

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4860401

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|---|---------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| PETER DAVID GAMMACK | 01/12/2018 |
| STEPHEN ROBERT DIMBYLOW | 01/11/2018 |
| ROBERT HINCHLIFFE | 01/11/2018 |
| JEREMY WILLIAM CROUCH | 01/11/2018 |
| ALEXANDER PATRICK WEBSTER | 01/11/2018 |
| CHARLES FRANKLIN GALE | 01/11/2018 |
| ASHLEY JAMES HRIBAR-GREEN | 02/16/2018 |
| STUART LLOYD GENN | 01/11/2018 |
| RECEIVING PARTY DATA | |
| Name: | DYSON TECHNOLOGY LIMITED |
| Street Address: | TETBURY HILL, MALMESBURY |
| City: | WILTSHIRE |
| State/Country: | UNITED KINGDOM |
| Postal Code: | SN16 0RP |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 29617679 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)760-7777 |
| <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> | |
| Phone: | 7037607389 |
| Email: | yrivera@mofo.com |
| Correspondent Name: | CHRISTOPHER GLORIA |
| Address Line 1: | C/O MORRISON & FOERSTER LLP |
| Address Line 2: | 1650 TYSONS BOULEVARD SUITE 400 |
| Address Line 4: | MCLEAN, VIRGINIA 22102 |
| ATTORNEY DOCKET NUMBER: | 424662124800 |
| NAME OF SUBMITTER: | CHRISTOPHER GLORIA |
| SIGNATURE: | /christopher gloria/ |

PATENT

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|--------------|------------|
| DATE SIGNED: | 03/09/2018 |
|--------------|------------|

Total Attachments: 33

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ASSIGNMENT

This assignment is by:

1. Peter David GAMMACK
c/o Dyson Technology Limited
Tetbury Hill, Malmesbury
Wiltshire SN16 0RP
UNITED KINGDOM

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Dyson Technology Limited
Address: Tetbury Hill, Malmesbury, Wiltshire SN16 0RP, UNITED KINGDOM

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent applications and the inventions covered thereby.

Assignor has invented certain new and useful inventions described in the applications identified on the attached Schedule.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to the inventions described in the applications identified on the attached Schedule, applications for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said applications for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known." In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 12 Jan 2018

Signature: Peter David Gammack
Peter David GAMMACK

SCHEDULE OF APPLICATIONS

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,662 | September 15, 2017 | VACUUM CLEANER |
| 29/617,663 | September 15, 2017 | VACUUM CLEANER |
| 29/617,664 | September 15, 2017 | VACUUM CLEANER |
| 29/617,665 | September 15, 2017 | VACUUM CLEANER |
| 29/617,666 | September 15, 2017 | VACUUM CLEANER |
| 29/617,671 | September 15, 2017 | VACUUM CLEANER |
| 29/617,672 | September 15, 2017 | VACUUM CLEANER |
| 29/617,675 | September 15, 2017 | VACUUM CLEANER |
| 29/617,679 | September 15, 2017 | VACUUM CLEANER |
| 29/617,681 | September 15, 2017 | VACUUM CLEANER |
| 29/617,687 | September 15, 2017 | VACUUM CLEANER |
| 29/617,691 | September 15, 2017 | VACUUM CLEANER |
| 29/617,695 | September 15, 2017 | VACUUM CLEANER |
| 29/617,697 | September 15, 2017 | VACUUM CLEANER |
| 29/617,713 | September 15, 2017 | VACUUM CLEANER |
| 29/617,719 | September 15, 2017 | VACUUM CLEANER |
| 29/617,721 | September 15, 2017 | VACUUM CLEANER |
| 29/617,723 | September 15, 2017 | VACUUM CLEANER |
| 29/617,724 | September 15, 2017 | VACUUM CLEANER |
| 29/617,726 | September 15, 2017 | VACUUM CLEANER |
| 29/617,730 | September 15, 2017 | VACUUM CLEANER |

