



US0D1089918S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,918 S**
Chen (45) **Date of Patent:** **** Aug. 19, 2025**

(54) **DUST COLLECTING HOOD**

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(72) Inventor: **Chin-Nan Chen**, Keelung (TW)

(**) Term: **15 Years**

(21) Appl. No.: **29/912,279**

(22) Filed: **Sep. 15, 2023**

(51) **LOC (15) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/32**

(58) **Field of Classification Search**
USPC D32/25, 31, 32, 39
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,550,957 A * 11/1985 Keane H01R 35/02
439/13
4,557,535 A * 12/1985 Keane A47L 9/246
439/13

(Continued)

FOREIGN PATENT DOCUMENTS

CN 210200333 U * 3/2020
DE 10111867 A1 * 9/2002 A47L 9/02
(Continued)

OTHER PUBLICATIONS

Dust Hose, posted Mar. 14, 2017 [online], [retrieved Jan. 15, 2025].
Retrieved from internet, <https://www.amazon.com/Taytools-114960-Connect-Collection-Fittings/dp/B074Y6ZNQB> (Year: 2017).*

(Continued)

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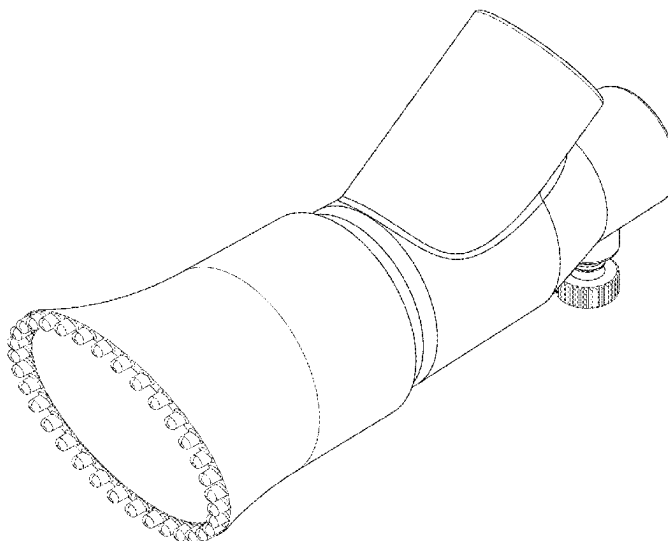
(57) **CLAIM**

The ornamental design for a dust collecting hood as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of a dust collecting hood showing a first embodiment of my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left elevational view thereof; FIG. 5 is a right elevational view thereof; FIG. 6 is a top elevational view thereof; FIG. 7 is a bottom elevational view thereof; FIG. 8 is an exploded view illustrates that dust collecting hood is able to be assembled to a first type of fluid sprayer and a suction tube of a vacuum cleaner under a first operational state; FIG. 9 illustrates that the dust collecting hood is in use under the first operation state, where the dust collecting hood is assembled to the first type of the fluid sprayer and the suction tube of a vacuum cleaner; FIG. 10 is another exploded view illustrates that dust collecting hood is able to be assembled to a second type of fluid sprayer and the suction tube of the vacuum cleaner under a second operational state; FIG. 11 illustrates that the dust collecting hood is in use under the second operational state, where the dust collecting hood is assembled to the second type of the fluid sprayer and the suction tube of the vacuum cleaner; and, FIG. 12 illustrate that the dust collecting hood in use, where the dust collecting hood is assembled to another fluid sprayer and non-woven bag.
The broken lines illustrate environmental structures which form no part of the claimed design.

