

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7329427

|                                                                                                                                                                                                 |                                          |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------|
| <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  | 12/17/2019            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                          |                       |
| <b>Name:</b>                                                                                                                                                                                    | TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED |                       |
| <b>Street Address:</b>                                                                                                                                                                          | ROAD TOWN                                |                       |
| <b>City:</b>                                                                                                                                                                                    | TORTOLA                                  |                       |
| <b>State/Country:</b>                                                                                                                                                                           | VIRGIN ISLANDS, BRITISH                  |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                          |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>                     | <b>Number</b>         |
|                                                                                                                                                                                                 | <b>Application Number:</b>               | 16327948              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                          |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (414)277-0656                            |                       |
| <i>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.</i> |                                          |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 414-271-6560                             |                       |
| <b>Email:</b>                                                                                                                                                                                   | mkeipdocket@michaelbest.com              |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | MICHAEL BEST & FRIEDRICH LLP             |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 790 N WATER STREET                       |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | SUITE 2500                               |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | MILWAUKEE, WISCONSIN 53202-4108          |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 025818-1051-US02                         |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | JODI ANDERSON                            |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /jodi anderson/                          |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 05/13/2022                               |                       |
| <b>Total Attachments: 31</b>                                                                                                                                                                    |                                          |                       |
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**TTI MCO PATENT ASSIGNMENT AGREEMENT WITH TFCTL**

THIS TTI MCO PATENT ASSIGNMENT AGREEMENT WITH TFCTL ("Assignment Agreement"), having an Effective Date being the date this agreement has been properly executed by the parties, is by and between

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

(2) TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED, a company organized under the laws of the British Virgin Islands, hereinafter Assignee,

WHEREAS, Assignor has rights in and to the Patents and Patent Applications listed in the attached Schedule of Patents and Patent Applications (hereinafter the Patents and Patent Applications) by assignment and intercompany agreements, and pursuant to prior agreement has agreed to assign its rights and legal title to the Patents and Patent Applications to Assignee as of May 17, 2019,

AND WHEREAS, Assignee is desirous of acquiring Assignor's right and legal title in and to the Patents and Patent Applications,

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and by these presents does Assignor hereby distribute, assign, transfer and set over, unto Assignee, its successors and assigns, and Assignee hereby accepts, all of Assignor's right, title and interest in and to the Patents and Patent Applications including: all inventions disclosed therein; all patents that issue from the Patent Applications; any division, continuation or continuation-in-part, or any reissue, reexamination or extension of any of the Patents and Patent Applications and all inventions disclosed therein; the right to claim priority to any of the foregoing; all rights of Assignor under any licenses, agreements or contract rights with respect to any of the Patents and Patent Applications (hereinafter the Licenses), including all royalties, fees, income, payments and other proceeds now or hereafter due or payable to Assignor under or in connection with any of the Licenses; and the right to take all such proceedings for the recovery of damages or other forms of relief in respect of all claims and causes of action, and to receive any recovery therefrom, with respect to any of the Patents and Patent Applications and Licenses related thereto, whether accruing before, on or after the Effective Date, 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 Patents and Patent Applications may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made,

AND for the same consideration, Assignor hereby represents and warrants 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

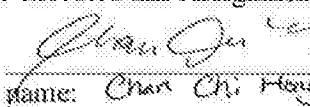
have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the Patents and Patent Applications, and that the same are unencumbered and that Assignor has good and full right and lawful authority to distribute and convey the same in the manner herein set forth,

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: for the procurement, maintenance, enforcement and defense of the Patents and Patent Applications; to effect, record, perfect or enforce the transfers set forth in this Assignment Agreement; to evidence that any proceeding in connection with the Patents and Patent Applications, including but not limited to interference proceedings, is lawful and desirable; or, to evidence that any division, continuation or continuation-in-part, or any reissue, reexamination or extension of any one of the Patents and Patent Applications, is lawful and desirable.

The rights and obligations of the parties under this Assignment Agreement shall be governed in all respects by the laws of the state of New York, United States exclusively, without regard to conflict of law provisions.

IN WITNESS WHEREOF the parties have executed this Assignment Agreement.

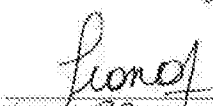
EXECUTED for and on behalf of Assignor )  
by its authorised representative )

  
name: Chan Chi Hong  
title: Director

on:

17 day of December, 2019

in the presence of:

  
name: P. R. O. S. Emmanuel  
occupation: VP Deputy General Counsel

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

name:  
title:

on:

day of , 2019

in the presence of:

name:  
occupation:

have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the Patents and Patent Applications, and that the same are unencumbered and that Assignor has good and full right and lawful authority to distribute and convey the same in the manner herein set forth,

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: for the procurement, maintenance, enforcement and defense of the Patents and Patent Applications; to effect, record, perfect or enforce the transfers set forth in this Assignment Agreement; to evidence that any proceeding in connection with the Patents and Patent Applications, including but not limited to interference proceedings, is lawful and desirable; or, to evidence that any division, continuation or continuation-in-part, or any reissue, reexamination or extension of any one of the Patents and Patent Applications, is lawful and desirable.

The rights and obligations of the parties under this Assignment Agreement shall be governed in all respects by the laws of the state of New York, United States exclusively, without regard to conflict of law provisions.

IN WITNESS WHEREOF the parties have executed this Assignment Agreement.

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

name:  
title:

on:

) day of , 2019

in the presence of:

) name:

) occupation:

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

name: Brian C. Powell  
title: Director

on:

) 21 day of January, 2019

in the presence of:

) Kristy Edwards  
name: Kristy Edwards  
occupation: Paralegal

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Schedule of Patents and Patent Applications

| Reference No.           | Country   | Application Number | Application Date | Registration Number | Registration Date | Title                   |
|-------------------------|-----------|--------------------|------------------|---------------------|-------------------|-------------------------|
| 15US-11-557.1 - AU case | Australia | 201611423          | 15-Mar-2016      | 201611423           | 27-Apr-2016       | Handheld Vacuum Cleaner |
| HCG 0493 DAU1           | Australia | 201611880          | 5-Apr-2016       | 201611880           | 15-Apr-2016       | Vacuum Cleaner          |
| HCG 0493 DAU2           | Australia | 201611881          | 5-Apr-2016       | 201611881           | 22-Apr-2016       | Vacuum Cleaner          |
| HCG 0493 DAU3           | Australia | 201611882          | 5-Apr-2016       | 201611882           | 15-Apr-2016       | Vacuum Cleaner          |
| HCG 0512 DAU            | Australia | 201612160          | 22-Apr-2016      | 201612160           | 1-Jun-2016        | Vacuum Cleaner          |
| HCG 0512 DAU2           | Australia | 201612162          | 22-Apr-2016      | 201612162           | 1-Jun-2016        | Vacuum Cleaner          |
| HCG 0488 DAU3           | Australia | 201612163          | 22-Apr-2016      | 201612163           | 1-Jun-2016        | Vacuum Cleaner          |
| HCG 0488 DAU4           | Australia | 201612164          | 22-Apr-2016      | 201612164           | 1-Jun-2016        | Vacuum Cleaner          |
| HCG 0493 DAU4           | Australia | 201614177          | 2-Aug-2016       | 201614177           | 5-Aug-2016        | Vacuum Cleaner          |
| FDD 0019 D AU00         | Australia | 201614601          | 23-Aug-2016      | 201614601           | 7-Sep-2016        | HANDHELD VACUUM CLEANER |
| FDD 0016 D AU00         | Australia | 201614603          | 23-Aug-2016      | 201614603           | 7-Sep-2016        | HANDHELD VACUUM CLEANER |
| HCG 0493 DAU5A          | Australia | 201616681          | 30-Nov-2016      | 201616681           | 30-Nov-2016       | Vacuum Cleaner          |
| HCG 0493 DAU5B          | Australia | 201616682          | 30-Nov-2016      | 201616682           | 3-Jan-2017        | Vacuum Cleaner          |
| HCG 0602 DAU            | Australia | 201710096          | 11-Jan-2017      | 201710096           | 31-Jan-2017       | Vacuum Cleaner          |
| FHV 0359 DAU3           | Australia | 201711164          | 27-Feb-2017      | 201711164           | 28-Mar-2017       | HANDHELD VACUUM CLEANER |
| FHV 0359 DAU4           | Australia | 201711165          | 27-Feb-2017      | 201711165           | 28-Mar-2017       | HANDHELD VACUUM CLEANER |
| FOR 0571 DAU01          | Australia | 201712063          | 7-Apr-2017       | 201712063           | 26-Apr-2017       | HANDHELD VACUUM CLEANER |
| FOR 0571 DAU02          | Australia | 201712064          | 7-Apr-2017       | 201712064           | 27-Apr-2017       | HANDHELD VACUUM CLEANER |
| FHV 0702 D-1 AU00       | Australia | 201713160          | 26-May-2017      | 201713160           | 13-Jun-2017       | VACUUM CLEANER          |
| FHV 0702 D-2 AU00       | Australia | 201713161          | 26-May-2017      | 201713161           | 13-Jun-2017       | VACUUM CLEANER          |

| Reference No.                             | Country   | Application Number | Application Date | Registration Number | Registration Date | Title                       |
|-------------------------------------------|-----------|--------------------|------------------|---------------------|-------------------|-----------------------------|
| FHV 0704 D-4 AU00                         | Australia | 201713401          | 7-Jun-2017       | 201713401           | 7-Jun-2017        | BATTERY CHARGER             |
| FHV 0704 D-1 AU00                         | Australia | 201713402          | 7-Jun-2017       | 201713402           | 19-Jun-2017       | BATTERY                     |
| FHV 0704 D-1 AU00                         | Australia | 201713403          | 7-Jun-2017       | 201713403           | 19-Jun-2017       | BATTERY                     |
| FOR 0020 DAU00<br>(Project ORECK UPRIGHT) | Australia | 201717015          | 17-Nov-2017      | 201717015           | 19-Dec-2017       | VACUUM CLEANER              |
| FHV0702D-03 AU01                          | Australia | 201717539          | 8-Dec-2017       | 201717539           | 4-Jan-2018        | VACUUM CLEANER              |
| FHV 0725D-1 AU00                          | Australia | 201810103          | 9-Jan-2018       | 201810103           | 8-Feb-2018        | HANDHELD VACUUM CLEANER     |
| FHV 0725D-1 AU01                          | Australia | 201810104          | 9-Jan-2018       | 201810104           | 8-Feb-2018        | HANDHELD VACUUM CLEANER     |
| FHV 0725D-1 AU02                          | Australia | 201810105          | 9-Jan-2018       | 201810105           | 8-Feb-2018        | HANDHELD VACUUM CLEANER     |
| FHV 0725D-1 AU03                          | Australia | 201810106          | 9-Jan-2018       | 201810106           | 8-Feb-2018        | HANDHELD VACUUM CLEANER     |
| HCG 0638 DAU1                             | Australia | 201810811          | 12-Feb-2018      | 201810811           | 8-Mar-2018        | Floor Tool                  |
| HCG 0639 DAU1                             | Australia | 201810814          | 12-Feb-2018      | 201810814           | 8-Mar-2018        | Floor Tool                  |
| HCG 0602 DAU4                             | Australia | 201812075          | 9-Apr-2018       | 201812075           | 2-May-2018        | Vacuum Cleaner              |
| HCG 0602 DAU2                             | Australia | 201812121          | 11-Apr-2018      | 201812121           | 10-May-2018       | Wall Mount                  |
| HCG 0602 DAU3                             | Australia | 201812123          | 11-Apr-2018      | 201812123           | 7-May-2018        | Handheld Vacuum Cleaner     |
| FOR 0571 DAU3                             | Australia | 201812604          | 2-May-2018       | 201812604           | 3-Aug-2018        | FOOT FOR A VACUUM CLEANER   |
| FOR 0571 DAU3-2                           | Australia | 201812607          | 2-May-2018       | 201812607           | 1-Aug-2018        | FOOT FOR A VACUUM CLEANER   |
| FOR 0571 DAU4                             | Australia | 201812645          | 3-May-2018       | 201812645           | 31-Jul-2018       | HOUSING FOR A VACUUM FILTER |
| 025818-1395-AU01                          | Australia | 201814712          | 8-Aug-2018       | 201814712           | 9-Nov-2018        | FLOOR CLEANER               |
| FHV 0750 DAU1                             | Australia | 201816828          | 15-Nov-2018      | 201816828           | 12-Dec-2018       | BATTERY                     |
| FHV 0750 DAU1-2                           | Australia | 201816830          | 15-Nov-2018      | 201816830           | 12-Dec-2018       | BATTERY                     |
| FHV 0750 DAU2                             | Australia | 201816831          | 15-Nov-2018      | 201816831           | 11-Dec-2018       | BATTERY                     |

