

Exhibit A-5
Claim Chart Comparing the Dyson Gen5 line to U.S. Patent No. 11,389,038

The Dyson Gen5 line (the “Gen5 Accused Products”) include each and every limitation of (at least) each of claims 1, 10, 12-15 of U.S. Patent No. 11,389,038 (the “’038 Patent” and the “Asserted Claims,” respectively). The limitations of the Asserted Claims of the Asserted Patent are satisfied literally by the Gen5 Accused Products, although SharkNinja reserves the right to contend that any claim element found not to be literally embodied by the Gen5 Accused Products is present under the doctrine of equivalents because there are no substantial differences for each claim element, and the elements of the Gen5 Accused Products perform substantially the same function, in substantially the same way, to achieve substantially the same result as the claimed invention. SharkNinja reserves the right to amend these Infringement Contention charts or assert new theories of infringement, including without limitation by amending or asserting literal infringement or the doctrine of equivalents, in light of the Court’s claim construction or subsequent discovery. SharkNinja reserves the right to supplement, modify, or amend the following preliminary claim charts as discovery continues and in accordance with subsequent events in the litigation.

SharkNinja’s decision to assert claims 1, 10, 12-15 of the ’038 Patent, but not other claims is not a concession that the Gen5 Accused Products do not infringe other unasserted claims.

An inspection of physical samples of the Gen5 Accused Products, along with reviews of Dyson product literature, demonstrates infringement of each and every claim below but a physical sample is impossible to include in this chart; SharkNinja explicitly reserves the right to rely on physical samples, other photos and videos of same, the boxes and manuals included with the Gen5 Accused Products in any demonstration of infringement, including any demonstration of the presence of any of the limitations in the chart below. Discovery is just beginning; SharkNinja further explicitly reserves the right and ability to rely on materials yet to be produced by Dyson (or third parties) in order to demonstrate infringement.

SharkNinja reserves the right to rely on the entirety of the material cited in this chart to show infringement. Citations presented for one claim limitation are expressly incorporated by reference into all other limitations for that claim as well as all limitations of all claims on which that claim depends.

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<u>U.S. Patent No. 11,389,038</u>	
<u>Claim Element</u>	<u>Dyson Gen5 lineGen5 line</u>
1[Pre.]. A surface cleaning apparatus comprising:	To the extent the preamble is limiting, the Dyson Gen5 lineGen5 line is a surface cleaning apparatus. For example, the below images show a surface cleaning apparatus.  https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology

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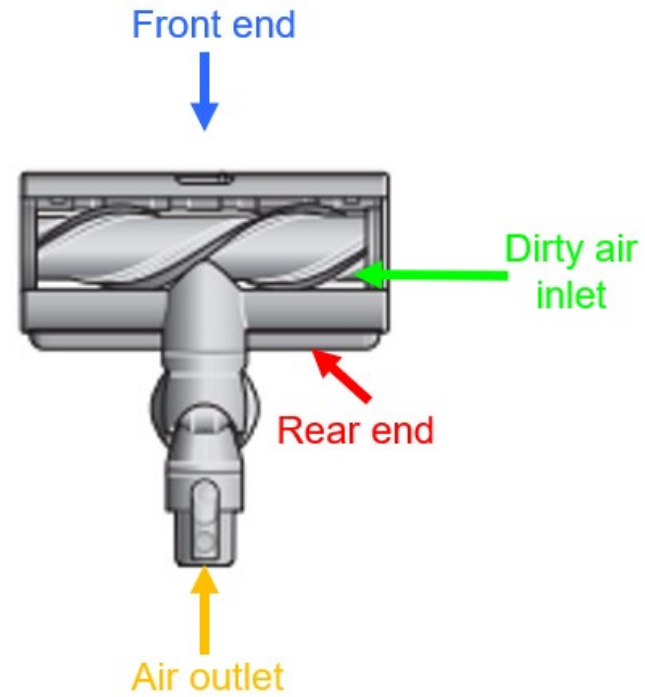


<https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology>

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	 https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology
1[a]. a surface cleaning head having a front end, a rear end, a dirt air inlet and a cleaning head air outlet;	The Dyson Gen5 lineGen5 line includes a surface cleaning head having a front end, a rear end, a dirt air inlet and a cleaning head air outlet. For example, the below images show a surface cleaning head having a front end, a rear end, a dirt air inlet and a cleaning head air outlet.

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https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).

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	 https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology (annotated).
1[b]. a rigid air flow conduit having a rigid wand inlet end having an air inlet in communicable with the cleaning head air outlet, a rigid wand outlet end and a longitudinally extending conduit axis, the rigid air flow conduit is moveably mountable to the surface cleaning head between an upper position and an in-use floor cleaning position in which the rigid air flow conduit extends at an angle to the	The Dyson Gen5 line includes a rigid air flow conduit having a rigid wand inlet end having an air inlet in communicable with the cleaning head air outlet, a rigid wand outlet end and a longitudinally extending conduit axis, the rigid air flow conduit is moveably mountable to the surface cleaning head between an upper position and an inGen5 lineuse floor cleaning position in which the rigid air flow conduit extends at an angle to the vertical, the rigid wand outlet end having an air outlet. For example, the below images show a rigid air flow conduit having a rigid wand inlet end having an air inlet in communicable with the cleaning head air outlet, a rigid wand outlet end and a longitudinally extending conduit axis.

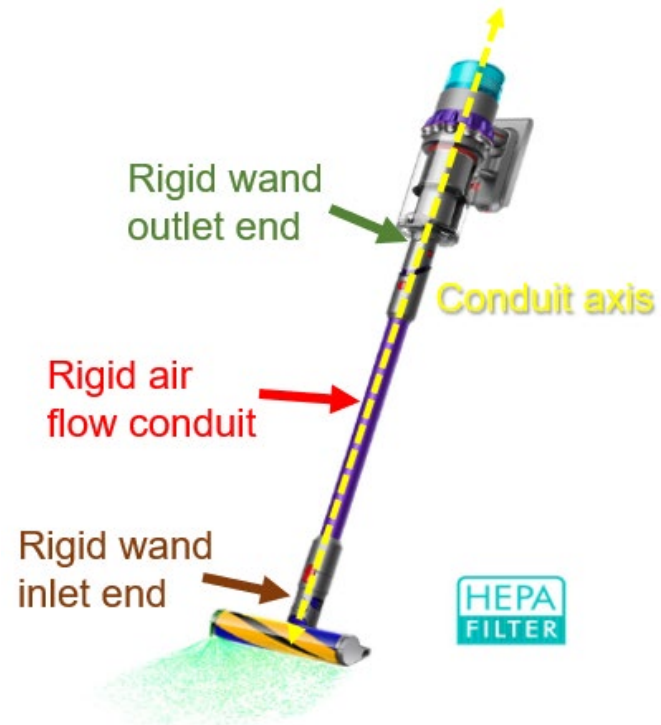
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vertical, the rigid wand outlet end
having an air outlet; and,