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,734 | September 15, 2017 | VACUUM CLEANER |
| 29/617,677 | September 15, 2017 | VACUUM CLEANER |
| 29/617,680 | September 15, 2017 | VACUUM CLEANER |
| 29/617,682 | September 15, 2017 | VACUUM CLEANER |
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| 29/617,694 | September 15, 2017 | VACUUM CLEANER |
| 29/617,696 | September 15, 2017 | VACUUM CLEANER |
| 29/617,699 | September 15, 2017 | VACUUM CLEANER |
| 29/617,701 | September 15, 2017 | VACUUM CLEANER |
| 29/617,700 | September 15, 2017 | VACUUM CLEANER |
| 29/617,702 | September 15, 2017 | VACUUM CLEANER |
| 29/617,739 | September 15, 2017 | VACUUM CLEANER |
| 29/617,740 | September 15, 2017 | VACUUM CLEANER |
| 29/617,742 | September 15, 2017 | VACUUM CLEANER |
| 29/617,745 | September 15, 2017 | VACUUM CLEANER |
| 29/617,748 | September 15, 2017 | VACUUM CLEANER |

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,753 | September 15, 2017 | VACUUM CLEANER |
| 29/617,759 | September 15, 2017 | VACUUM CLEANER |
| 29/617,770 | September 15, 2017 | VACUUM CLEANER |
| 29/617,771 | September 15, 2017 | VACUUM CLEANER |
| 29/617,773 | September 15, 2017 | VACUUM CLEANER |
| 29/617,775 | September 15, 2017 | VACUUM CLEANER |
| 29/617,778 | September 15, 2017 | VACUUM CLEANER |
| 29/617,781 | September 15, 2017 | VACUUM CLEANER |
| 29/617,786 | September 15, 2017 | VACUUM CLEANER |
| 29/617,703 | September 15, 2017 | VACUUM CLEANER |
| 29/617,705 | September 15, 2017 | VACUUM CLEANER |
| 29/617,706 | September 15, 2017 | VACUUM CLEANER |
| 29/617,708 | September 15, 2017 | VACUUM CLEANER |
| 29/617,710 | September 15, 2017 | VACUUM CLEANER |
| 29/617,711 | September 15, 2017 | VACUUM CLEANER |
| 29/617,714 | September 15, 2017 | VACUUM CLEANER |
| 29/617,716 | September 15, 2017 | VACUUM CLEANER |

ASSIGNMENT

This assignment is by:

1. Stephen Robert DIMBYLOW
c/o Dyson Technology Limited
Tetbury Hill, Malmesbury
Wiltshire SN16 0RP
UNITED KINGDOM

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

- Assignee: Dyson Technology Limited
Address: Tetbury Hill, Malmesbury, Wiltshire SN16 0RP, UNITED KINGDOM

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent applications and the inventions covered thereby.

Assignor has invented certain new and useful inventions described in the applications identified on the attached Schedule.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to the inventions described in the applications identified on the attached Schedule, applications for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.
3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said applications for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

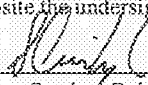
4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known." In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11.01.2018

Signature: _____


Stephen Robert DIMBYLOW

SCHEDULE OF APPLICATIONS

| U.S. APPLICATION NO. | FILING DATE | TITLE |
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| 29/617,662 | September 15, 2017 | VACUUM CLEANER |
| 29/617,663 | September 15, 2017 | VACUUM CLEANER |
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ASSIGNMENT

This assignment is by:

1. Robert HINCHLIFFE
c/o Dyson Technology Limited
Tetbury Hill, Malmesbury
Wiltshire SN16 0RP
UNITED KINGDOM

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

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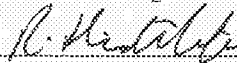
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11-01-2018

Signature: 
Robert HINCHLIFFE

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| 29/617,689 | September 15, 2017 | VACUUM CLEANER |
| 29/617,692 | September 15, 2017 | VACUUM CLEANER |
| 29/617,693 | September 15, 2017 | VACUUM CLEANER |
| 29/617,694 | September 15, 2017 | VACUUM CLEANER |
| 29/617,696 | September 15, 2017 | VACUUM CLEANER |
| 29/617,699 | September 15, 2017 | VACUUM CLEANER |
| 29/617,701 | September 15, 2017 | VACUUM CLEANER |
| 29/617,700 | September 15, 2017 | VACUUM CLEANER |
| 29/617,702 | September 15, 2017 | VACUUM CLEANER |
| 29/617,704 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,739 | September 15, 2017 | VACUUM CLEANER |
| 29/617,740 | September 15, 2017 | VACUUM CLEANER |
| 29/617,742 | September 15, 2017 | VACUUM CLEANER |
| 29/617,745 | September 15, 2017 | VACUUM CLEANER |