| Reference No.                        | Country   | Application Number | Application Date | Registration Number | Registration Date | Title                                                                         |
|--------------------------------------|-----------|--------------------|------------------|---------------------|-------------------|-------------------------------------------------------------------------------|
| FHV 0750 DAU2-2                      | Australia | 201816835          | 15-Nov-2018      | 201816835           | 12-Dec-2018       | BATTERY                                                                       |
| FHV 0750 DAU3                        | Australia | 201816945          | 20-Nov-2018      | 201816945           | 18-Dec-2018       | BATTERY CHARGER                                                               |
| FHV 0750 DAU3-2                      | Australia | 201816949          | 20-Nov-2018      | 201816949           | 20-Dec-2018       | BATTERY CHARGER                                                               |
| FHV 0750 DAU3-3                      | Australia | 201816965          | 20-Nov-2018      | 201816965           | 11-Jan-2019       | Battery Charger                                                               |
| FHV 0748 DAU                         | Australia | 201817063          | 26-Nov-2018      | 201817063           | 5-Mar-2019        | PORTABLE SPOT CLEANER                                                         |
| HCG 0602 DAU5                        | Australia | 201910639          | 6-Feb-2019       | 201910639           | 17-Mar-2019       | Floor Tool                                                                    |
| FHV 0748 DAU 2                       | Australia | 201911121          | 1-Mar-2019       | 201911121           | 5-Apr-2019        | PORTABLE SPOT CLEANER                                                         |
| MOD15AU-D372                         | Australia | 2016100448         | 22-Apr-2016      | 2016100448          | 12-May-2016       | Vacuum Cleaning Tool                                                          |
| MOD14AU-E-548 I HYENA                | Australia | 2016100574         | 12-May-2016      | 2016100574          | 26-May-2016       | Battery Charger                                                               |
| MOD 14AU-E-546 I                     | Australia | 2016100590         | 16-May-2016      | 2016100590          | 2-Jun-2016        | Battery                                                                       |
| 15US-H-586                           | Australia | 2016302353         | 5-Aug-2016       | 2016302353          | 8-Aug-2019        | VACUUM CLEANER AND CARRIER ASSEMBLY                                           |
| 14US-E-546                           | Australia | 2016315858         | 2-Sep-2016       | 2016315858          | 26-Sep-2019       | POWER TOOL, BATTERY PACK, AND COMBINATION, AND METHOD OF CONTROLLING THE SAME |
| 14US-W-544 PAU                       | Australia | 2016329041         | 29-Mar-2017      | 2016329041          | 28-Feb-2019       | Extractor Cleaning Machine                                                    |
| FOR 571                              | Australia | 2017250817         | 15-Nov-2018      | *                   | *                 | HANDHELD VACUUM CLEANER (HAND VAC WITH SEALED SYSTEM)                         |
| FOR 571 P2 AU00                      | Australia | 2017250824         | 12-Sep-2018      | *                   | *                 | VACUUM FILTER                                                                 |
| HCG 0493 PAU2                        | Australia | 2017341474         | 10-May-2019      | *                   | *                 | SURFACE CLEANING APPARATUS                                                    |
| HCG 0493 PAU10                       | Australia | 2017341475         | 8-May-2019       | *                   | *                 | SURFACE CLEANING APPARATUS                                                    |
| HCG 0493 PAU12                       | Australia | 2017343001         | 8-May-2019       | *                   | *                 | SURFACE CLEANING APPARATUS                                                    |
| HCG 0493 PAU09                       | Australia | 2017343002         | 8-May-2019       | *                   | *                 | CYCLONIC SEPARATION DEVICE                                                    |
| HCG 0493 PAU13                       | Australia | 2017343835         | 8-May-2019       | *                   | *                 | A TOOL FOR A SURFACE CLEANING APPARATUS                                       |
| HCG 0467 DAU3 (Hurricane Platform 4) | Australia | 10850/2016         | 17-Feb-2016      | 367465              | 2-Mar-2016        | Vacuum Cleaner                                                                |



| Reference No.                                    | Country   | Application Number | Application Date | Registration Number | Registration Date | Title                                                            |
|--------------------------------------------------|-----------|--------------------|------------------|---------------------|-------------------|------------------------------------------------------------------|
| HCG 0407 DAU3                                    | Australia | 16087/2015         | 13-Nov-2015      | 365673              | 4-Dec-2015        | Steam Cleaner                                                    |
| HCG 0407 DAU4                                    | Australia | 16089/2015         | 13-Nov-2015      | 365659              | 4-Dec-2015        | Steam Cleaner                                                    |
| MOD15US-D-572                                    | China     | 201520326107.5     | 20-May-2015      | 201520326107.5      | 28-Oct-2015       | Vacuum cleaning tool                                             |
| MOD 14CN-E-546.1                                 | China     | 201530346097.1     | 26-May-2015      | 2.0152E+11          | 4-Nov-2015        | Battery                                                          |
| MOD14CN-E-548.1 HYENA                            | China     | 201520355397.6     | 28-May-2015      | 2.0152E+11          | 4-Nov-2015        | Battery Charger                                                  |
| HCG 0490 PCN-UJM                                 | China     | 201520752263.8     | 24-Sep-2015      | 201520752263.8      | 9-Mar-2016        | AIR PURIFIER                                                     |
| DES 15 CN-O-549.1 - project MONROE               | China     | 201530060534.9     | 13-Mar-2015      | 201530060534.9      | 21-Oct-2015       | HANDLE FOR VACUUM CLEANER                                        |
| DES 15 CN-O-549.2 -549.3 -549.4 - Project MONROE | China     | 201530060810.1     | 13-Mar-2015      | 201530060810.1      | 11-Nov-2015       | NOZZLE BODY FOR VACUUM CLEANER                                   |
| DES 15 CN-B-565.1 (Project ORACLE)               | China     | 201530075372.6     | 26-Mar-2015      | 201530075372.6      | 21-Oct-2015       | HANDHELD VACUUM CLEANER                                          |
| HCG 0437 DCN8                                    | China     | 201530138113.3     | 12-May-2015      | 201530138113.3      | 18-Nov-2015       | STEAM CLEANER ACCESSORY                                          |
| HCG 0437 DCN3                                    | China     | 201530138245.6     | 12-May-2015      | 201530138245.6      | 20-Jan-2016       | Accessory for Connecting a Cleaning Implement to a Steam Cleaner |
| HCG 0437 DCN4                                    | China     | 201530138401.9     | 12-May-2015      | 201530138401.9      | 18-Nov-2015       | STEAM CLEANER ACCESSORY                                          |
| HCG 0437 DCN7                                    | China     | 201530138419.9     | 12-May-2015      | 201530138419.9      | 18-Nov-2015       | STEAM CLEANER ACCESSORY                                          |
| HCG 0437 DCN5                                    | China     | 201530138448.5     | 12-May-2015      | 201530138448.5      | 18-Nov-2015       | STEAM CLEANER ACCESSORY                                          |
| HCG 0437 DCN6                                    | China     | 201530138507.9     | 12-May-2015      | 201530138507.9      | 18-Nov-2015       | STEAM CLEANER ACCESSORY                                          |
| DES 14 CN-C-465.3 (Atlas cordless)               | China     | 201530145414.9     | 15-May-2015      | 201530145414.9      | 9-Dec-2015        | Vacuum Cleaner                                                   |
| DES 14 CN-C-465.2 (Atlas)                        | China     | 201530145480.6     | 15-May-2015      | 201530145480.6      | 9-Dec-2015        | Vacuum Cleaner                                                   |
| HCG 0407 DCN4                                    | China     | 201530150104.6     | 19-May-2015      | 201530150104.6      | 25-Nov-2015       | Steam Cleaner                                                    |
| HCG 0407 DCN3                                    | China     | 201530150204.9     | 19-May-2015      | 201530150204.9      | 25-Nov-2015       | Steam Cleaner                                                    |

| Reference No.                                            | Country | Application Number | Application Date | Registration Number | Registration Date | Title                                                          |
|----------------------------------------------------------|---------|--------------------|------------------|---------------------|-------------------|----------------------------------------------------------------|
| HCG 0407 DCN4b<br>(Project Phoenix 4)                    | China   | 201530177696.0     | 3-Jun-2015       | 201530177696.0      | 2-Dec-2015        | steam cleaner (Project Phoenix 4)                              |
| HCG 0396 DCN<br>(Project Lightsaber)                     | China   | 201530177736.9     | 3-Jun-2015       | 201530177736.9      | 9-Dec-2015        | Project Lightsaber - New Floorhead                             |
| HCG 0407 DCN4a<br>(Project Phoenix 4)                    | China   | 201530177811.4     | 3-Jun-2015       | 201530177811.4      | 1-Jun-2016        | Steam Cleaner Main Unit with Shaft (Project Phoenix 4)         |
| HCG 0469 DCN<br>(Project Magnesium<br>Hardfloor Adaptor) | China   | 201530179563.7     | 4-Jun-2015       | 201530179563.7      | 21-Oct-2015       | Adaptor for Use with the Floor Head/Nozzle or a Vacuum Cleaner |
| HCG 0444 DCN<br>(Project Cobra)                          | China   | 201530198270.3     | 16-Jun-2015      | 201530198270.3      | 23-Dec-2015       | Vacuum Cleaner                                                 |
| HCG 0461 DCN<br>(Project Leads)                          | China   | 201530255978.8     | 16-Jul-2015      | 201530255978.8      | 13-Jan-2016       | Vacuum Cleaner                                                 |
| DES 15 US-H-<br>544.1 (Project<br>CASPIAN)               | China   | 201530256842.9     | 16-Jul-2015      | 201530256842.9      | 3-Feb-2016        | Portable Spot Cleaner                                          |
| HCG 0488 DCN1<br>(upright)                               | China   | 201530261696.9     | 20-Jul-2015      | 201530261696.9      | 20-Jan-2016       | Vacuum Cleaner                                                 |
| HCG 0488 DCN2<br>(hand vac)                              | China   | 201530261740.6     | 20-Jul-2015      | 201530261740.6      | 20-Jan-2016       | Vacuum Cleaner                                                 |
| HCG 0437 DCN12<br>(Project Havok)                        | China   | 201530268824.2     | 23-Jul-2015      | 201530268824.2      | 3-Feb-2016        | Tool for Steam Cleaner                                         |
| DES 15 CN-H-<br>574.1 (Project<br>KRAKEN)                | China   | 201530293710.3     | 6-Aug-2015       | 201530293710.3      | 10-Feb-2016       | Vacuum Cleaner                                                 |
| HCG 0480 DCN 1                                           | China   | 201530304104.7     | 13-Aug-2015      | 201530304104.7      | 17-Feb-2016       | Vacuum Cleaner Parts                                           |
| HCG 0480 DCN 2                                           | China   | 201530304170.4     | 13-Aug-2015      | 201530304170.4      | 9-Mar-2016        | Vacuum Cleaner Parts                                           |
| HCG 0467 DCN3<br>(Hurricane Platform<br>4)               | China   | 201530312684.4     | 19-Aug-2015      | 201530312684.4      | 17-Feb-2016       | Vacuum Cleaner                                                 |
| HCG 0442 DCN2<br>(Project Keno)                          | China   | 201530326805.0     | 27-Aug-2015      | 201530326805.0      | 24-Feb-2016       | Cleaning Head for Pressure Washer                              |
| HCG 0490 DCN                                             | China   | 201530337545.7     | 1-Sep-2015       | 201530337545.7      | 9-Mar-2016        | Air Purifier                                                   |
| 15US-H-557.1                                             | China   | 201530360854.6     | 17-Sep-2015      | 201530360854.6      | 9-Mar-2016        | Handheld Vacuum Cleaner                                        |