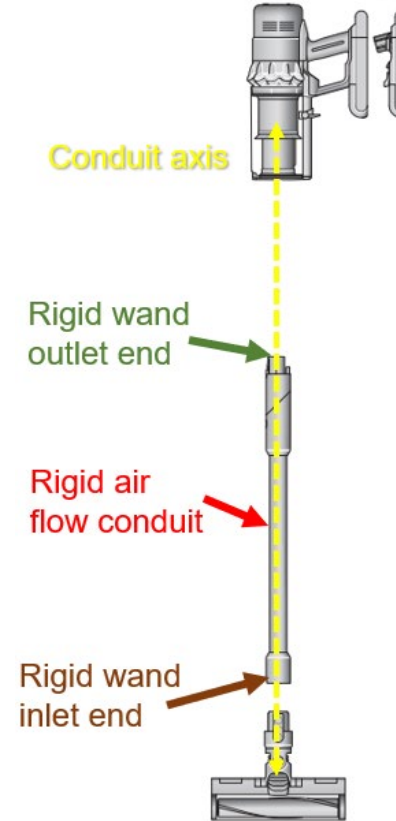
<https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology>

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<https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology> (annotated).

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https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).

For example, the below images show a rigid wand outlet end and a longitudinally extending conduit axis, the rigid air flow conduit is moveably mountable to the surface cleaning head between an upper position and an in-use floor cleaning position in which the rigid air flow conduit extends at an angle to the vertical.

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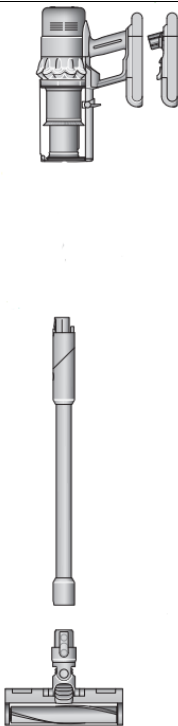
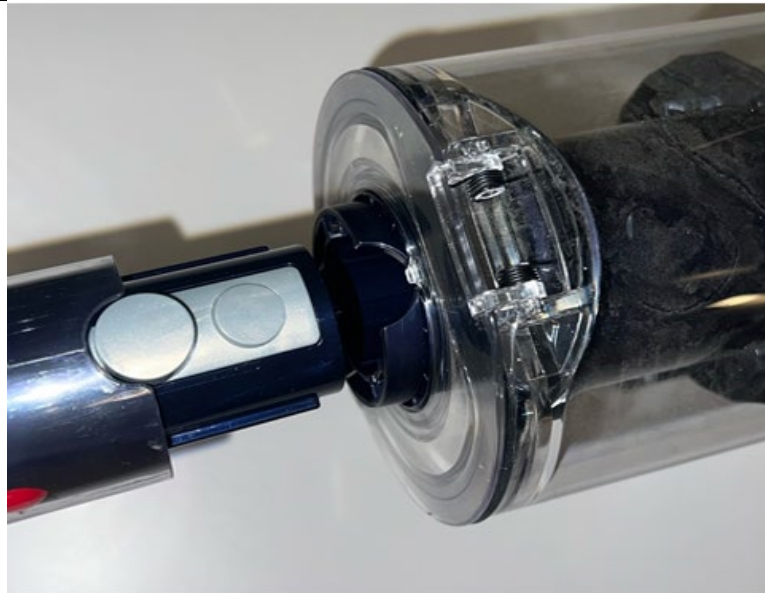
	 https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).
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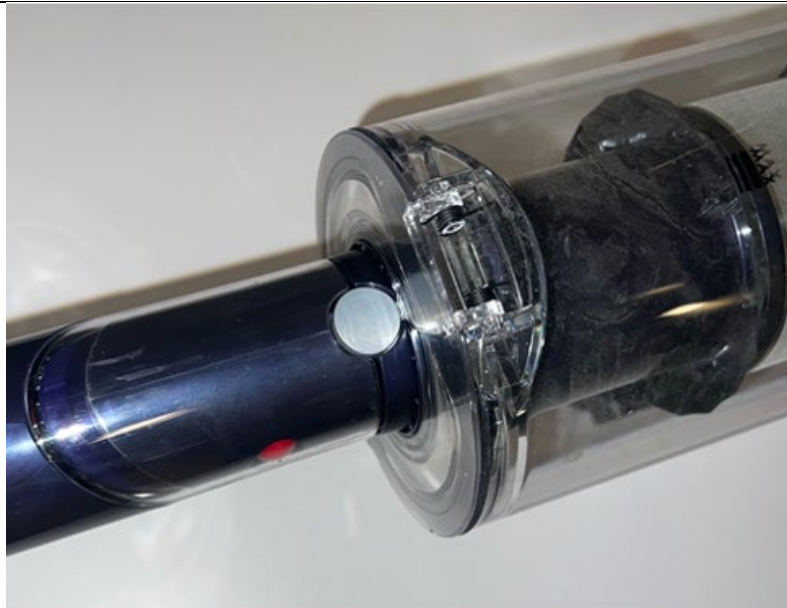
<https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology> (annotated).

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Photograph of Dyson Gen5™.

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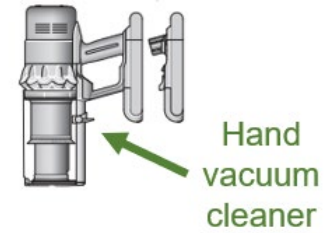


Photograph of Dyson Gen5™.