1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**

CPC . A47L 9/10; A47L 9/102; A47L 9/106; A47L
9/104; A47L 9/12; A47L 11/4027; A47L
11/4094

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D325,796 S *	4/1992	Kallenbach	D32/32
5,454,139 A *	10/1995	Beck	A47L 5/18
			15/409
D393,113 S *	3/1998	Essex	D32/31
D410,782 S *	6/1999	Siemens	D32/25
D472,024 S *	3/2003	Caldwell	B26B 19/44
			D32/32
D607,622 S *	1/2010	Blateri	D32/25
D613,918 S *	4/2010	Benacquisto	D32/39
D683,918 S *	6/2013	Erlach	D32/25
D701,010 S *	3/2014	Tate	D32/32
D767,224 S *	9/2016	Santiago	D32/32
D774,859 S *	12/2016	Stucki	D8/61
D780,392 S *	2/2017	Mikula	D32/32

D789,634 S *	6/2017	Witter	D32/32
D801,606 S *	10/2017	Mikula	D32/32
D986,042 S *	5/2023	Sostar	D8/382
2004/0060719 A1 *	4/2004	Wiborg	B24B 55/10
			173/218
2005/0246846 A1 *	11/2005	Rutkowski	E03F 9/005
			254/134.3 FT
2016/0302633 A1 *	10/2016	Lucas	B08B 5/04
2017/0127804 A1 *	5/2017	Lee	A45D 44/16

FOREIGN PATENT DOCUMENTS

DE	202007011613 U1 *	1/2008	A47L 7/02
GB	2138686 A *	10/1984	A61M 1/0033
GB	2406264 A *	3/2005	A47L 9/242
WO	WO-2013142586 A1 *	9/2013	A61M 1/0031

OTHER PUBLICATIONS

Dust Router Hood, posted Aug. 2, 2017 [online], [retrieved Jan. 15, 2025]. Retrieved from internet, <https://www.amazon.com/ONEIDA-SYSTEMS-Universal-Router-Hood/dp/B07481HTY6> (Year: 2017).*