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| HCG 0493 DCN2<br>(Project Tiger)           | China   | 201530396373.0     | 14-Oct-2015      | 201530396373.0      | 4-May-2016        | Vacuum Cleaner          |
| HCG 0493 DCN3<br>(Project Tiger)           | China   | 201530396577.4     | 14-Oct-2015      | 201530396577.4      | 11-May-2016       | Vacuum Cleaner          |
| HCG 0511 DCN<br>Project 40A                | China   | 201530396651.2     | 14-Oct-2015      | 201530396651.2      | 4-May-2016        | Vacuum Cleaner          |
| HCG 0493 DCN1<br>(Project Tiger)           | China   | 201530396799.6     | 14-Oct-2015      | 201530396799.6      | 23-Mar-2016       | Vacuum Cleaner          |
| HCG 0512 DCN<br>(Project Titus)            | China   | 201530446451.3     | 10-Nov-2015      | 201530446451.3      | 1-Jun-2016        | Vacuum Cleaner          |
| FDD 0091 DCN00                             | China   | 201530478062.9     | 25-Nov-2015      | 201530478062.9      | 29-Jun-2016       | HANDHELD VACUUM CLEANER |
| HCG 0518 DCN<br>(Project Tiberius)         | China   | 201530552593.8     | 23-Dec-2015      | 201530552593.8      | 31-Aug-2016       | Vacuum Cleaner          |
| HCG 0511 DCN3<br>(Project 40A)             | China   | 201530552764.7     | 23-Dec-2015      | 201530552764.7      | 3-Aug-2016        | VACUUM CLEANER          |
| HCG 0488 DCN3                              | China   | 201630004705.0     | 7-Jan-2016       | 201630004705.0      | 17-Aug-2016       | Vacuum Cleaner          |
| HCG 0488 DCN4<br>(Project Snow<br>Leopard) | China   | 201630013127.7     | 14-Jan-2016      | 201630013127.7      | 12-Apr-2017       | Vacuum Cleaner          |
| HCG 0520 DCN<br>(Project Samurai)          | China   | 201630013131.3     | 14-Jan-2016      | 201630013131.3      | 7-Sep-2016        | Floorhead               |
| HCG 0512 DCN2<br>(Project Titus)           | China   | 201630014384.2     | 15-Jan-2016      | 201630014384.2      | 7-Sep-2016        | Vacuum Cleaner          |
| HCG 0502 DCN<br>(Project HandiMate<br>W/D) | China   | 201630033945.3     | 29-Jan-2016      | 201630033945.3      | 31-Aug-2016       | Handheld Cleaner        |
| HCG 0493 DCN4                              | China   | 201630057836.5     | 2-Mar-2016       | 201630057836.5      | 7-Sep-2016        | Vacuum Cleaner          |
| FDD 0016 D CN00<br>(Project Lucerne)       | China   | 201630067247.5     | 10-Mar-2016      | 201630067247.5      | 28-Sep-2016       | HANDHELD VACUUM CLEANER |
| FDD 0563 D CN02<br>(project Leadwood)      | China   | 201630176082.5     | 12-May-2016      | 201630176082.5      | 23-Nov-2016       | Handheld Vacuum Cleaner |
| FDD 0564 D CN01<br>(Project Acacia)        | China   | 201630176085.9     | 12-May-2016      | 201630176085.9      | 23-Nov-2016       | Vacuum Cleaner          |
| FDD 0565 D CN01                            | China   | 201630176086.3     | 12-May-2016      | 201630176086.3      | 23-Nov-2016       | Vacuum Cleaner          |

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| FDD 0564 D CN02                                             | China   | 201630176234.1     | 12-May-2016      | 201630176234.1      | 23-Nov-2016       | Handheld Vacuum Cleaner              |
| HCG 0553 DCN<br>(Project Odin)                              | China   | 201630201054.4     | 25-May-2016      | 201630201054.4      | 28-Dec-2016       | Vacuum Cleaner                       |
| FHV 0581 D CN01<br>(GLADIATOR<br>REFRESH project)           | China   | 201630235476.3     | 13-Jun-2016      | 201630235476.3      | 7-Dec-2016        | EXTRACTOR CARPET CLEANER             |
| FHV 0580 D CN01<br>(HOOVER<br>STEERABLE<br>UPRIGHT project) | China   | 201630237484.1     | 13-Jun-2016      | 201630237484.1      | 8-Feb-2017        | Vacuum Cleaner                       |
| FHV 0549 D CN02<br>(HOOVER<br>STEERABLE<br>LIFTOFF project) | China   | 201630237519.1     | 13-Jun-2016      | 201630237519.1      | 3-May-2017        | Nozzle for Vacuum Cleaner            |
| HCG 0555 DCN                                                | China   | 201630308807.1     | 7-Jul-2016       | 201630308807.1      | 8-Feb-2017        | Vacuum Cleaner                       |
| HCG 0493 DCN5A<br>(Project Tiger)                           | China   | 201630322025.3     | 14-Jul-2016      | 201630322025.3      | 28-Dec-2016       | Vacuum Cleaner                       |
| FHV 0587 D CN01                                             | China   | 201630348406.9     | 27-Jul-2016      | 201630348406.9      | 1-Mar-2017        | ACCESSORY TOOL FOR VACUUM<br>CLEANER |
| HCG 0541 DCN3<br>(Project Sabretooth<br>- Design 2100)      | China   | 201630382638.6     | 11-Aug-2016      | 201630382638.6      | 15-Mar-2017       | Nozzle for a Cleaning Appliance      |
| HCG 0541 DCN4<br>(Project Sabretooth<br>- Design 3000)      | China   | 201630382671.9     | 11-Aug-2016      | 201630382671.9      | 15-Mar-2017       | Nozzle for a Cleaning Appliance      |
| HCG 0541 DCN1<br>(Project Sabretooth<br>- Design 1000)      | China   | 201630382675.7     | 11-Aug-2016      | 201630382675.7      | 8-Mar-2017        | Nozzle for a Cleaning Appliance      |
| HCG 0541 DCN5<br>(Project Sabretooth<br>- Design 4000)      | China   | 201630382854.0     | 11-Aug-2016      | 201630382854.0      | 8-Mar-2017        | Joint for a Cleaning Appliance       |
| HCG 0541 DCN2<br>(Project Sabretooth<br>- Design 2000)      | China   | 201630382987.8     | 11-Aug-2016      | 201630382987.8      | 15-Mar-2017       | Nozzle for a Cleaning Appliance      |

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| HCG 0541 DCN6<br>(Project Sabretooth<br>- Design 5000) | China   | 201630383203.3     | 11-Aug-2016      | 201630383203.3      | 8-Mar-2017        | Coupler for a Cleaning Appliance                                                 |
| FHV 0559 D CN02<br>(project VERSA)                     | China   | 201630427729.7     | 26-Aug-2016      | 201630427729.7      | 17-May-2017       | Handheld Vacuum Cleaner                                                          |
| FHV 0559 D CN01<br>(project VERSA)                     | China   | 201630428523.6     | 26-Aug-2016      | 201630428523.6      | 13-Jun-2017       | Handheld Vacuum Cleaner                                                          |
| HCG 0606 DCN<br>(Project Azrael)                       | China   | 201630484554.3     | 27-Sep-2016      | 201630484554.3      | 16-Jun-2017       | Nozzle for Vacuum Cleaner                                                        |
| FOR 0571 DCN01                                         | China   | 201630504106.5     | 14-Oct-2016      | 201630504106.5      | 17-May-2017       | HANDHELD VACUUM CLEANER                                                          |
| FOR 0571 DCN02                                         | China   | 201630504123.9     | 14-Oct-2016      | 201630504123.9      | 31-May-2017       | HANDHELD VACUUM CLEANER                                                          |
| FHV 0559 D-4<br>CN00                                   | China   | 201630563988.2     | 21-Nov-2016      | 201630563988.2      | 7-Jul-2017        | HANDHELD VACUUM CLEANER                                                          |
| FHV 0559 D-3<br>CN00                                   | China   | 201630564174.0     | 21-Nov-2016      | 201630564174.0      | 7-Jul-2017        | HANDHELD VACUUM CLEANER                                                          |
| HCG 0613 DCN                                           | China   | 201630584786.6     | 30-Nov-2016      | 201630584786.6      | 17-May-2017       | Vacuum Cleaner                                                                   |
| FHV 0702 D-2<br>CN00 (project<br>POWER)                | China   | 201630585330.1     | 30-Nov-2016      | 201630585330.1      | 25-Jul-2017       | VACUUM CLEANER                                                                   |
| FHV 0704 D-4<br>CN00                                   | China   | 201630623474.1     | 16-Dec-2016      | 201630623474.1      | 20-Oct-2017       | BATTERY CHARGER                                                                  |
| FHV 0704 D-1 & 2<br>CN00                               | China   | 201630624590.5     | 16-Dec-2016      | 201630624590.5      | 29-Sep-2017       | BATTERY                                                                          |
| 025818-8707-CN                                         | China   | 201680050971.4     | 2-Mar-2018       | -                   | -                 | Power Tool, Battery Pack, and Combination, and<br>Method of Controlling the Same |
| 025818-8729-CN                                         | China   | 201680055766.7     | 23-Mar-2018      | -                   | -                 | Vacuum Cleaner and Carrier Assembly                                              |
| 025818-8682-CN01                                       | China   | 201680065912.4     | 10-May-2018      | -                   | -                 | Extractor Cleaning Machine                                                       |
| HCG 0493 PCN1                                          | China   | 201710952841.6     | 13-Oct-2017      | -                   | -                 | CYCLONIC SEPARATION DEVICE                                                       |
| KAA 0027 PCN                                           | China   | 201711159587.0     | 20-Nov-2017      | -                   | -                 | HANDHELD KITCHEN APPLIANCE<br>ASSEMBLY                                           |
| HCG 0615 DCN2<br>Project Calman                        | China   | 201730031691.6     | 3-Feb-2017       | 201730031691.6      | 22-Sep-2017       | Vacuum Cleaner                                                                   |