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	 Photograph of Dyson Gen5™ (annotated).
1[c]. a hand vacuum cleaner removably mountable to the rigid wand outlet end, the hand vacuum cleaner having a front end, a rear end, an upper end, a lower end and a hand vacuum cleaner air inlet, the hand vacuum cleaner comprising:	The Dyson Gen5 line includes a hand vacuum cleaner removably mountable to the rigid wand outlet end, the hand vacuum cleaner having a front end, a rear end, an upper end, a lower end and a hand vacuum cleaner air inlet. For example, the below images show a hand vacuum cleaner removably mountable to the rigid wand outlet end.

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https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).

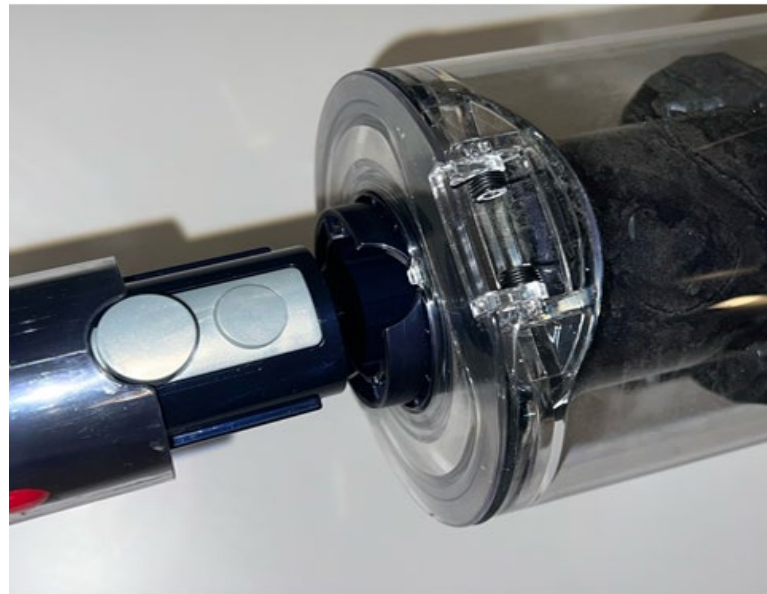
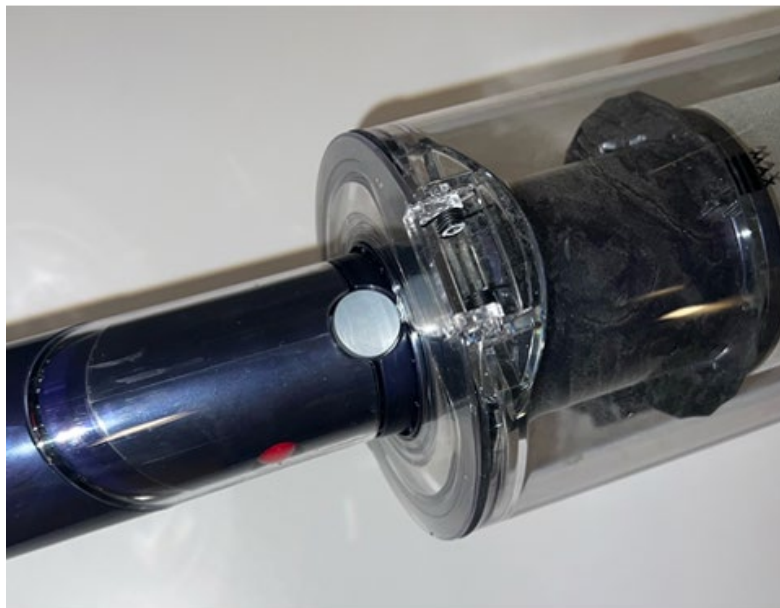


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Photograph of Dyson Gen5™.



Photograph of Dyson Gen5™.



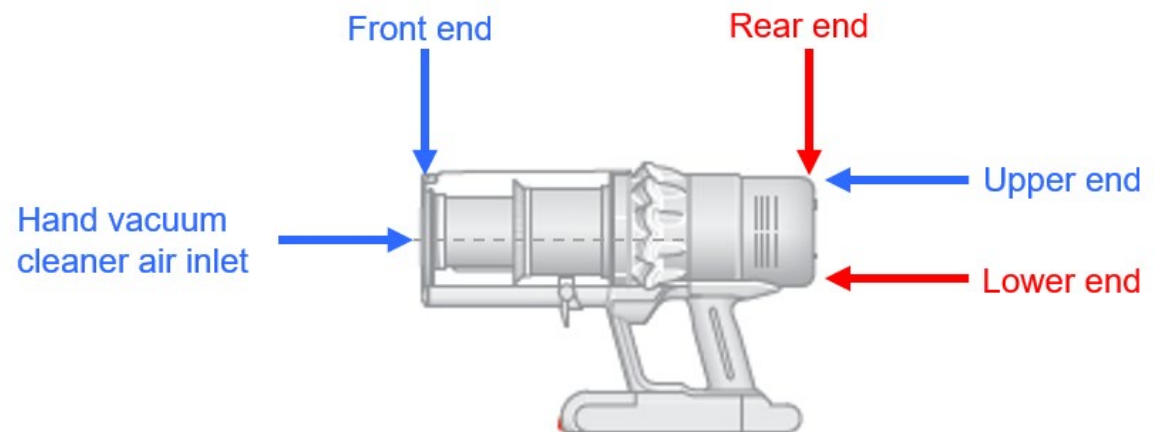
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<https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology>

For example, the below images show the hand vacuum cleaner having a front end, a rear end, an upper end, a lower end and a hand vacuum cleaner air inlet.



<https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology> (annotated).