* cited by examiner

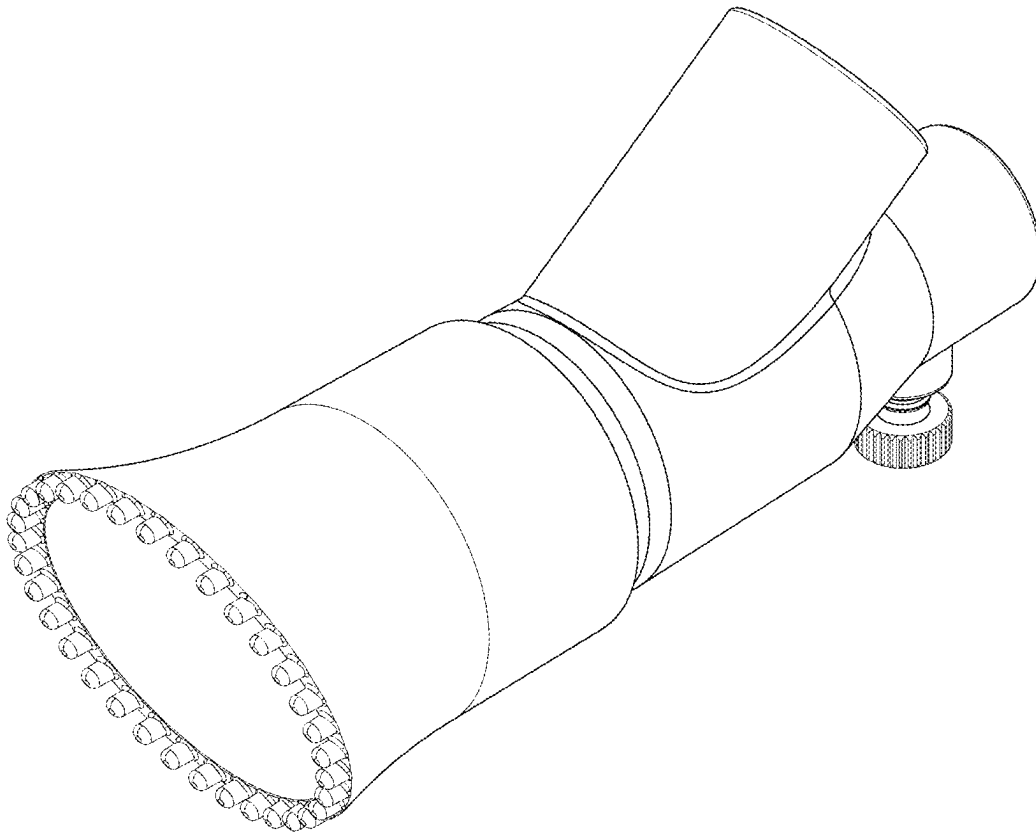


FIG. 1

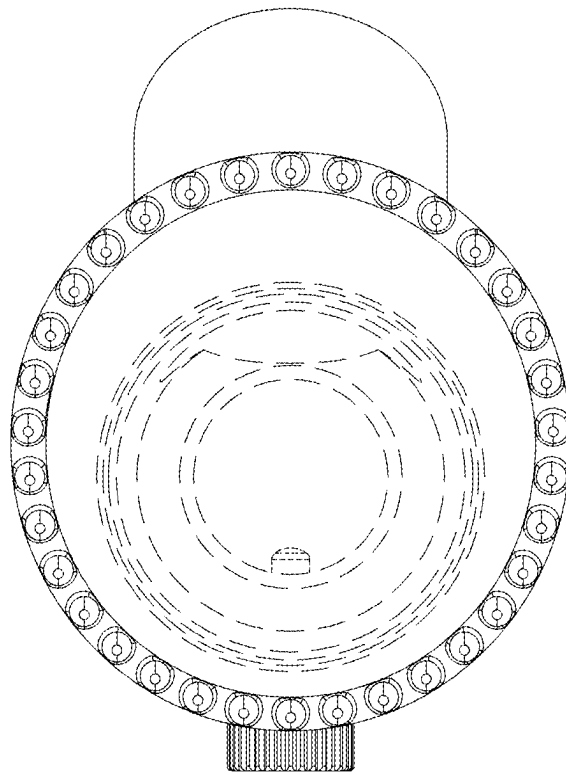


FIG. 2