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| FHV 0700 D-1<br>CN00 (PRO2018<br>EXTRACTOR)  | China   | 2017300932270.6    | 27-Mar-2017      | 2017300932270.6     | 5-Jan-2018        | Carpet Washer                                     |
| HCG 0467 DCN5                                | China   | 201730117547.4     | 11-Apr-2017      | 201730117547.4      | 15-Dec-2017       | Vacuum Cleaner                                    |
| HCG 0493 DCN6<br>(Project Tiger 40V)         | China   | 201730159641.6     | 4-May-2017       | 201730159641.6      | 17-Nov-2017       | Vacuum Cleaner                                    |
| FOR 0020 DCN00<br>(Project ORECK<br>UPRIGHT) | China   | 201730183126.1     | 17-May-2017      | 201730183126.1      | 9-Jan-2018        | VACUUM CLEANER                                    |
| FHV 0707 DCN00                               | China   | 201730183763.9     | 17-May-2017      | 201730183763.9      | 2-Jan-2018        | ROBOT VACUUM CLEANER                              |
| FHV 0700 D-2<br>CN00 (PRO2018<br>EXTRACTOR)  | China   | 2017302233549.1    | 5-Jun-2017       | 2017302233549.1     | 9-Mar-2018        | Floor Cleaner                                     |
| FDD0722D-1 CN00<br>(SKYHAWK)                 | China   | 201730339152.9     | 28-Jul-2017      | 201730339152.9      | 1-May-2018        | VACUUM CLEANER                                    |
| FHV 0725D-1<br>CN00 (ATHENA)                 | China   | 201730339648.6     | 28-Jul-2017      | 201730339648.6      | 22-May-2018       | HANDHELD VACUUM CLEANER                           |
| HCG 0638DCN1<br>Aslan MMT                    | China   | 201730414992.7     | 4-Sep-2017       | 201730414992.7      | 5-Jun-2018        | Floor Tool                                        |
| HCG 0639DCN1<br>Aslan HFT                    | China   | 201730415015.9     | 4-Sep-2017       | 201730415015.9      | 13-Apr-2018       | Floor Tool                                        |
| HCG 0602 DCN4<br>Project Aslan               | China   | 201730487316.2     | 13-Oct-2017      | 201730487316.2      | 7-Sep-2018        | Vacuum Cleaner                                    |
| HCG 0602 DCN2                                | China   | 201730487719.7     | 13-Oct-2017      | 201730487719.7      | 9-Oct-2018        | Wall Mount                                        |
| FOR 0571 D-3<br>CN00 (Project<br>ORECK)      | China   | 201730537546.5     | 3-Nov-2017       | 201730537546.5      | 15-Jan-2018       | FOOT FOR A VACUUM CLEANER                         |
| FOR 0571 D-4<br>CN00 (Project<br>ORECK)      | China   | 201730612229.5     | 5-Dec-2017       | 201730612229.5      | 9-Oct-2018        | HOUSING FOR A FILTER                              |
| FHV 0733D CN00<br>(project GRAVITY)          | China   | 201730613130.7     | 5-Dec-2017       | 201730613130.7      | 16-Oct-2018       | VACUUM CLEANER                                    |
| 206190-9243-CN01                             | China   | 201780037440.6     | 14-Dec-2018      | -                   | -                 | Vacuum Cleaner And Filter For A Vacuum<br>Cleaner |



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| 206190-9261-CN01                        | China   | 201780037561.0     | 17-Dec-2018      | -                   | -                 | VACUUM FILTER           |
| 206190-9260-CN01                        | China   | 201780037562.5     | 17-Dec-2018      | -                   | -                 | HANDHELD VACUUM CLEANER |
| 025818-1047-CN04                        | China   | 201780064952.1     | 19-Apr-2019      | -                   | -                 | HANDHELD VACUUM CLEANER |
| 025818-1048-CN01                        | China   | 201780066147.2     | 25-Apr-2019      | -                   | -                 | HANDHELD VACUUM CLEANER |
| 025818-1049-CN01                        | China   | 201780066162.7     | 25-Apr-2019      | -                   | -                 | HANDHELD VACUUM CLEANER |
| 025818-1051-CN01                        | China   | 201780066351.4     | 25-Apr-2019      | -                   | -                 | HANDHELD VACUUM CLEANER |
| FHV 0703D CN00<br>(project<br>ULTRASUM) | China   | 201830058857.8     | 7-Feb-2018       | 201830058857.8      | 10-Jul-2018       | VACUUM CLEANER          |
| HCG 0639 DCN2                           | China   | 201830188359.5     | 28-Apr-2018      | 201830188359.5      | 27-Nov-2018       | Floor Tool              |
| FDD 0747 D-2                            | China   | 201830214050.9     | 11-May-2018      | 201830214050.9      | 4-Jan-2019        | HANDHELD VACUUM CLEANER |
| FHV0750D-1,<br>FHV0750D-2               | China   | 201830235701.2     | 21-May-2018      | 201830235701.2      | 12-Apr-2019       | BATTERY                 |
| FHV0750D-3                              | China   | 201830236048.1     | 21-May-2018      | 201830236048.1      | 15-Feb-2019       | BATTERY CHARGER         |
| FHV 0748D CN00                          | China   | 201830270757.1     | 1-Jun-2018       | 201830270757.1      | 11-Jan-2019       | PORTABLE SPOT CLEANER   |
| HCG 0638 DCN2                           | China   | 201830419529.6     | 1-Aug-2018       | 201830419529.6      | 22-Jan-2019       | Floor Tool              |
| HCG 0602 DCN5                           | China   | 201830433382.6     | 7-Aug-2018       | 201830433382.6      | 15-Feb-2019       | Floor Tool              |
| FHV0763D-6                              | China   | 201830522370.0     | 17-Sep-2018      | CN305074768S        | 22-Mar-2019       | BOTTLE (1)              |
| FHV0763D-12                             | China   | 201830522989.1     | 17-Sep-2018      | CN305074769S        | 22-Mar-2019       | BOTTLE (5)              |
| FHV0763D-11                             | China   | 201830522990.4     | 17-Sep-2018      | CN305074770S        | 22-Mar-2019       | BOTTLE (4)              |
| FHV0763D-9                              | China   | 201830523070.4     | 17-Sep-2018      | CN305074771S        | 22-Mar-2019       | BOTTLE (3)              |
| FHV0763D-7                              | China   | 201830527239.3     | 17-Sep-2018      | CN305074776S        | 22-Mar-2019       | BOTTLE (2)              |
| FHV 0750 DCN3-2                         | China   | 201830732331.3     | 17-Dec-2018      | 201830732331.3      | 7-Jun-2019        | Battery Charger         |
| FHV0763D-8                              | China   | 201930002574.6     | 3-Jan-2019       |                     |                   | Bottle Cap              |
| FHV0744D                                | China   | 201930069749.5     | 20-Feb-2019      |                     |                   | PORTABLE BLOWER         |
| FHV0764D                                | China   | 201930069872.7     | 20-Feb-2019      |                     |                   | PORTABLE LIGHT          |
| FHV0745D-2                              | China   | 201930069873.1     | 20-Feb-2019      |                     |                   | UTILITY VACUUM CLEANER  |

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| FHV0743D                                           | China   | 201930070004.0     | 20-Feb-2019      |                     |                   | PORTABLE BLOWER                                                    |
| FHV0742D                                           | China   | 201930070005.5     | 20-Feb-2019      |                     |                   | HANDHELD VACUUM CLEANER                                            |
| FHV0745D-1                                         | China   | 201930081186.1     | 28-Feb-2019      |                     |                   | UTILITY VACUUM CLEANER                                             |
| FHV0769D                                           | China   | 201930182960.8     | 19-Apr-2019      |                     |                   | CARPET EXTRACTOR                                                   |
| DES 15 CN-D-555.1 (Project FLIP OUT)               | China   | 201530142316.X     | 14-May-2015      | 201530142316.X      | 25-Nov-2015       | HANDHELD VACUUM CLEANER                                            |
| HCG 0467 DCN2 (Hurricane Platform 3)               | China   | 201530288646.X     | 4-Aug-2015       | 201530288646.X      | 17-Feb-2016       | Vacuum Cleaner                                                     |
| DES 15 CN-H-574.2 (Project KRAKEN)                 | China   | 201530293651.X     | 6-Aug-2015       | 201530293651.X      | 10-Feb-2016       | Vacuum Cleaner                                                     |
| FDD 0019 D CN00 (Project Bowcaster)                | China   | 201630067061.X     | 10-Mar-2016      | 201630067061.X      | 28-Sep-2016       | HANDHELD VACUUM CLEANER                                            |
| FHV 0549 D CN01 (HOOVER STEERABLE LIFTOFF project) | China   | 201630237505.X     | 13-Jun-2016      | 201630237505.X      | 28-Dec-2016       | Vacuum Cleaner                                                     |
| HCG 0431 DCN (Project Carlisle)                    | China   | 201630310237.X     | 8-Jul-2016       | 201630310237.X      | 8-Mar-2017        | Vacuum Cleaner                                                     |
| HCG 0493 DCN5B (Project Tiger)                     | China   | 201630321935.X     | 14-Jul-2016      | 201630321935.X      | 28-Dec-2016       | Vacuum Cleaner                                                     |
| HCG 0576 DCN                                       | China   | 201630339017.X     | 22-Jul-2016      | 201630339017.X      | 28-Dec-2016       | Separator                                                          |
| HCG 0553 DCN2 (Project Odin)                       | China   | 201630463869.X     | 7-Sep-2016       | 201630463869.X      | 15-Mar-2017       | Vacuum Cleaner                                                     |
| HCG 0602 DCN (Project Aslan)                       | China   | 201630467888.X     | 12-Sep-2016      | 201630467888.X      | 31-May-2017       | Vacuum Cleaner                                                     |
| FHV 0702 D-1 CN00 (project POWER)                  | China   | 201630584796.X     | 30-Nov-2016      | 201630584796.X      | 25-Jul-2017       | VACUUM CLEANER                                                     |
| HCG 0493 PCN3                                      | China   | 20171095992.X      | 16-Oct-2017      | -                   | -                 | Wand cross-section and ducting (trapezoidal) for electrical wiring |



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| FHV0580P-11<br>CN01                              | China              | 201710997069.X     | 20-Oct-2017      |                     |                   | VACUUM CLEANER AND METHOD OF CONTROLLING A MOTOR FOR A BRUSH OF THE VACUUM CLEANER |
| FHV 0709 DCN00<br>(Project COMPACT<br>EXTRACTOR) | China              | 201750183433.X     | 17-May-2017      | 201750183433.X      | 30-Jan-2018       | FLOOR CLEANER                                                                      |
| HCG 0002 DCN3<br>Project Asian                   | China              | 201730487456.X     | 13-Oct-2017      | 201730487456.X      | 22-May-2018       | Handheld Vacuum Cleaner                                                            |
| FOR 0571 D-3<br>CN00 (Project<br>ORECK)          | China              | 201730537120.X     | 3-Nov-2017       | 201730537120.X      | 15-Jun-2018       | FOOT FOR A VACUUM CLEANER                                                          |
| 025818-1148-CN01                                 | China              | 201730636918.X     | 14-Dec-2017      | 201730636918.X      | 16-Oct-2018       | Vacuum Cleaner                                                                     |
| FHV 0737D CN00                                   | China              | 201830064277.X     | 9-Feb-2018       | 201830064277.X      | 24-Jul-2018       | FLOOR CLEANER                                                                      |
| FDD 0747 D-1                                     | China              | 201830213898.X     | 11-May-2018      | 201830213898.X      | 4-Jan-2019        | VACUUM CLEANER                                                                     |
| FHV 0737D-3                                      | China              | 201830224827.X     | 16-May-2018      | 201830224827.X      | 1-Mar-2019        | Floor Cleaner                                                                      |
| FHV 0750 DCN3-2                                  | China              |                    | 20-Nov-2018      |                     |                   | BATTERY CHARGER                                                                    |
| 14US-E-546                                       | European<br>Patent | 16770119.2         | 2-Sep-2016       |                     |                   | POWER TOOL, BATTERY PACK, AND COMBINATION, AND METHOD OF CONTROLLING THE SAME      |
| FHV0010P-01<br>EP01                              | European<br>Patent | 16778560.9         | 20-Sep-2016      | 3373790             | 12-Jun-2019       | EXTRACTOR CLEANING MACHINE                                                         |
| KAA 0027 PEP                                     | European<br>Patent | 17204725.0         | 30-Nov-2017      | -                   | -                 | HANDHELD KITCHEN APPLIANCE ASSEMBLY                                                |
| FOR0571P-02 EP01                                 | European<br>Patent | 17721234.7         | 14-Apr-2017      |                     |                   | VACUUM FILTER                                                                      |
| FOR0571P-01 EP01                                 | European<br>Patent | 17732618.8         | 14-Apr-2017      |                     |                   | HANDHELD VACUUM CLEANER                                                            |
| FOR0572                                          | European<br>Patent | 17733101.4         | 14-Apr-2017      |                     |                   | VACUUM CLEANER AND FILTER FOR A VACUUM CLEANER                                     |
| HCG 0493 PEP2                                    | European<br>Patent | 17787554.9         | 12-Oct-2017      |                     |                   | Project Tiger - Motor exhaust - either side of motor                               |
| HCG 0493 PEP10                                   | European<br>Patent | 17787555.6         | 12-Oct-2017      |                     |                   | Project Tiger - Axis of dirt bin intersects axis of wand                           |