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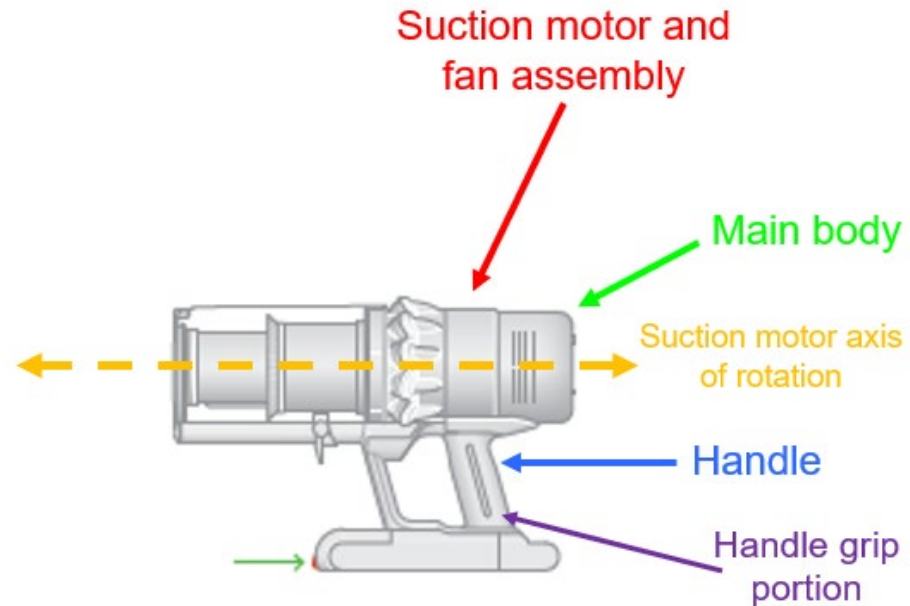
1[c][i]. a main body comprising a handle and a suction motor and fan assembly, the suction motor and fan assembly having a suction motor axis of rotation, the handle having a hand grip portion, a first handle portion and a second handle portion, the first handle portion is mounted to the main body at the location of the suction motor and fan assembly;	The Dyson Gen5 line includes a main body comprising a handle and a suction motor and fan assembly, the suction motor and fan assembly having a suction motor axis of rotation, the handle having a hand grip portion, a first handle portion and a second handle portion, the first handle portion is mounted to the main body at the location of the suction motor and fan assembly. For example, the below images show a main body comprising a handle and a suction motor and fan assembly, the suction motor and fan assembly having a suction motor axis of rotation, the handle having a hand grip portion, a first handle portion and a second handle portion, the first handle portion is mounted to the main body at the location of the suction motor and fan assembly.
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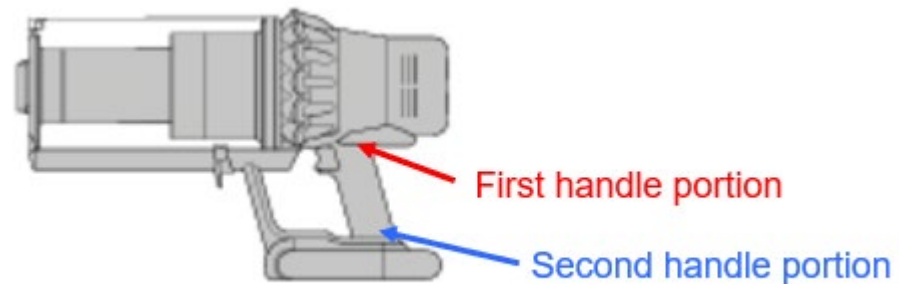


<https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-hepa-purple-iron#technology>

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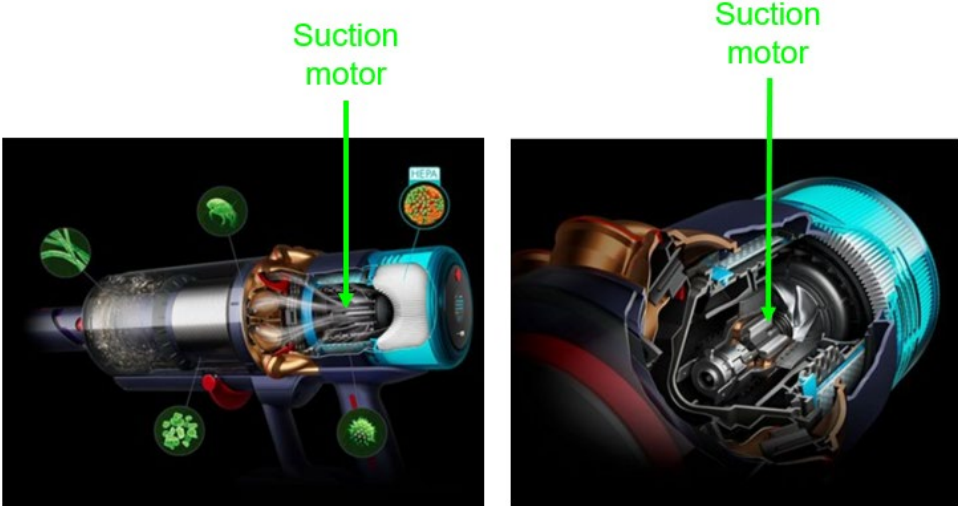
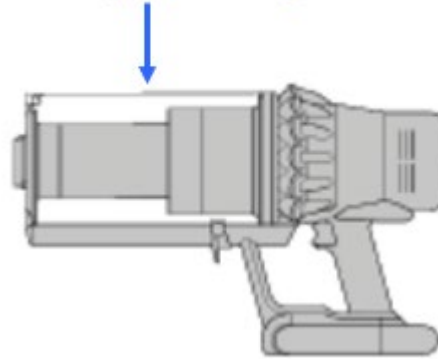
	 https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-absolute-hepa-prussian-blue# (annotated).
1[c][ii]. a first cyclonic stage provided at the front end of the hand vacuum cleaner, the first cyclonic stage having a front end, a rear end and a cyclone axis of rotation extends between the front and rear ends of the first cyclonic stage; and,	The Dyson Gen5 line includes a first cyclonic stage provided at the front end of the hand vacuum cleaner, the first cyclonic stage having a front end, a rear end and a cyclone axis of rotation extends between the front and rear ends of the first cyclonic stage. For example, the below images show a first cyclonic stage provided at the front end of the hand vacuum cleaner, the first cyclonic stage having a front end, a rear end and a cyclone axis of rotation extends between the front and rear ends of the first cyclonic stage.

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First cyclonic stage



https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).