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,748 | September 15, 2017 | VACUUM CLEANER |
| 29/617,753 | September 15, 2017 | VACUUM CLEANER |
| 29/617,759 | September 15, 2017 | VACUUM CLEANER |
| 29/617,770 | September 15, 2017 | VACUUM CLEANER |
| 29/617,771 | September 15, 2017 | VACUUM CLEANER |
| 29/617,773 | September 15, 2017 | VACUUM CLEANER |
| 29/617,775 | September 15, 2017 | VACUUM CLEANER |
| 29/617,778 | September 15, 2017 | VACUUM CLEANER |
| 29/617,781 | September 15, 2017 | VACUUM CLEANER |
| 29/617,786 | September 15, 2017 | VACUUM CLEANER |
| 29/617,703 | September 15, 2017 | VACUUM CLEANER |
| 29/617,705 | September 15, 2017 | VACUUM CLEANER |
| 29/617,706 | September 15, 2017 | VACUUM CLEANER |
| 29/617,708 | September 15, 2017 | VACUUM CLEANER |
| 29/617,710 | September 15, 2017 | VACUUM CLEANER |
| 29/617,711 | September 15, 2017 | VACUUM CLEANER |
| 29/617,714 | September 15, 2017 | VACUUM CLEANER |
| 29/617,716 | September 15, 2017 | VACUUM CLEANER |

ASSIGNMENT

This assignment is by:

1. Jeremy William CROUCH
c/o Dyson Technology Limited
Tetbury Hill, Malmesbury
Wiltshire SN16 0RP
UNITED KINGDOM

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Dyson Technology Limited
Address: Tetbury Hill, Malmesbury, Wiltshire SN16 0RP, UNITED KINGDOM

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent applications and the inventions covered thereby.

Assignor has invented certain new and useful inventions described in the applications identified on the attached Schedule.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,


1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to the inventions described in the applications identified on the attached Schedule, applications for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.
3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said applications for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11/01/18

Signature: 
Jeremy William CROUCH

SCHEDULE OF APPLICATIONS

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,662 | September 15, 2017 | VACUUM CLEANER |
| 29/617,671 | September 15, 2017 | VACUUM CLEANER |
| 29/617,672 | September 15, 2017 | VACUUM CLEANER |
| 29/617,675 | September 15, 2017 | VACUUM CLEANER |
| 29/617,679 | September 15, 2017 | VACUUM CLEANER |
| 29/617,681 | September 15, 2017 | VACUUM CLEANER |
| 29/617,691 | September 15, 2017 | VACUUM CLEANER |
| 29/617,695 | September 15, 2017 | VACUUM CLEANER |
| 29/617,713 | September 15, 2017 | VACUUM CLEANER |
| 29/617,719 | September 15, 2017 | VACUUM CLEANER |
| 29/617,724 | September 15, 2017 | VACUUM CLEANER |
| 29/617,730 | September 15, 2017 | VACUUM CLEANER |
| 29/617,734 | September 15, 2017 | VACUUM CLEANER |
| 29/617,677 | September 15, 2017 | VACUUM CLEANER |
| 29/617,680 | September 15, 2017 | VACUUM CLEANER |
| 29/617,682 | September 15, 2017 | VACUUM CLEANER |
| 29/617,683 | September 15, 2017 | VACUUM CLEANER |
| 29/617,684 | September 15, 2017 | VACUUM CLEANER |
| 29/617,685 | September 15, 2017 | VACUUM CLEANER |
| 29/617,692 | September 15, 2017 | VACUUM CLEANER |
| 29/617,701 | September 15, 2017 | VACUUM CLEANER |

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,700 | September 15, 2017 | VACUUM CLEANER |
| 29/617,739 | September 15, 2017 | VACUUM CLEANER |
| 29/617,740 | September 15, 2017 | VACUUM CLEANER |
| 29/617,742 | September 15, 2017 | VACUUM CLEANER |
| 29/617,745 | September 15, 2017 | VACUUM CLEANER |
| 29/617,748 | September 15, 2017 | VACUUM CLEANER |
| 29/617,753 | September 15, 2017 | VACUUM CLEANER |
| 29/617,771 | September 15, 2017 | VACUUM CLEANER |
| 29/617,786 | September 15, 2017 | VACUUM CLEANER |
| 29/617,703 | September 15, 2017 | VACUUM CLEANER |
| 29/617,705 | September 15, 2017 | VACUUM CLEANER |
| 29/617,710 | September 15, 2017 | VACUUM CLEANER |
| 29/617,714 | September 15, 2017 | VACUUM CLEANER |
| 29/617,716 | September 15, 2017 | VACUUM CLEANER |

ASSIGNMENT

This assignment is by:

1. Alexander Patrick WEBSTER
c/o Dyson Technology Limited
Tetbury Hill, Malmesbury
Wiltshire SN16 0RP
UNITED KINGDOM

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Dyson Technology Limited
Address: Tetbury Hill, Malmesbury, Wiltshire SN16 0RP, UNITED KINGDOM

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent applications and the inventions covered thereby.