| Reference No.  | Country         | Application Number | Application Date | Registration Number | Registration Date | Title                                                                                                                                                               |
|----------------|-----------------|--------------------|------------------|---------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HCG 0493 PEP13 | European Patent | 17787556.4         | 12-Oct-2017      |                     |                   | Project Tiger - Floor head - cable routing through hinging joint to wand                                                                                            |
| HCG 0493 PEP11 | European Patent | 17787557.2         | 12-Oct-2017      |                     |                   | Project Tiger - Motor axle/axis perpendicular and offset from dirt bin axis (motor position relative to bin, also)                                                  |
| HCG 0493 PEP12 | European Patent | 17787558.0         | 12-Oct-2017      |                     |                   | Project Tiger - Removable pre-motor ducting - removable to gain access to pre-motor filter, Rotational locking which connected airflow path from separator to motor |
| HCG 0493 PEP9  | European Patent | 17787559.8         | 12-Oct-2017      |                     |                   | Project Tiger - Helix on internal surface of dirt bin                                                                                                               |
| PHV0559P-19    | European Patent | 17842549.2         | 27-Feb-2017      |                     |                   | VERTICAL DUST CUP IN OPERATING POSITION (VERSA)                                                                                                                     |
| PHV0559P-18    | European Patent | 17842550.0         | 27-Feb-2017      |                     |                   | HANDHELD VACUUM CLEANER                                                                                                                                             |
| PHV0559P-20    | European Patent | 17842551.8         | 27-Feb-2017      |                     |                   | BATTERY GRASPABLE ON BOTH SIDES (VERSA)                                                                                                                             |
| PHV0559P-22    | European Patent | 17842552.6         | 27-Feb-2017      |                     |                   | VERTICAL EXPANSION OF INLET TUBE TO CYCLONE (VERSA)                                                                                                                 |
| QIM 0003 PEP   | European Patent | 18169191.6         | 25-Apr-2018      |                     |                   | ORAL CARE APPLIANCE AND ITS CARE HEAD                                                                                                                               |
| PHV0580P-11    | European Patent | 18200242.8         | 12-Oct-2018      |                     |                   | VACUUM CLEANER AND METHOD OF CONTROLLING A MOTOR FOR A BRUSH OF THE VACUUM CLEANER                                                                                  |
| HCG 0437 DEM   | European Union  | 002829176          | 20-Oct-2015      |                     |                   | Havok (Scrib pad)                                                                                                                                                   |
| HCG 0555 DEP   | European Union  | 003569516          | 4-Jan-2017       |                     |                   | Vacuum cleaner HCG 0555 DEP                                                                                                                                         |
| HCG 0437 DEM   | European Union  | 002829176-0001     | 20-Oct-2015      |                     |                   | Havok (Adaptor)                                                                                                                                                     |
| HCG 0437 DEM   | European Union  | 002829176-0002     | 20-Oct-2015      |                     |                   | Havok (Scrib brush)                                                                                                                                                 |
| HCG 0437 DEM   | European Union  | 002829176-0003     | 20-Oct-2015      |                     |                   | Havok (Window tool)                                                                                                                                                 |
| HCG 0437 DEM   | European Union  | 002829176-0004     | 20-Oct-2015      |                     |                   | Havok (Detail tool)                                                                                                                                                 |

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|-------------------|----------------|--------------------|------------------|---------------------|-------------------|--------------------------------------------------------------------------|
| HCG 0437 DEM      | European Union | 002829176-0006     | 20-Oct-2015      |                     |                   | Havok (Precision tool)                                                   |
| HCG 0437 DEM      | European Union | 002829176-0007     | 20-Oct-2015      |                     |                   | Havok (2 finger baton)                                                   |
| HCG 0407 DCN3/4   | European Union | 002847426-0001     | 4-Nov-2015       |                     |                   | Project Phoenix                                                          |
| HCG 0396 DCN      | European Union | 002856120-0001     | 11-Nov-2015      |                     |                   | Project Lightsaber - Floorhead                                           |
| HCG 0467 DCN2,3,4 | European Union | 002945410-0001     | 14-Jan-2016      |                     |                   | Hurricane platforms 2,3 and 4                                            |
| HCG 0467 DCN2,3,4 | European Union | 002945410-0002     | 14-Jan-2016      |                     |                   | Hurricane platforms 2,3 and 4                                            |
| HCG 0480          | European Union | 002978908-0001     | 9-Feb-2016       |                     |                   | Project Lascaux separator and dirt bin (40A)                             |
| HCG 0512DEP2      | European Union | 003122324-0001     | 11-May-2016      |                     |                   | Project Titus - Vacuum cleaner                                           |
| HCG 0541 DEP      | European Union | 003357169-0001     | 30-Aug-2016      |                     |                   | Sabretooth tool - HCG 0541 DEP                                           |
| HCG 0493 DEP5a    | European Union | 003568369-0001     | 4-Jan-2017       |                     |                   | Vacuum cleaner HCG 0493 DEP5a                                            |
| HCG 0493 DEP5b    | European Union | 003568369-0002     | 4-Jan-2017       |                     |                   | Vacuum cleaner HCG 0493 DEP5b                                            |
| HCG 0541 DEP      | European Union | 003729540-0001     | 30-Jan-2017      |                     |                   | Project Sabretooth - designs 1000, 2000, 3000, 4000, 5000 - HCG 0541 DEP |
| HCG 0541 DEP      | European Union | 003729540-0002     | 30-Jan-2017      |                     |                   | Project Sabretooth - designs 1000, 2000, 3000, 4000, 5000 - HCG 0541 DEP |
| HCG 0541 DEP      | European Union | 003729540-0003     | 30-Jan-2017      |                     |                   | Project Sabretooth - designs 1000, 2000, 3000, 4000, 5000 - HCG 0541 DEP |
| HCG 0541 DEP      | European Union | 003729540-0004     | 30-Jan-2017      |                     |                   | Project Sabretooth - designs 1000, 2000, 3000, 4000, 5000 - HCG 0541 DEP |
| HCG 0541 DEP      | European Union | 003729540-0005     | 30-Jan-2017      |                     |                   | Project Sabretooth - designs 1000, 2000, 3000, 4000, 5000 - HCG 0541 DEP |
| HCG 0602 DEM1     | European Union | 003733526-0001     | 31-Jan-2017      |                     |                   | Project Aslan - Vacuum Cleaner HCG 0602 DEM                              |

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|--------------------------------|----------------|--------------------|------------------|---------------------|-------------------|---------------------------------------------|
| HCG 0602 DEM2                  | European Union | 003733526-0002     | 31-Jan-2017      |                     |                   | Project Aslan - Vacuum Cleaner HCG 0602 DEM |
| FHV0539                        | European Union | 003765734-0001     | 24-Feb-2017      | 003765734-0001      | 27-Feb-2019       | HANDHELD VACUUM CLEANER                     |
| FHV0539                        | European Union | 003765734-0002     | 24-Feb-2017      | 003765734-0002      | 27-Feb-2019       | HANDHELD VACUUM CLEANER                     |
| HCG 0639DEM1                   | European Union | 004685618-0001     | 30-Jan-2018      |                     |                   | Floor tool                                  |
| HCG 0638DEM1                   | European Union | 004685626-0001     | 30-Jan-2018      |                     |                   | Floor tool                                  |
| HCG 0639DEM1                   | European Union | 004716033-0001     | 20-Feb-2018      |                     |                   | Floor tool                                  |
| HCD 0602 DEM5<br>Project Aslan | European Union | 005119021-0001     | 26-Mar-2018      |                     |                   | Wall Mount                                  |
| HCG 0602 DEM3<br>Project Aslan | European Union | 005231511-0001     | 12-Apr-2018      |                     |                   | Handheld vacuum cleaner                     |
| HCG 0602 DEM4<br>Project Aslan | European Union | 005231537-0001     | 12-Apr-2018      |                     |                   | Vacuum cleaner                              |
| FHV0737P                       | European Union | 005577558-0001     | 8-Aug-2018       |                     |                   | FLOOR CLEANER                               |
| HCG 0639 DEM3                  | European Union | 005824943-0001     | 15-Nov-2018      |                     |                   | Vacuum cleaner HCG 0639 DEM3 Aslan          |
| HCD 15776                      | European Union | 005831708-0001     | 21-Nov-2018      |                     |                   | Battery and battery charger                 |
| HCD 15776                      | European Union | 005831708-0002     | 21-Nov-2018      |                     |                   | Battery and battery charger                 |
| HCD 15776                      | European Union | 005831708-0003     | 21-Nov-2018      |                     |                   | Battery and battery charger                 |
| HCD 15776                      | European Union | 005831708-0004     | 21-Nov-2018      |                     |                   | Battery and battery charger                 |
| HCD 15776                      | European Union | 005831708-0005     | 21-Nov-2018      |                     |                   | Battery and battery charger                 |
| HCD 15776                      | European Union | 005831708-0006     | 21-Nov-2018      |                     |                   | Battery and battery charger                 |

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|--------------------------------|----------------|--------------------|------------------|---------------------|-------------------|-------------------------------------|
| HCD 15776                      | European Union | 005831708-0007     | 21-Nov-2018      |                     |                   | Battery and battery charger         |
| HCD 15776                      | European Union | 005831708-0008     | 21-Nov-2018      |                     |                   | Battery and battery charger         |
| HCD 15776                      | European Union | 005831708-0009     | 21-Nov-2018      |                     |                   | Battery and battery charger         |
| HCG0638 DEM2                   | European Union | 005888641-0001     | 13-Dec-2018      |                     |                   | Floor tool                          |
| KAA 0030 PFR-UM                | France         | 1871640.0          | 21-Nov-2018      | -                   | -                 | FOOD BLENDER AND BLADE BASE THEREOF |
| KAA 0030 PDE-UM                | Germany        | 202018106595.5     | 21-Nov-2018      | 2 02018E+11         | 12-Mar-2019       | FOOD BLENDER AND BLADE BASE THEREOF |
| HCG 0493 DJPSA (Project Tiger) | Japan          | 2016-027950        | 22-Dec-2016      | 1584237             | 28-Jul-2017       | Vacuum Cleaner                      |
| HCG 0493 DJPSB (Project Tiger) | Japan          | 2016-027951        | 22-Dec-2016      | 1584363             | 28-Jul-2017       | Vacuum Cleaner                      |
| FHV 0559 DIP3                  | Japan          | 2017-003641        | 24-Feb-2017      | 1579984             | 2-Jun-2017        | HANDHELD VACUUM CLEANER             |
| FHV 0559 DIP4                  | Japan          | 2017-003642        | 24-Feb-2017      | 1579985             | 2-Jun-2017        | HANDHELD VACUUM CLEANER             |
| FHV 0704 D-4 JP00              | Japan          | 2017-012698        | 13-Jun-2017      | 1592435             | 10-Nov-2017       | BATTERY CHARGER                     |
| FHV 0704 D-1 JP00              | Japan          | 2017-012699        | 13-Jun-2017      | 1601057             | 9-Mar-2018        | BATTERY                             |
| FHV0704DIP1-2                  | Japan          | 2017-028528        | 21-Dec-2017      | 1601138             | 9-Mar-2018        | BATTERY                             |
| HCG 0638 DIP1                  | Japan          | 2018-002730        | 9-Feb-2018       | 1608168             | 8-Jun-2018        | Floor Tool                          |
| HCG 0639 DIP1                  | Japan          | 2018-002731        | 9-Feb-2018       | 1610637             | 13-Jul-2018       | Floor Tool                          |
| HCG 0602 DIP2                  | Japan          | 2018-007852        | 10-Apr-2018      | 1627335             | 1-Mar-2019        | Wall Mount                          |
| HCG 0602 DIP3                  | Japan          | 2018-007853        | 10-Apr-2018      | 1625423             | 1-Feb-2019        | Handheld Vacuum Cleaner             |
| HCG 0602 DIP4                  | Japan          | 2018-007854        | 10-Apr-2018      | 1625424             | 1-Feb-2019        | Vacuum Cleaner                      |
| FHV 0750 DIP1                  | Japan          | 2018-024718        | 12-Nov-2018      | 1641661             | 30-Aug-2019       | BATTERY                             |
| FHV 0750 DIP2                  | Japan          | 2018-025272        | 20-Nov-2018      | -                   | -                 | BATTERY CHARGER                     |
| FHV 0750 DIP3                  | Japan          | 2018-026113        | 30-Nov-2018      | -                   | -                 | Battery Charger                     |