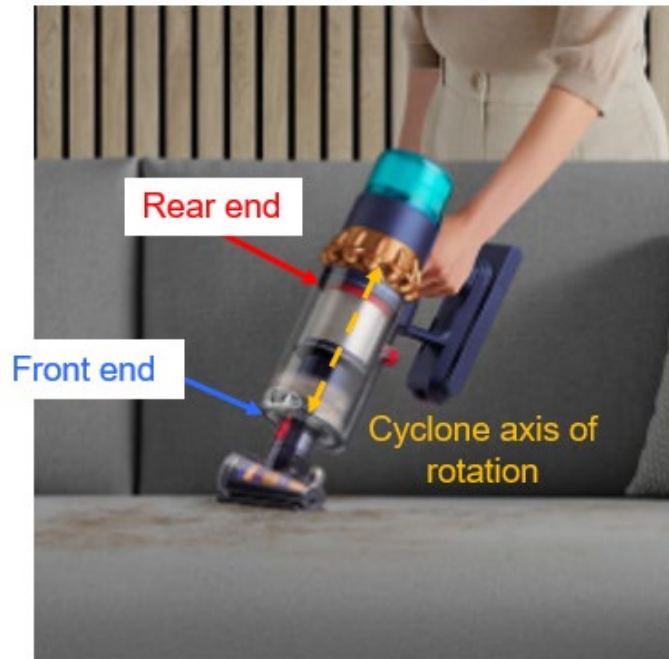


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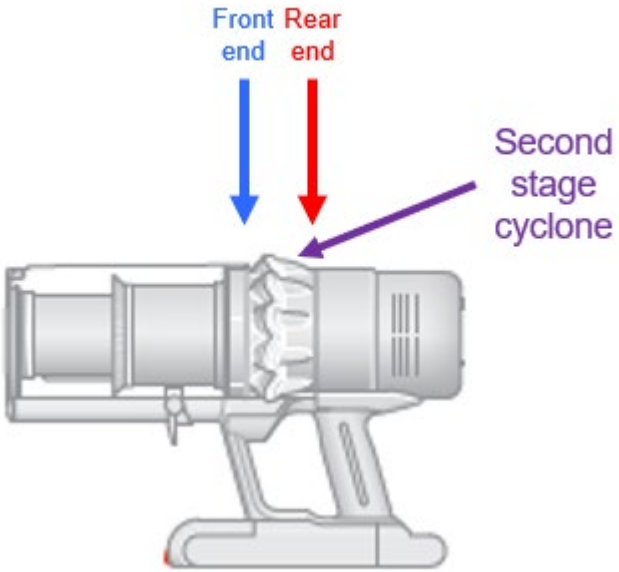
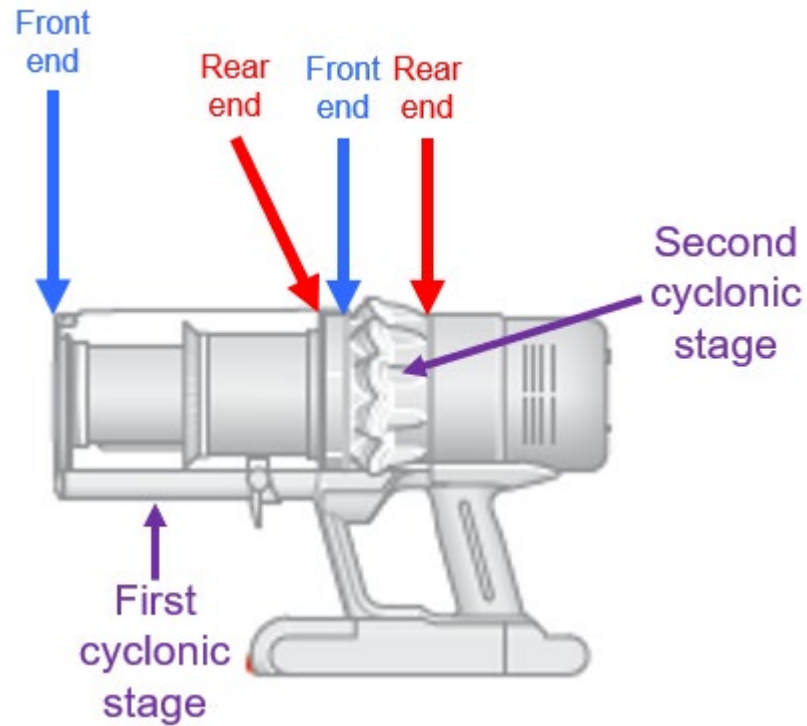
	https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-absolute-hepa-prussian-blue# (annotated).
1[c][iii]. a second cyclonic stage having a front end, a rear end and at least one second stage cyclone having a cyclone axis of rotation that extends between the front and rear ends of the second cyclonic stage and the rear end of the second cyclonic stage is rearward of the rear end of the first cyclonic stage,	The Dyson Gen5 line includes a second cyclonic stage having a front end, a rear end and at least one second stage cyclone having a cyclone axis of rotation that extends between the front and rear ends of the second cyclonic stage and the rear end of the second cyclonic stage is rearward of the rear end of the first cyclonic stage. For example, the below images show a second cyclonic stage having a front end, a rear end and at least one second stage cyclone having a cyclone axis of rotation that extends between the front and rear ends of the second cyclonic stage and the rear end of the second cyclonic stage is rearward of the rear end of the first cyclonic stage.  The diagram shows a side view of the motor unit of a cordless stick vacuum. A blue arrow labeled 'Front end' points to the front of the second cyclonic stage. A red arrow labeled 'Rear end' points to the rear of the second cyclonic stage. A purple arrow labeled 'Second stage cyclone' points to the cyclone located between the front and rear ends of the second cyclonic stage.

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https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).



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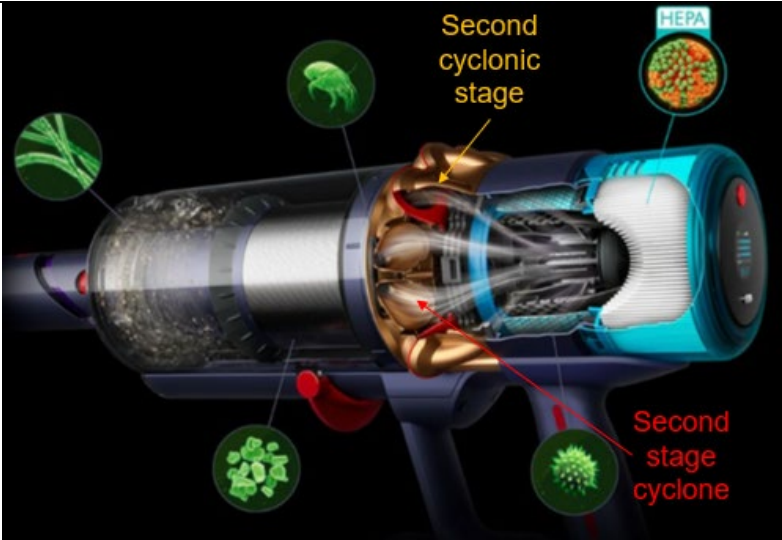
	 https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-absolute-hepa-prussian-blue# (annotated).
1[d]. wherein the suction motor is positioned rearward of the first cyclonic stage, and	The Dyson Gen5 line includes a suction motor is positioned rearward of the first cyclonic stage. For example, the below images show a suction motor is positioned rearward of the first cyclonic stage.