Assignor has invented certain new and useful inventions described in the applications identified on the attached Schedule.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to the inventions described in the applications identified on the attached Schedule, applications for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.
3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said applications for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11/01/2018

Signature: _____

Alexander Patrick WEBSTER

SCHEDULE OF APPLICATIONS

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,662 | September 15, 2017 | VACUUM CLEANER |
| 29/617,664 | September 15, 2017 | VACUUM CLEANER |
| 29/617,665 | September 15, 2017 | VACUUM CLEANER |
| 29/617,666 | September 15, 2017 | VACUUM CLEANER |
| 29/617,679 | September 15, 2017 | VACUUM CLEANER |
| 29/617,681 | September 15, 2017 | VACUUM CLEANER |
| 29/617,691 | September 15, 2017 | VACUUM CLEANER |
| 29/617,695 | September 15, 2017 | VACUUM CLEANER |
| 29/617,713 | September 15, 2017 | VACUUM CLEANER |
| 29/617,719 | September 15, 2017 | VACUUM CLEANER |
| 29/617,726 | September 15, 2017 | VACUUM CLEANER |
| 29/617,734 | September 15, 2017 | VACUUM CLEANER |
| 29/617,677 | September 15, 2017 | VACUUM CLEANER |
| 29/617,684 | September 15, 2017 | VACUUM CLEANER |
| 29/617,685 | September 15, 2017 | VACUUM CLEANER |
| 29/617,693 | September 15, 2017 | VACUUM CLEANER |
| 29/617,694 | September 15, 2017 | VACUUM CLEANER |
| 29/617,696 | September 15, 2017 | VACUUM CLEANER |
| 29/617,699 | September 15, 2017 | VACUUM CLEANER |
| 29/617,701 | September 15, 2017 | VACUUM CLEANER |
| 29/617,700 | September 15, 2017 | VACUUM CLEANER |

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,739 | September 15, 2017 | VACUUM CLEANER |
| 29/617,748 | September 15, 2017 | VACUUM CLEANER |
| 29/617,753 | September 15, 2017 | VACUUM CLEANER |
| 29/617,773 | September 15, 2017 | VACUUM CLEANER |
| 29/617,775 | September 15, 2017 | VACUUM CLEANER |
| 29/617,778 | September 15, 2017 | VACUUM CLEANER |
| 29/617,781 | September 15, 2017 | VACUUM CLEANER |
| 29/617,786 | September 15, 2017 | VACUUM CLEANER |
| 29/617,703 | September 15, 2017 | VACUUM CLEANER |
| 29/617,705 | September 15, 2017 | VACUUM CLEANER |
| 29/617,711 | September 15, 2017 | VACUUM CLEANER |
| 29/617,716 | September 15, 2017 | VACUUM CLEANER |

ASSIGNMENT

This assignment is by:

1. Charles Franklin GALE
c/o Dyson Technology Limited
Tetbury Hill, Malmesbury
Wiltshire SN16 0RP
UNITED KINGDOM

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Dyson Technology Limited
Address: Tetbury Hill, Malmesbury, Wiltshire SN16 0RP, UNITED KINGDOM

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent applications and the inventions covered thereby.

Assignor has invented certain new and useful inventions described in the applications identified on the attached Schedule.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

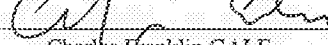
1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to the inventions described in the applications identified on the attached Schedule, applications for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.
3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said applications for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11/1/18

