/803,811	11 Feb 2019				HFP08703

Reference No	Country	Application Number	Application Date	Registration No	Registration Date	Title	Class/Incl
LGG 1170 PEP	European Patent Office	19167915.8	8 Apr 2019			Blow and Vacuum 2 in 1 gutter cleaner	HFP08708
FHV 0737 P4	United States of America	62/808,527	21 Feb 2019			FLOOR CLEANER	HFP08719
PTG 4280 PWO	Patent Cooperation Treaty					Oil Pulse Impact Driver with Hydraulic Impact in Axial Direction	HFP08735
PTG 4154 PWO	Patent Cooperation Treaty					3 Speed Gear Box	HFP08739
FHV0737P4	United States of America	62/824,043	26 Mar 2019			FLOOR CLEANER	HFP08740
FHV0737P-10	United States of America	62/825,459	28 Mar 2019			FLOOR CLEANER AND TRAY	HFP08741
LGG 0972 PHK	Hong Kong	16113659.7	30 Nov 2016			Tool Security Glove	HKS00755
LGG 1062 PHK	Hong Kong	18108189.4	26 Jun 2018			POWERED LAWN DETHATCHER	HKS00828
LGG 1098 PHK	Hong Kong	18101326.3	26 Jan 2018			AN ELECTRICAL APPARATUS, A POWER SYSTEM, A POWER TOOL, A NETWORK OF POWER TOOLS AND A POWER TOOL CONTROLLER	HKS00840
LGG 1115 PHK	Hong Kong	18105736.8	3 May 2018			AN ELECTRICAL CART	HKS00858
LGG 0853 PHK	Hong Kong	18113809.4	29 Oct 2018			MOWER	HKS00892
PTG 2984 PHK2	Hong Kong	18110557.4	16 Aug 2018			Liquid Dispensing Device Having Nozzle and Needle as an Assembly	HKS00894A
PTG 2984 PHK3	Hong Kong	18110556.5	16 Aug 2018			LIQUID DISPENSING DEVICE HAVING AN EDGER ACCESSORY	HKS00894B
LGG 1126 PHK	Hong Kong	19101463.5	28 Jan 2019			A CONTAINER FOR RETAINING AN ENERGY SOURCE	HKS00926

Reference No	Country	Application Number	Application Date	Registration No.	Registration Date	Inventor	Case Ref.
PTG 4288 PHK	Hong Kong	19/122350.2	15 Apr 2019			Noise Reduction GARDENING TOOL AND DEBRIS COLLECTOR FOR A GARDENING TOOL	HKSO0955
LGG 1214 PHK	Hong Kong	19/123958.1	17 May 2019				HKSO0957

PATENT

REEL: 059131 FRAME: 0452

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