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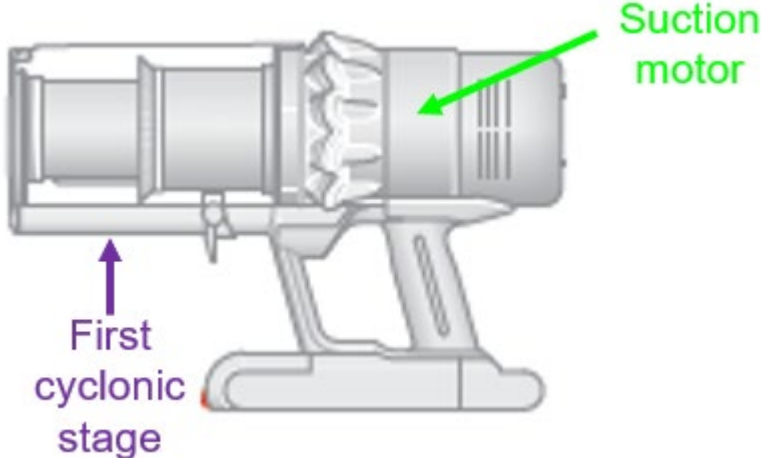
	 https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).
1[e]. wherein, when the hand vacuum cleaner is mounted to the rigid wand outlet end, handle is drivingly connected to the surface cleaning head.	The Dyson Gen5 line includes a surface cleaning apparatus wherein, when the hand vacuum cleaner is mounted to the rigid wand outlet end, handle is drivingly connected to the surface cleaning head. For example, the below images show a surface cleaning apparatus wherein, when the hand vacuum cleaner is mounted to the rigid wand outlet end, handle is drivingly connected to the surface cleaning head.

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	https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-absolute-hepa-prussian-blue# (annotated).
10. The surface cleaning apparatus of claim 1 wherein the handle is also attached to a sidewall of the main body.	The Dyson Gen5 line includes a surface cleaning apparatus wherein the handle is also attached to a sidewall of the main body. For example, the below images show a surface cleaning apparatus wherein the handle is also attached to a sidewall of the main body.

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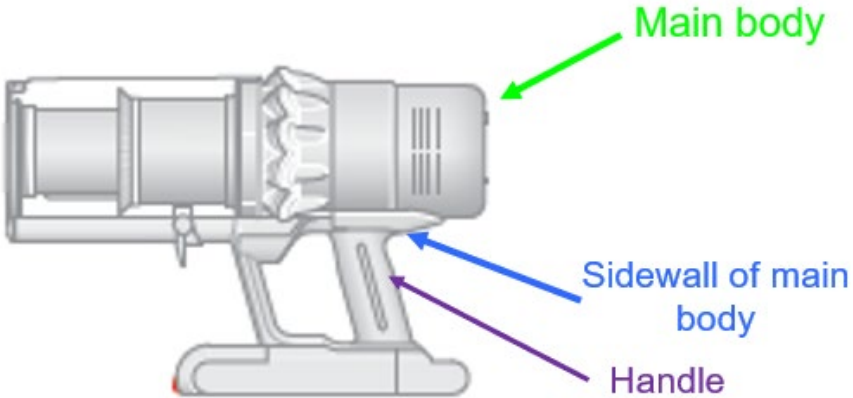
	 https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).
12. The surface cleaning apparatus of claim 1 wherein the rigid wand outlet end has an outlet end electrical connector, the hand vacuum cleaner further comprises a hand vacuum cleaner electrical connector provided adjacent the hand vacuum cleaner air inlet, and the hand vacuum cleaner electrical connector is releaseably engageable with the outlet end electrical connector.	The Dyson Gen5 line includes a surface cleaning apparatus wherein the rigid wand outlet end has an outlet end electrical connector, the hand vacuum cleaner further comprises a hand vacuum cleaner electrical connector provided adjacent the hand vacuum cleaner air inlet, and the hand vacuum cleaner electrical connector is releaseably engageable with the outlet end electrical connector. For example, the below images show a surface cleaning apparatus wherein the rigid wand outlet end has an outlet end electrical connector, the hand vacuum cleaner further comprises a hand vacuum cleaner electrical connector provided adjacent the hand vacuum cleaner air inlet, and the hand vacuum cleaner electrical connector is releaseably engageable with the outlet end electrical connector.

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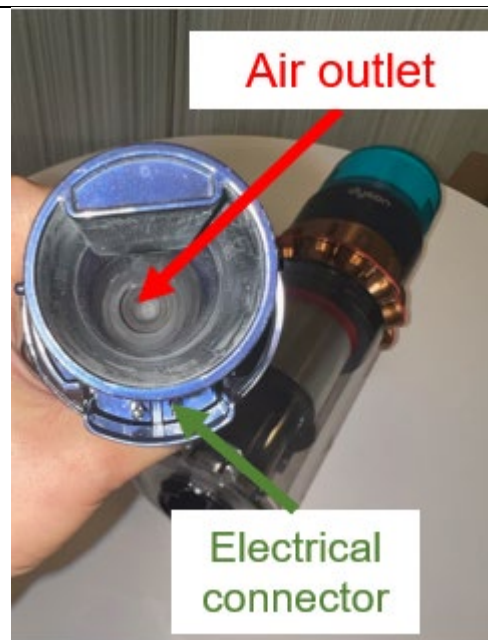
Air inlet