Signature: 
Charles Franklin GALE

SCHEDULE OF APPLICATIONS

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,662 | September 15, 2017 | VACUUM CLEANER |
| 29/617,664 | September 15, 2017 | VACUUM CLEANER |
| 29/617,665 | September 15, 2017 | VACUUM CLEANER |
| 29/617,666 | September 15, 2017 | VACUUM CLEANER |
| 29/617,679 | September 15, 2017 | VACUUM CLEANER |
| 29/617,681 | September 15, 2017 | VACUUM CLEANER |
| 29/617,691 | September 15, 2017 | VACUUM CLEANER |
| 29/617,695 | September 15, 2017 | VACUUM CLEANER |
| 29/617,713 | September 15, 2017 | VACUUM CLEANER |
| 29/617,719 | September 15, 2017 | VACUUM CLEANER |
| 29/617,726 | September 15, 2017 | VACUUM CLEANER |
| 29/617,734 | September 15, 2017 | VACUUM CLEANER |
| 29/617,677 | September 15, 2017 | VACUUM CLEANER |
| 29/617,684 | September 15, 2017 | VACUUM CLEANER |
| 29/617,685 | September 15, 2017 | VACUUM CLEANER |
| 29/617,693 | September 15, 2017 | VACUUM CLEANER |
| 29/617,694 | September 15, 2017 | VACUUM CLEANER |
| 29/617,696 | September 15, 2017 | VACUUM CLEANER |
| 29/617,699 | September 15, 2017 | VACUUM CLEANER |
| 29/617,701 | September 15, 2017 | VACUUM CLEANER |
| 29/617,700 | September 15, 2017 | VACUUM CLEANER |

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|----------------|
| 29/617,739 | September 15, 2017 | VACUUM CLEANER |
| 29/617,748 | September 15, 2017 | VACUUM CLEANER |
| 29/617,753 | September 15, 2017 | VACUUM CLEANER |
| 29/617,773 | September 15, 2017 | VACUUM CLEANER |
| 29/617,775 | September 15, 2017 | VACUUM CLEANER |
| 29/617,778 | September 15, 2017 | VACUUM CLEANER |
| 29/617,781 | September 15, 2017 | VACUUM CLEANER |
| 29/617,786 | September 15, 2017 | VACUUM CLEANER |
| 29/617,703 | September 15, 2017 | VACUUM CLEANER |
| 29/617,705 | September 15, 2017 | VACUUM CLEANER |
| 29/617,711 | September 15, 2017 | VACUUM CLEANER |
| 29/617,716 | September 15, 2017 | VACUUM CLEANER |

ASSIGNMENT

This assignment is by:

1. Ashley James HRIBAR-GREEN
c/o Dyson Technology Limited
Tetbury Hill, Malmesbury
Wiltshire SN16 0RP
UNITED KINGDOM

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Dyson Technology Limited
Address: Tetbury Hill, Malmesbury, Wiltshire, SN16 0RP, UNITED KINGDOM

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent applications and the inventions covered thereby.

Assignor has invented certain new and useful inventions described in the applications identified on the attached Schedule.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to the inventions described in the applications identified on the attached Schedule, applications for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said applications for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

va-503975

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 16/02/12

Signature: _____

Ashley James HRIBAR-GREEN

SCHEDULE OF APPLICATIONS

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|--------------------------|
| 29/617,679 | September 15, 2017 | VACUUM CLEANER |
| 29/617,691 | September 15, 2017 | VACUUM CLEANER |
| 29/617,713 | September 15, 2017 | VACUUM CLEANER |
| 29/617,734 | September 15, 2017 | VACUUM CLEANER |
| 29/617,707 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,709 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,712 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,715 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,717 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,703 | September 15, 2017 | VACUUM CLEANER |
| 29/617,716 | September 15, 2017 | VACUUM CLEANER |

ASSIGNMENT

This assignment is by:

1. Stuart Lloyd GENN
c/o Dyson Technology Limited
Tetbury Hill, Malmesbury
Wiltshire SN16 0RP
UNITED KINGDOM

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Dyson Technology Limited
Address: Tetbury Hill, Malmesbury, Wiltshire, SN16 0RP, UNITED KINGDOM

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent applications and the inventions covered thereby.

Assignor has invented certain new and useful inventions described in the applications identified on the attached Schedule.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to the inventions described in the applications identified on the attached Schedule, applications for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

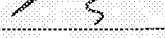
3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said applications for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11/1/2018

Signature: 
Stuart Lloyd GENN

SCHEDULE OF APPLICATIONS

| U.S. APPLICATION NO. | FILING DATE | TITLE |
|----------------------|--------------------|--------------------------|
| 29/617,679 | September 15, 2017 | VACUUM CLEANER |
| 29/617,691 | September 15, 2017 | VACUUM CLEANER |
| 29/617,713 | September 15, 2017 | VACUUM CLEANER |
| 29/617,734 | September 15, 2017 | VACUUM CLEANER |
| 29/617,707 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,709 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,712 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,715 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,717 | September 15, 2017 | PART OF A VACUUM CLEANER |
| 29/617,703 | September 15, 2017 | VACUUM CLEANER |
| 29/617,716 | September 15, 2017 | VACUUM CLEANER |