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|-------------------------------|---------------------------|--------------------|------------------|---------------------|-------------------|--------------------------------------------------------------------------------|
| FHV 0750D-1 JP02              | Japan                     | 2019-010288        | 13-May-2019      | 1642001             | 30-Aug-2019       | BATTERY                                                                        |
| HCG 0602 DIP5                 | Japan                     | 2019-02057         | 1-Feb-2019       | -                   | -                 | Floor Tool                                                                     |
| HCG 0312 DNZ2 (Project Titus) | New Zealand               | 421825             | 11-Jul-2016      | 421825              | 4-Nov-2016        | Vacuum Cleaner                                                                 |
| FHV 0750 DNZ1                 | New Zealand               | 425304             | 15-Nov-2018      | 425304              | 19-Feb-2019       | BATTERY                                                                        |
| FHV 0750 DNZ1-2               | New Zealand               | 425306             | 15-Nov-2018      | 425306              | 30-May-2019       | BATTERY                                                                        |
| FHV 0750 DNZ2                 | New Zealand               | 425308             | 15-Nov-2018      | 425308              | 30-May-2019       | BATTERY                                                                        |
| FHV 0750 DNZ2-2               | New Zealand               | 425309             | 15-Nov-2018      | 425309              | 30-May-2019       | BATTERY                                                                        |
| FHV 0750 DNZ3                 | New Zealand               | 425342             | 20-Nov-2018      | 425342              | 19-Feb-2019       | BATTERY CHARGER                                                                |
| FHV 0750 DNZ 3-3              | New Zealand               | 425345             | 20-Nov-2018      | 425345              | 19-Feb-2019       | Battery Charger                                                                |
| FHV 0750 DNZ 3-2              | New Zealand               | 425346             | 20-Nov-2018      | 425346              | 19-Feb-2019       | BATTERY CHARGER                                                                |
| KAA 0023 PWO                  | Patent Cooperation Treaty | PCT/CN2017/070153  | 4-Jan-2017       | -                   | -                 | Apparatus for mixing and/or purring of food and method of controlling the same |
| FHV0559P-19                   | Patent Cooperation Treaty | PCT/CN2017/074997  | 27-Feb-2017      |                     |                   | VERTICAL DUST CUP IN OPERATING POSITION (VERSA)                                |
| FHV0559P-20                   | Patent Cooperation Treaty | PCT/CN2017/075011  | 27-Feb-2017      |                     |                   | BATTERY GRASPABLE ON BOTH SIDES (VERSA)                                        |
| FHV0559P-22                   | Patent Cooperation Treaty | PCT/CN2017/075036  | 27-Feb-2017      |                     |                   | VERTICAL EXPANSION OF INLET TUBE TO CYCLONE (VERSA)                            |
| FHV0559P-18                   | Patent Cooperation Treaty | PCT/CN2017/075004  | 27-Feb-2017      |                     |                   | HANDHELD VACUUM CLEANER                                                        |
| FDD0722P WO01                 | Patent Cooperation Treaty | PCT/CN2018/096301  | 19-Jul-2018      |                     |                   | CORD REEL LEVER LOCATION - PATENT APPLICATION (SKYHAWK)                        |
| 15US-H-586                    | Patent Cooperation Treaty | PCT/US2016/045747  | 5-Aug-2016       |                     |                   | VACUUM CLEANER AND CARRIER ASSEMBLY                                            |

| Reference No.               | Country                   | Application Number | Application Date | Registration Number | Registration Date | Title                                                                              |
|-----------------------------|---------------------------|--------------------|------------------|---------------------|-------------------|------------------------------------------------------------------------------------|
| TTI-14US-E-546.5, .6 AND .7 | Patent Cooperation Treaty | PCT/US2016/050030  | 2-Sep-2016       |                     |                   | POWER TOOL, BATTERY PACK, AND COMBINATION, AND METHOD OF CONTROLLING THE SAME      |
| FHV0010P WO00               | Patent Cooperation Treaty | PCT/US2016/052687  | 20-Sep-2016      |                     |                   | EXTRACTOR CLEANING MACHINE                                                         |
| FOR0572                     | Patent Cooperation Treaty | PCT/US2017/027671  | 14-Apr-2017      |                     |                   | VACUUM CLEANER AND FILTER FOR A VACUUM CLEANER                                     |
| FOR0571P-01 WO01            | Patent Cooperation Treaty | PCT/US2017/027676  | 14-Apr-2017      |                     |                   | HANDHELD VACUUM CLEANER                                                            |
| FOR0571P                    | Patent Cooperation Treaty | PCT/US2017/027684  | 14-Apr-2017      |                     |                   | VACUUM FILTER                                                                      |
| FOR0571P10                  | Patent Cooperation Treaty | PCT/US2018/052811  | 26-Sep-2018      |                     |                   | VACUUM CLEANER AND DIRT COLLECTOR FOR A VACUUM CLEANER                             |
| FHV0700C08                  | Patent Cooperation Treaty | PCT/US2018/059854  | 8-Nov-2018       |                     |                   | SURFACE CLEANING APPARATUS                                                         |
| FHV0559P-33 WO01            | Patent Cooperation Treaty | PCT/US2019/013819  | 16-Jan-2019      |                     |                   | SYSTEM AND METHOD FOR OPERATING A CLEANING SYSTEM BASED ON A SURFACE TO BE CLEANED |
| FHV0597P06                  | Patent Cooperation Treaty | PCT/US2019/013926  | 17-Jan-2019      |                     |                   | OBJECT DETECTION SYSTEM FOR A VACUUM                                               |
| FHV0707P09 WO01             | Patent Cooperation Treaty | PCT/US2019/015966  | 31-Jan-2019      |                     |                   | BATTERY EJECTION SYSTEM                                                            |
| FCG074IP-03 WO01            | Patent Cooperation Treaty | PCT/US2019/020216  | 1-Mar-2019       |                     |                   | VACUUM CLEANER                                                                     |
| FHV0707P08 WO01             | Patent Cooperation Treaty | PCT/US2019/020801  | 5-Mar-2019       |                     |                   | BUMPER WITH VIEWING WINDOW FOR AUTONOMOUS CLEANER                                  |



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|--------------------------------------|---------------------------|--------------------|------------------|---------------------|-------------------|-----------------------------------------------|
| FOR0571P-13                          | Patent Cooperation Treaty | PCT/US2019/020875  | 6-Mar-2019       |                     |                   | VACUUM CLEANER                                |
| 14KR-B-472.12                        | Republic of Korea         | 10-2017-7012696    | 11-May-2017      |                     |                   | Improved Battery Removal for a Vacuum Cleaner |
| 14US-W-544 PKR                       | Republic of Korea         | 10-2018-7015988    | 5-Jun-2018       | -                   | -                 | Extractor Cleaning Machine                    |
| KAA 0030 PKR-UM                      | Republic of Korea         | 20-2018-0005408    | 23-Nov-2018      | -                   | -                 | Food Processor and Blade Base Thereof         |
| FDD 0001 DKR00                       | Republic of Korea         | 30-2016-0025135    | 25-May-2016      | 30-0885786          | 8-Dec-2016        | HANDHELD VACUUM CLEANER                       |
| HCG 0512 DKR2                        | Republic of Korea         | 30-2016-0026601    | 1-Jun-2016       | 30-0889369          | 5-Jan-2017        | Vacuum Cleaner                                |
| HCG 0488 DKR3                        | Republic of Korea         | 30-2016-0033091    | 7-Jul-2016       | 30-0899293          | 14-Mar-2017       | Vacuum Cleaner                                |
| HCG 0488 DKR4 (Project Snow Leopard) | Republic of Korea         | 30-2016-0034466    | 14-Jul-2016      | 30-900798           | 24-Mar-2017       | Vacuum Cleaner                                |
| FDD 0019 D KR00                      | Republic of Korea         | 30-2016-0040905    | 22-Aug-2016      | 30-0902731          | 7-Apr-2017        | HANDHELD VACUUM CLEANER                       |
| HCG 0493 DKR4                        | Republic of Korea         | 30-2016-34989      | 18-Jul-2016      | 30-0899516          | 15-Mar-2017       | Vacuum Cleaner                                |
| FHV 0725 DKR1                        | Republic of Korea         | 30-2017-0060813    | 21-Dec-2017      | 30-1005551          | 2-May-2019        | HANDHELD VACUUM CLEANER                       |
| HCG 0493 DKR5A (Project Tiger)       | Republic of Korea         | 30-2017-2225       | 13-Jan-2017      | 30-0941697          | 19-Jan-2018       | Vacuum Cleaner                                |
| HCG 0493 DKR5B (Project Tiger)       | Republic of Korea         | 30-2017-2226       | 13-Jan-2017      | 30-0941698          | 19-Jan-2018       | Vacuum Cleaner                                |
| FHV 0704 D-4 KR00                    | Republic of Korea         | 30-2017-26159      | 9-Jun-2017       | 30-0929508          | 27-Oct-2017       | BATTERY CHARGER                               |
| FHV 0704 D-4 KR01                    | Republic of Korea         | 30-2017-26160      | 9-Jun-2017       | -                   | -                 | BATTERY CHARGER                               |
| FHV 0704 D-1 KR00                    | Republic of Korea         | 30-2017-26161      | 9-Jun-2017       | 30-955961           | 4-May-2018        | BATTERY                                       |