Electrical
connector



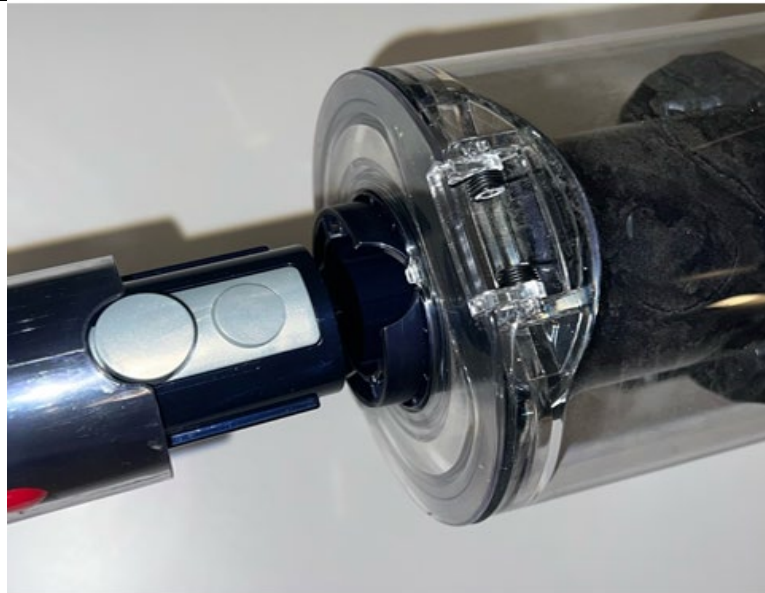
Photograph of Dyson Gen5™ (annotated).

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Photograph of Dyson Gen5™ (annotated).

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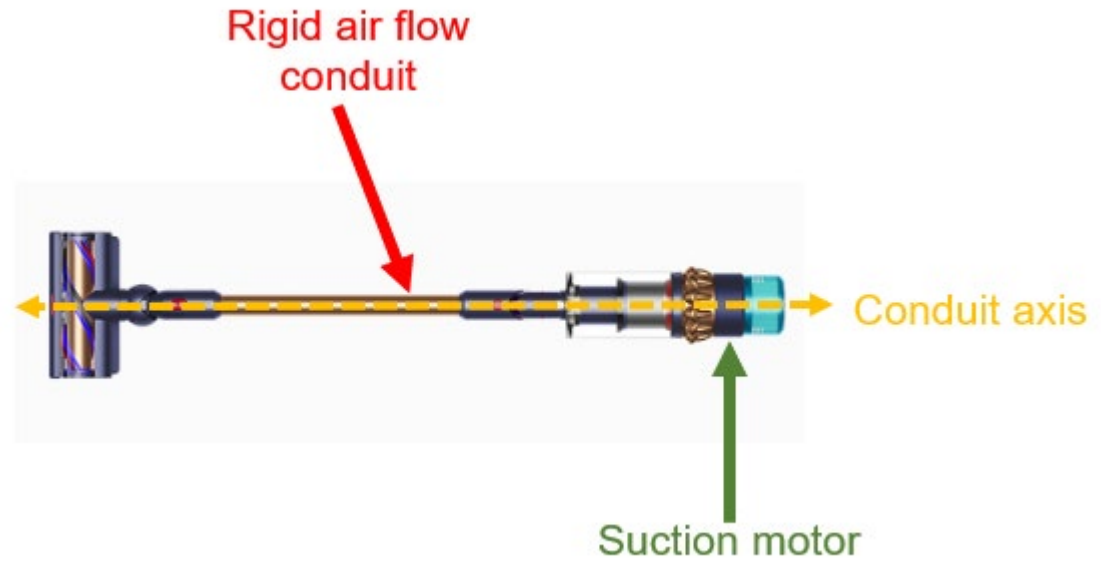


Photograph of Dyson Gen5™.

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	 Photograph of Dyson Gen5™.
13. The surface cleaning apparatus of claim 1 wherein when the hand vacuum cleaner is mounted to the rigid wand outlet end, the longitudinally extending conduit axis extends in a same direction as the suction motor axis of rotation.	The Dyson Gen5 line includes a surface cleaning apparatus wherein when the hand vacuum cleaner is mounted to the rigid wand outlet end, the longitudinally extending conduit axis extends in a same direction as the suction motor axis of rotation. For example, the below images show a surface cleaning apparatus wherein when the hand vacuum cleaner is mounted to the rigid wand outlet end, the longitudinally extending conduit axis extends in a same direction as the suction motor axis of rotation.

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<https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-absolute-hepa-prussian-blue#> (annotated).

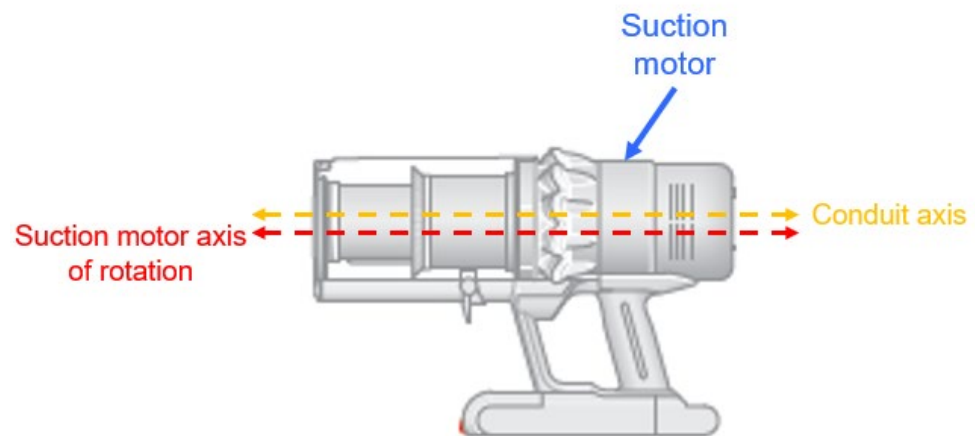


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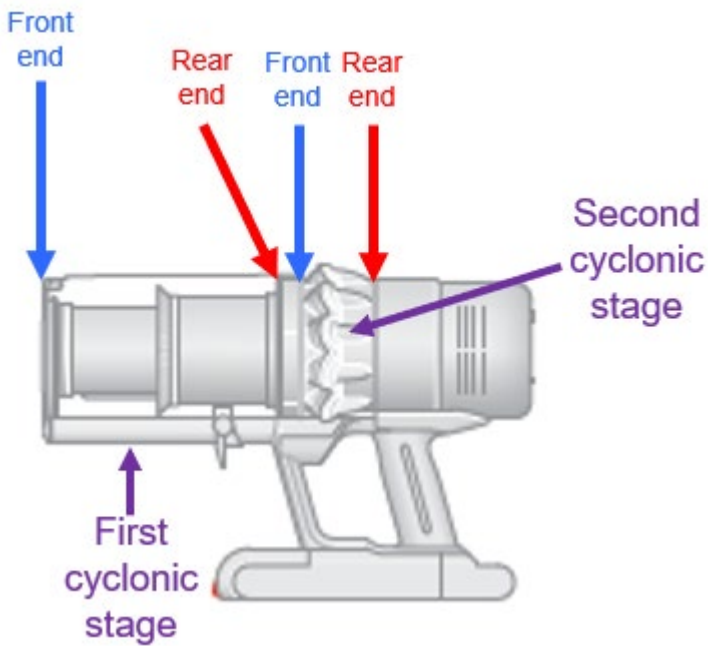
	https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).
14. The surface cleaning apparatus of claim 1 wherein the front end of the second cyclonic stage is rearward of the rear end of the first cyclonic stage.	The Dyson Gen5 line includes a surface cleaning apparatus wherein the front end of the second cyclonic stage is rearward of the rear end of the first cyclonic stage For example, the below images show a surface cleaning apparatus wherein the front end of the second cyclonic stage is rearward of the rear end of the first cyclonic stage.  https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/vacuumcleaners/cordlessstickvacuums/sv23/447329-01.pdf (annotated).

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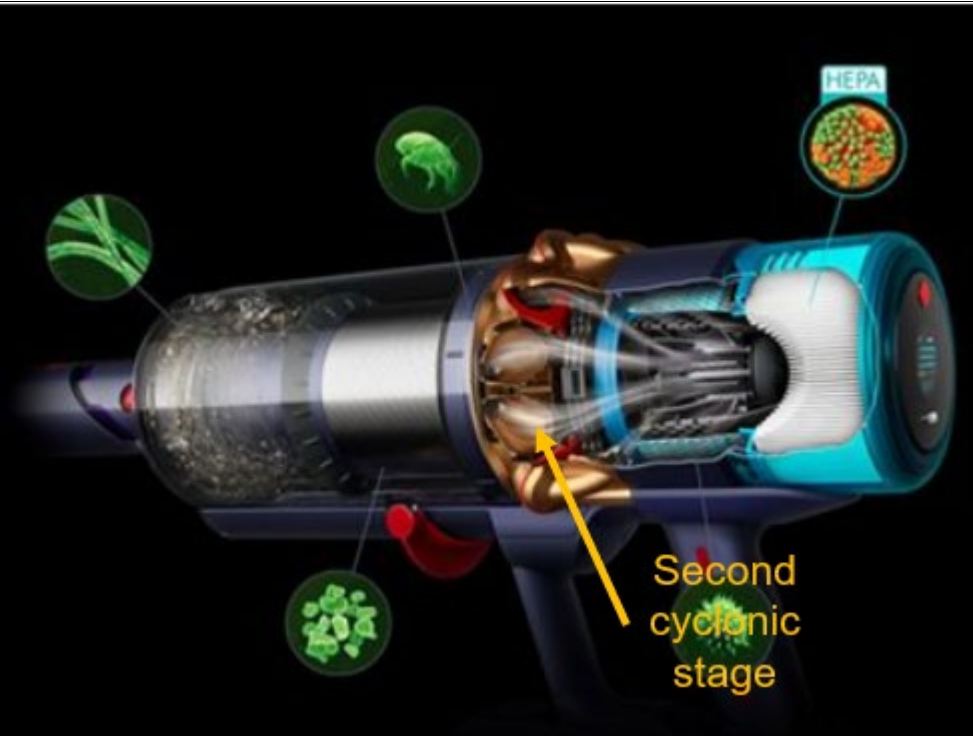
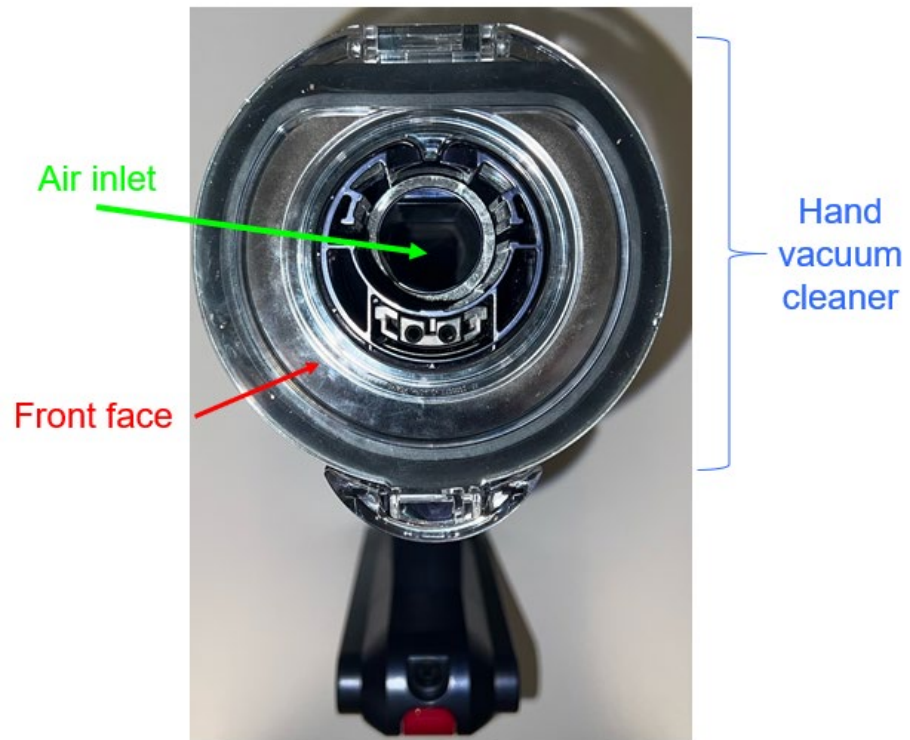
	 https://www.dyson.com/vacuum-cleaners/cordless/gen5/detect-absolute-hepa-prussian-blue# (annotated).
15. The surface cleaning apparatus of claim 1 wherein the front face has the hand vacuum cleaner air inlet.	The Dyson Gen5 line includes a surface cleaning apparatus wherein the front face has the hand vacuum cleaner air inlet. For example, the below images show a surface cleaning apparatus wherein the front face has the hand vacuum cleaner air inlet.

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Photograph of Dyson Gen5™ (annotated).