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|-------------------|-------------------|--------------------|------------------|---------------------|-------------------|-------------------------------|
| FHV 0704 D-1 KR01 | Republic of Korea | 30-2017-26162      | 9-Jun-2017       | 30-0950477          | 23-Mar-2018       | BATTERY                       |
| FHV 0704 D-1 KR02 | Republic of Korea | 30-2017-26163      | 9-Jun-2017       | 30-955963           | 4-May-2018        | BATTERY                       |
| FHV 0704 D-1 KR03 | Republic of Korea | 30-2017-26164      | 9-Jun-2017       | 30-0950478          | 23-Mar-2018       | BATTERY                       |
| FHV 0725 DKR1     | Republic of Korea | 30-2017-60813      | 21-Dec-2017      |                     |                   | HANDHELD VACUUM CLEANER       |
| FHV 0725 DKR2     | Republic of Korea | 30-2017-60814      | 21-Dec-2017      | 30-1001580          | 2-Apr-2019        | HANDHELD VACUUM CLEANER       |
| FHV 0559 DKR3     | Republic of Korea | 30-2017-9469       | 28-Feb-2017      | 30-0927282          | 13-Oct-2017       | HANDHELD VACUUM CLEANER       |
| FHV 0559 DKR4     | Republic of Korea | 30-2017-9470       | 28-Feb-2017      | 30-0937120          | 19-Dec-2017       | HANDHELD VACUUM CLEANER       |
| FHV 0750 DKR1     | Republic of Korea | 30-2018-0053390    | 19-Nov-2018      | 30-1019835          | 14-Aug-2019       | BATTERY                       |
| FHV 0750 DKR1-2   | Republic of Korea | 30-2018-0053391    | 19-Nov-2018      | 30-1019836          | 14-Aug-2019       | BATTERY                       |
| FHV 0750 DKR2     | Republic of Korea | 30-2018-0053392    | 19-Nov-2018      | 30-1019837          | 14-Aug-2019       | BATTERY                       |
| FHV 0750 DKR2-2   | Republic of Korea | 30-2018-0053393    | 19-Nov-2018      | 30-1019838          | 14-Aug-2019       | BATTERY                       |
| HCG 0602 DKR3     | Republic of Korea | 30-2018-16557      | 9-Apr-2018       | 30-1008756          | 27-May-2019       | Handheld Vacuum Cleaner       |
| HCG 0602 DKR4     | Republic of Korea | 30-2018-16558      | 9-Apr-2018       | 30-0998437          | 12-Mar-2019       | Vacuum Cleaner                |
| HCG 0602 DKR2     | Republic of Korea | 30-2018-17362      | 13-Apr-2018      | 30-1012006          | 19-Jun-2019       | Wall Mount for Vacuum Cleaner |
| FHV 0750 DKR1     | Republic of Korea | 30-2018-53390      | 19-Nov-2018      |                     |                   | BATTERY                       |
| FHV 0750 DKR1-2   | Republic of Korea | 30-2018-53391      | 19-Nov-2018      |                     |                   | BATTERY                       |
| FHV 0750 DKR2     | Republic of Korea | 30-2018-53392      | 19-Nov-2018      |                     |                   | BATTERY                       |

| Reference No.                        | Country           | Application Number | Application Date | Registration Number | Registration Date | Title                   |
|--------------------------------------|-------------------|--------------------|------------------|---------------------|-------------------|-------------------------|
| FHV 0750 DKR2-2                      | Republic of Korea | 30-2018-53393      | 19-Nov-2018      | 30-1019838          | 14-Aug-2019       | BATTERY                 |
| FHV 0750 DKR3                        | Republic of Korea | 30-2018-53704      | 20-Nov-2018      | -                   | -                 | BATTERY CHARGER         |
| FHV 0750 DKR3-2                      | Republic of Korea | 30-2018-53705      | 20-Nov-2018      | -                   | -                 | Battery Charger         |
| FHV 0750 DKR3-3                      | Republic of Korea | 30-2018-53706      | 20-Nov-2018      | -                   | -                 | Battery Charger         |
| FHV 0750 DKR3-4                      | Republic of Korea | 30-2018-59712      | 18-Dec-2018      | -                   | -                 | Battery Charger         |
| HCG 0638 DKR1 Asian MMT              | Republic of Korea | 30-2018-7992       | 14-Feb-2018      | 30-1010032          | 5-Jun-2019        | Floor Tool              |
| HCG 0639 DKR1                        | Republic of Korea | 30-2018-7993       | 14-Feb-2018      | 30-1013365          | 28-Jun-2019       | Floor Tool              |
| HCG 0602 DKR5                        | Republic of Korea | 30-2019-5518       | 7-Feb-2019       | -                   | -                 | FLOOR CLEANING TOOL     |
| FDD 0001 DTW00                       | Taiwan            | 105302994          | 25-May-2016      | D183226             | 21-May-2017       | HANDHELD VACUUM CLEANER |
| HCG 0512 DTW2                        | Taiwan            | 105303149          | 1-Jun-2016       | D180331             | 21-Dec-2016       | Vacuum Cleaner          |
| HCG 0488 DTW3                        | Taiwan            | 105303904          | 7-Jul-2016       | D180332             | 21-Dec-2016       | Vacuum Cleaner          |
| HCG 0488 DTW4 (Project Snow Leopard) | Taiwan            | 105303986          | 13-Jul-2016      | D180333             | 21-Dec-2016       | Vacuum Cleaner          |
| HCG 0493 DTW4                        | Taiwan            | 105303987          | 13-Jul-2016      | D180334             | 21-Dec-2016       | Vacuum Cleaner          |
| FDD 0019 D TW00                      | Taiwan            | 105304824          | 22-Aug-2016      | D182763             | 1-May-2017        | HANDHELD VACUUM CLEANER |
| HCG 0493 DTW5B (Project Tiger)       | Taiwan            | 105307907          | 27-Dec-2016      | D189308             | 21-Mar-2018       | Vacuum Cleaner          |
| FHV 0559 DTW4                        | Taiwan            | 106300931          | 24-Feb-2017      | D188290             | 1-Feb-2018        | HANDHELD VACUUM CLEANER |
| FHV 0559 DTW3                        | Taiwan            | 106300942          | 24-Feb-2017      | D190802             | 1-Jun-2018        | HANDHELD VACUUM CLEANER |
| FHV 0704 D-1 TW00                    | Taiwan            | 106303082          | 7-Jun-2017       | D191785             | 21-Jul-2018       | BATTERY                 |
| FHV 0704 D-1 TW03                    | Taiwan            | 106303084          | 7-Jun-2017       | D192192             | 11-Aug-2018       | BATTERY                 |

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|--------------------------------|----------------|--------------------|------------------|---------------------|-------------------|----------------------------------------------------------------------------|
| FHV 0704 D-4 TW00              | Taiwan         | 106303111          | 8-Jun-2017       | D187366             | 21-Dec-2017       | BATTERY CHARGER                                                            |
| FHV 0704 DTW-UM                | Taiwan         | 107207344          | 1-Jun-2018       | M573521             | 21-Jan-2019       | RECHARGEABLE BATTERY PACK CPI code: THKFC                                  |
| HCG 0638 DTW1                  | Taiwan         | 107300921          | 12-Feb-2018      | D194648             | 11-Feb-2018       | Floor Tool                                                                 |
| HCG 0639 DTW1                  | Taiwan         | 107301260          | 5-Mar-2018       | D194649             | 11-Feb-2018       | Floor Tool                                                                 |
| FHV 0750 DTW2-2                | Taiwan         | 107306732          | 15-Nov-2018      |                     |                   | BATTERY                                                                    |
| FHV 0750 DTW2                  | Taiwan         | 107306733          | 15-Nov-2018      |                     |                   | BATTERY                                                                    |
| FHV 0750 DTW1-2                | Taiwan         | 107306734          | 15-Nov-2018      |                     |                   | BATTERY                                                                    |
| FHV 0750 DTW1                  | Taiwan         | 107306735          | 15-Nov-2018      |                     |                   | BATTERY                                                                    |
| FHV 0750 DTW3                  | Taiwan         | 107306795          | 20-Nov-2018      |                     |                   | BATTERY CHARGER                                                            |
| FHV 0750 DTW3-2                | Taiwan         | 107306796          | 20-Nov-2018      |                     |                   | BATTERY CHARGER                                                            |
| FHV 0750 DTW3-3                | Taiwan         | 107306797          | 20-Nov-2018      |                     |                   | BATTERY CHARGER                                                            |
| HCG 0602 DTW3                  | Taiwan         | 108300693          | 31-Jan-2019      |                     |                   | Floor Tool                                                                 |
| HCG 0493 DTW5A (Project Tiger) | Taiwan         | 105307907D01       | 27-Dec-2016      | D190565             | 21-May-2018       | Vacuum Cleaner                                                             |
| FHV 0559 DTW4                  | Taiwan         | 106300931D01       | 16-Nov-2017      | D188291             | 1-Feb-2018        | HANDHELD VACUUM CLEANER                                                    |
| FHV 0559 DTW3                  | Taiwan         | 106300942D01       | 16-Nov-2017      | D191007             | 11-Jun-2018       | HANDHELD VACUUM CLEANER                                                    |
| FHV 0704 D-4 TW00              | Taiwan         | 106303082D01       | 7-Jun-2017       | D191786             | 21-Jul-2018       | BATTERY                                                                    |
| FHV 0704 D-4 TW02              | Taiwan         | 106303084D01       | 7-Jun-2017       | D192193             | 11-Aug-2018       | BATTERY                                                                    |
| FHV 0704 D-4 TW00              | Taiwan         | 106303111D01       | 8-Jun-2017       | D192644             | 1-Sep-2018        | BATTERY CHARGER                                                            |
| FHV 0750 DTW2                  | Taiwan         | 107306732D01       | 15-Nov-2018      | -                   | -                 | BATTERY                                                                    |
| FHV 0750 DTW1                  | Taiwan         | 107306734D01       | 15-Nov-2018      | -                   | -                 | BATTERY                                                                    |
| FHV 0750 DTW3                  | Taiwan         | 107306796D01       | 20-Nov-2018      | -                   | -                 | BATTERY CHARGER                                                            |
| HCG 0276 PGB                   | United Kingdom | 1522789.5          | 23-Dec-2015      |                     |                   | Project Wipeout 7 - spring-loaded connection of upright tube to floor head |

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|------------------|--------------------------|--------------------|------------------|---------------------|-------------------|------------------------------------------------------------------------------------|
| HCC 0493 PGB3    | United Kingdom           | 1617515.0          | 14-Oct-2016      |                     |                   | Project Tiger - Wand cross-section and ducting (trapezoidal) for electrical wiring |
| HCC 0493 PGB1    | United Kingdom           | 1617521.8          | 14-Oct-2016      |                     |                   | Project Tiger - Skirt configurations/dimensions                                    |
| 15US-H-586       | United States of America | 15/229,510         | 5-Aug-2016       | 10219664            | 2019-03-05        | VACUUM CLEANER AND CARRIER ASSEMBLY                                                |
| FHV0010P-01 US01 | United States of America | 15/270,897         | 20-Sep-2016      |                     |                   | EXTRACTOR CLEANING MACHINE                                                         |
| FOR0572          | United States of America | 15/488,027         | 14-Apr-2017      |                     |                   | VACUUM CLEANER AND FILTER FOR A VACUUM CLEANER                                     |
| FOR0571P-1-US01  | United States of America | 15/488,047         | 14-Apr-2017      |                     |                   | HANDHELD VACUUM CLEANER                                                            |
| FOR0571P-2-US01  | United States of America | 15/488,065         | 14-Apr-2017      |                     |                   | VACUUM FILTER                                                                      |
| 14US-E-546       | United States of America | 15/509,462         | 2-Sep-2016       | 10148111            | 2018-12-04        | POWER TOOL, BATTERY PACK, AND COMBINATION, AND METHOD OF CONTROLLING THE SAME      |
| FHV0580P-11      | United States of America | 15/878,501         | 24-Jan-2018      |                     |                   | VACUUM CLEANER AND METHOD OF CONTROLLING A MOTOR FOR A BRUSH OF THE VACUUM CLEANER |
| FHV0549P13       | United States of America | 15/910,861         | 2-Mar-2018       |                     |                   | VACUUM CLEANER INCLUDING A REMOVABLE CANISTER ASSEMBLY                             |
| FHV0549P-16      | United States of America | 15/910,874         | 2-Mar-2018       |                     |                   | VACUUM CLEANER INCLUDING A SURFACE CLEANING HEAD HAVING A DISPLAY                  |
| 15US-H-586       | United States of America | 15/958,587         | 20-Apr-2018      |                     |                   | VACUUM CLEANER INCLUDING FOAM BODY                                                 |
| FOR0571P10       | United States of America | 16/142,177         | 26-Sep-2018      |                     |                   | VACUUM CLEANER                                                                     |
| FOR0571P10       | United States of America | 16/142,201         | 26-Sep-2018      |                     |                   | DIRT COLLECTOR FOR A VACUUM CLEANER                                                |
| 14US-E-546       | United States of America | 16/170,884         | 25-Oct-2018      |                     |                   | POWER TOOL, BATTERY PACK, AND COMBINATION, AND METHOD OF CONTROLLING THE SAME      |
| FHV0706C08       | United States of America | 16/184,650         | 8-Nov-2018       |                     |                   | SURFACE CLEANING APPARATUS                                                         |

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| FHV0559P-31       | United States of America | 16/249,622         | 16-Jan-2019      |                     |                   | SYSTEM AND METHOD FOR OPERATING A CLEANING SYSTEM BASED ON A SURFACE TO BE CLEANED |
| FHV0597P-5        | United States of America | 16/264,912         | 1-Feb-2019       |                     |                   | AUTONOMOUS VACUUM OPERATION IN RESPONSE TO DIRT DETECTION                          |
| FOR0571P-13       | United States of America | 16/293,759         | 6-Mar-2019       |                     |                   | VACUUM CLEANER                                                                     |
| FHV0559P-18       | United States of America | 16/327,934         | 27-Feb-2019      |                     |                   | HANDHELD VACUUM CLEANER                                                            |
| FHV0559P-19       | United States of America | 16/327,940         | 27-Feb-2019      |                     |                   | HANDHELD VACUUM CLEANER                                                            |
| FHV0559P-20       | United States of America | 16/327,945         | 27-Feb-2019      |                     |                   | HANDHELD VACUUM CLEANER                                                            |
| FHV0559P-22       | United States of America | 16/327,948         | 27-Feb-2019      |                     |                   | HANDHELD VACUUM CLEANER                                                            |
| FHV0559P-1-US01   | United States of America | 29/595,057         | 24-Feb-2017      | D844264             | 2019-03-26        | HANDHELD VACUUM CLEANER                                                            |
| FHV0559P-1-US02   | United States of America | 29/595,059         | 24-Feb-2017      | D838067             | 2019-01-08        | HANDHELD VACUUM CLEANER                                                            |
| FOR0571DUS01      | United States of America | 29/600,733         | 14-Apr-2017      | D844265             | 2019-03-26        | HANDHELD VACUUM CLEANER                                                            |
| FOR0571DUS02      | United States of America | 29/600,736         | 14-Apr-2017      | D840615             | 2019-02-12        | HANDHELD VACUUM CLEANER                                                            |
| HCG 0493 D-1 US01 | United States of America | 29/602,930         | 4-May-2017       | D827231             | 28-Aug-2018       | HANDHELD VACUUM CLEANER                                                            |
| HCG 0493 D-2 US01 | United States of America | 29/602,931         | 4-May-2017       | D824616             | 31-Jul-2018       | HANDHELD VACUUM CLEANER                                                            |
| FHV0702D-1        | United States of America | 29/605,722         | 30-May-2017      | D845366             | 2019-04-09        | VACUUM CLEANER                                                                     |
| FHV0704D-1        | United States of America | 29/607,817         | 16-Jun-2017      | D844556             | 2019-04-02        | BATTERY                                                                            |
| FHV0704D-4        | United States of America | 29/607,821         | 16-Jun-2017      |                     |                   | BATTERY CHARGER                                                                    |
| FHV0580D-2        | United States of America | 29/607,823         | 16-Jun-2017      | D843071             | 2019-03-12        | VACUUM CLEANER                                                                     |

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| FHV0580D-1 US00  | United States of America | 29/607,824         | 16-Jun-2017      | D850741             | 2019-06-04        | VACUUM CLEANER              |
| FHV0549D-1 US00  | United States of America | 29/607,825         | 16-Jun-2017      |                     |                   | VACUUM CLEANER              |
| FHV0549D-3 US00  | United States of America | 29/607,827         | 16-Jun-2017      |                     |                   | VACUUM CLEANER              |
| FHV0549D-4 US00  | United States of America | 29/607,829         | 16-Jun-2017      |                     |                   | VACUUM CLEANER              |
| FHV0702D-3 POWER | United States of America | 29/607,973         | 19-Jun-2017      | D845567             | 2019-04-09        | VACUUM CLEANER              |
| FHV0702P09       | United States of America | 29/609,775         | 5-Jul-2017       | D842563             | 2019-03-05        | VACUUM CLEANER              |
| FHV0702P08       | United States of America | 29/625,770         | 13-Nov-2017      |                     |                   | BRUSH FOR A CLEANING DEVICE |
| FOR0572D         | United States of America | 29/626,369         | 16-Nov-2017      |                     |                   | VACUUM CLEANER              |
| FHV0707D US00    | United States of America | 29/626,375         | 16-Nov-2017      |                     |                   | ROBOT VACUUM CLEANER        |
| FHV0708D-2 US00  | United States of America | 29/626,383         | 16-Nov-2017      |                     |                   | FLOOR CLEANER               |
| FHV0700D-2 US00  | United States of America | 29/626,389         | 16-Nov-2017      |                     |                   | FLOOR CLEANER               |
| FOR0571D3US01    | United States of America | 29/646,365         | 3-May-2018       |                     |                   | FOOT FOR A VACUUM CLEANER   |
| FOR0571D3US02    | United States of America | 29/646,366         | 3-May-2018       |                     |                   | FOOT FOR A VACUUM CLEANER   |
| FOR0571D4US01    | United States of America | 29/650,252         | 5-Jun-2018       |                     |                   | HOUSING FOR A FILTER        |
| FHV0757P         | United States of America | 29/659,244         | 7-Aug-2018       |                     |                   | FLOOR CLEANER               |
| FHV0750D         | United States of America | 29/670,224         | 14-Nov-2018      |                     |                   | BATTERY                     |
| FHV0750D-3       | United States of America | 29/670,225         | 14-Nov-2018      |                     |                   | BATTERY CHARGER             |

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| FHV0748D                    | United States of America | 29/670,231         | 14-Nov-2018      |                     |                   | PORTABLE CLEANER                                                                    |
| FHV0763D-12US01             | United States of America | 29/676,366         | 10-Jan-2019      |                     |                   | BOTTLE                                                                              |
| FHV0763D-9US01              | United States of America | 29/676,368         | 10-Jan-2019      |                     |                   | BOTTLE                                                                              |
| FHV0763D-10US01             | United States of America | 29/676,370         | 10-Jan-2019      |                     |                   | BOTTLE                                                                              |
| FHV0763D-6US01              | United States of America | 29/676,372         | 10-Jan-2019      |                     |                   | BOTTLE                                                                              |
| FHV0763D-11US01             | United States of America | 29/676,373         | 10-Jan-2019      |                     |                   | BOTTLE                                                                              |
| 15US-H-586                  | United States of America | 62/201,470         | 5-Aug-2015       |                     |                   | CARRIER FOR A VACUUM                                                                |
| TT1-14US-E-546.5, .6 AND .7 | United States of America | 62/213,569         | 2-Sep-2015       |                     |                   | POWER TOOL, BATTERY PACK, AND COMBINATION, AND METHOD OF CONTROLLING THE SAME       |
| TT1-14US-E-546.8            | United States of America | 62/213,571         | 2-Sep-2015       |                     |                   | POWER TOOL AND BATTERY PACK COMBINATION INCLUDING RESPECTIVE COMMUNICATION CIRCUITS |
| 15US-H-586                  | United States of America | 62/243,858         | 20-Oct-2015      |                     |                   | CARRIER FOR A VACUUM CLEANER                                                        |
| TT1 15US-H-604              | United States of America | 62/243,876         | 20-Oct-2015      |                     |                   | A MOUNTING BRACKET FOR A VACUUM CLEANER                                             |
| FHV0010P-01-US00            | United States of America | 62/253,920         | 11-Nov-2015      |                     |                   | EXTRACTOR CLEANING MACHINE                                                          |
| FOR0572                     | United States of America | 62/323,384         | 15-Apr-2016      |                     |                   | VACUUM CLEANER AND A FILTER BAG FOR A VACUUM CLEANER                                |
| FOR0572                     | United States of America | 62/361,718         | 13-Jul-2016      |                     |                   | COLLAPSIBLE FILTER                                                                  |
| FOR0571P-2-US00             | United States of America | 62/457,329         | 10-Feb-2017      |                     |                   | VACUUM FILTER                                                                       |
| FOR0571P-1-US00             | United States of America | 62/457,543         | 10-Feb-2017      |                     |                   | HANDHELD VACUUM CLEANER                                                             |



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| FOR 571 P10 US00<br>(MB Ref. 206190-9267-US01) | United States of America | 62/564,432         | 28-Sep-2017      |                     |                   | IR Fill Sensor Combined into HFP08479PCT                                           |
| FOR 571 P10 US01<br>(MB Ref. 206190-9267-US02) | United States of America | 62/572,225         | 13-Oct-2017      |                     |                   | IR Fill Sensor (updated disclosure) Combined into HFP08479PCT                      |
| FOR 571 P10 US02<br>(MB Ref. 206190-9267-US03) | United States of America | 62/572,229         | 13-Oct-2017      |                     |                   | Transparent housing for IR Fill Sensor Combined into HFP08479PCT                   |
| FHV0700C08                                     | United States of America | 62/585,108         | 13-Nov-2017      |                     |                   | SURFACE CLEANING APPARATUS                                                         |
| FHV0559P-31                                    | United States of America | 62/618,129         | 17-Jan-2018      |                     |                   | SYSTEM AND METHOD FOR OPERATING A CLEANING SYSTEM BASED ON A SURFACE TO BE CLEANED |
| FHV0597P06                                     | United States of America | 62/619,513         | 19-Jan-2018      |                     |                   | OBJECT DETECTION SYSTEM FOR AN AUTONOMOUS VACUUM                                   |
| FHV0597P-5                                     | United States of America | 62/627,472         | 7-Feb-2018       |                     |                   | AUTONOMOUS VACUUM OPERATION IN RESPONSE TO DIRT DETECTION                          |
| FHV0707P09 US01                                | United States of America | 62/633,404         | 21-Feb-2018      |                     |                   | BATTERY EJECTION SYSTEM                                                            |
| FC00741P-02                                    | United States of America | 62/637,858         | 2-Mar-2018       |                     |                   | VACUUM CLEANER                                                                     |
| FHV0707P08 US01                                | United States of America | 62/639,387         | 6-Mar-2018       |                     |                   | BUMPER WITH VIEWING WINDOW FOR AUTONOMOUS CLEANER                                  |
| FOR 571 P13 US00<br>(MB Ref. 206190-9271)      | United States of America | 62/659,601         | 7-Mar-2018       |                     |                   | Hand Vac with magnetic valve connection                                            |
| FC00741                                        | United States of America | 62/799,846         | 1-Feb-2019       |                     |                   | VACUUM CLEANER                                                                     |
| FHV0737P-7                                     | United States of America | 62/801,758         | 6-Feb-2019       |                     |                   | SYSTEM AND METHOD FOR CONTROLLING A MOTOR BASED ON TEMPERATURE                     |
| FC00759P-2                                     | United States of America | 62/803,811         | 11-Feb-2019      |                     |                   | BATTERY POWERED VACUUM CLEANER                                                     |
| FC00760P-1                                     | United States of America | 62/811,191         | 27-Feb-2019      |                     |                   | BATTERY                                                                            |

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| FHV0737P-10   | United States of America | 62/825,459         | 28-Mar-2019      |                     |                   | FLOOR CLEANER AND TRAY |
| FHV0768P-01   | United States of America | 62/842,909         | 3-May-2019       |                     |                   | FLOOR CLEANER          |
|               |                          |                    |                  |                     |                   |                        |
|               |                          |                    |                  |                     |                   | 02                     |