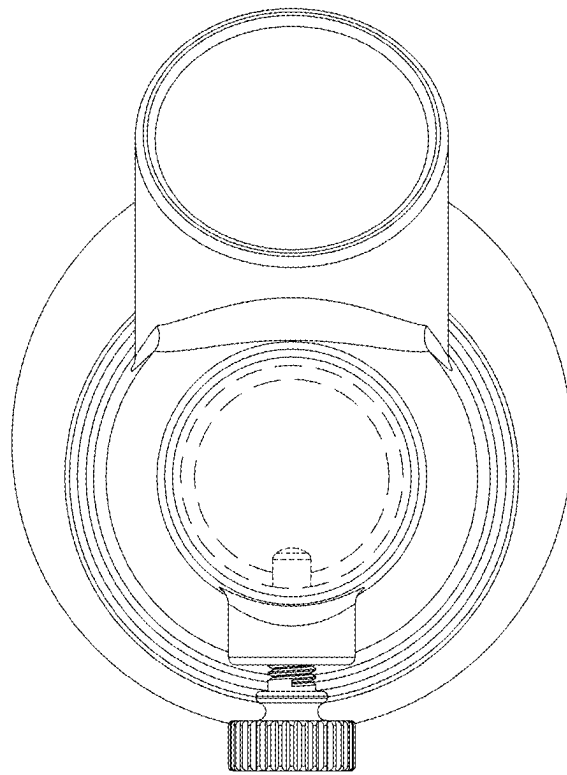


FIG. 3

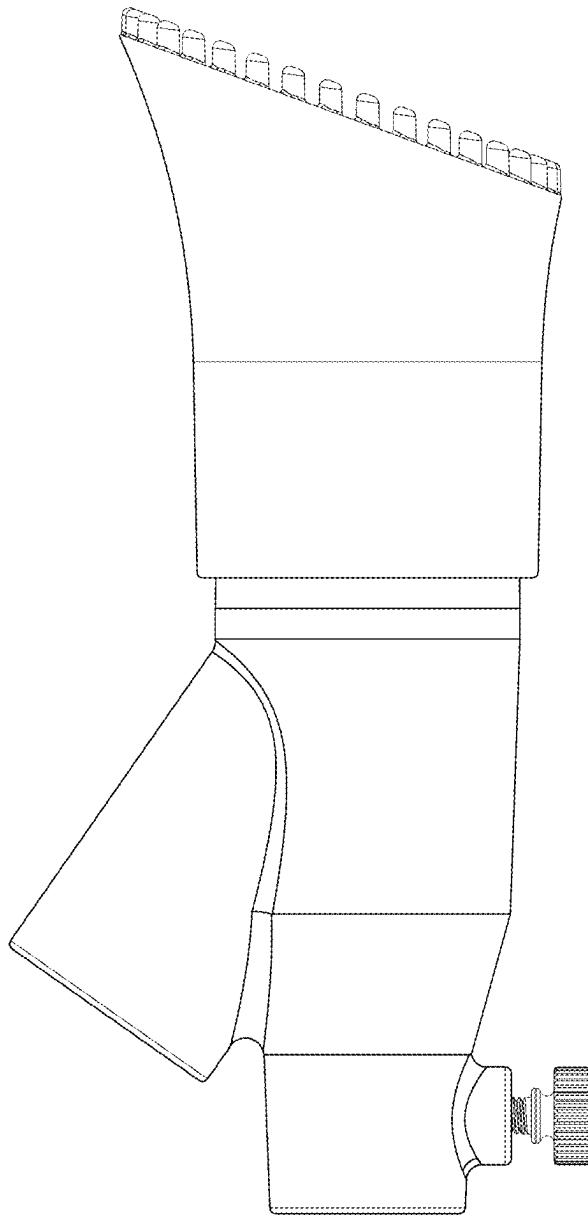


FIG. 4

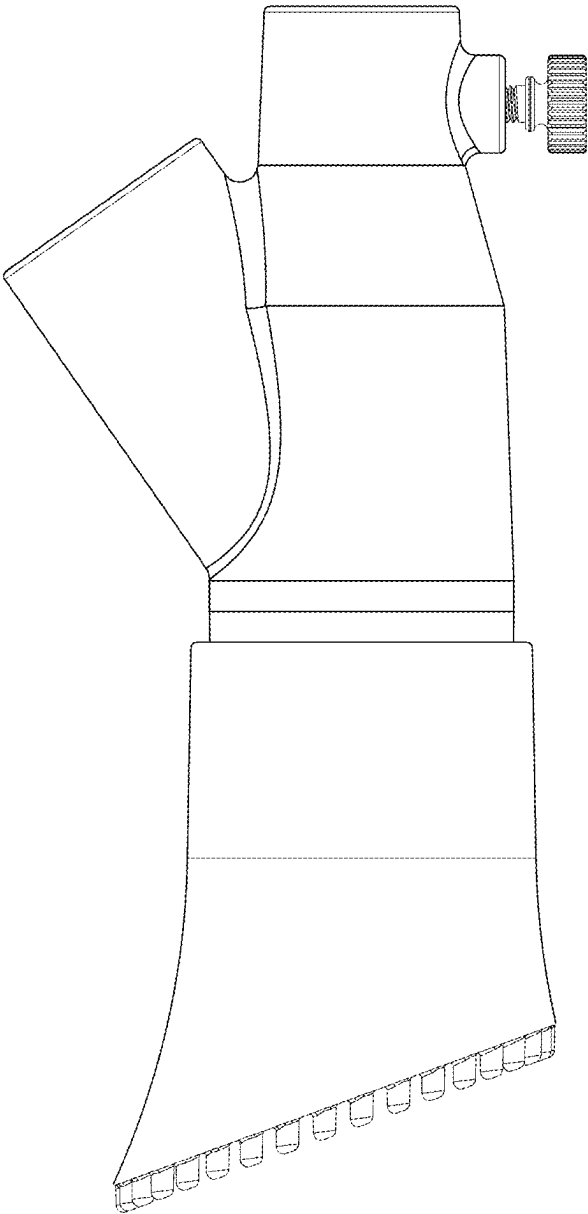


FIG. 5

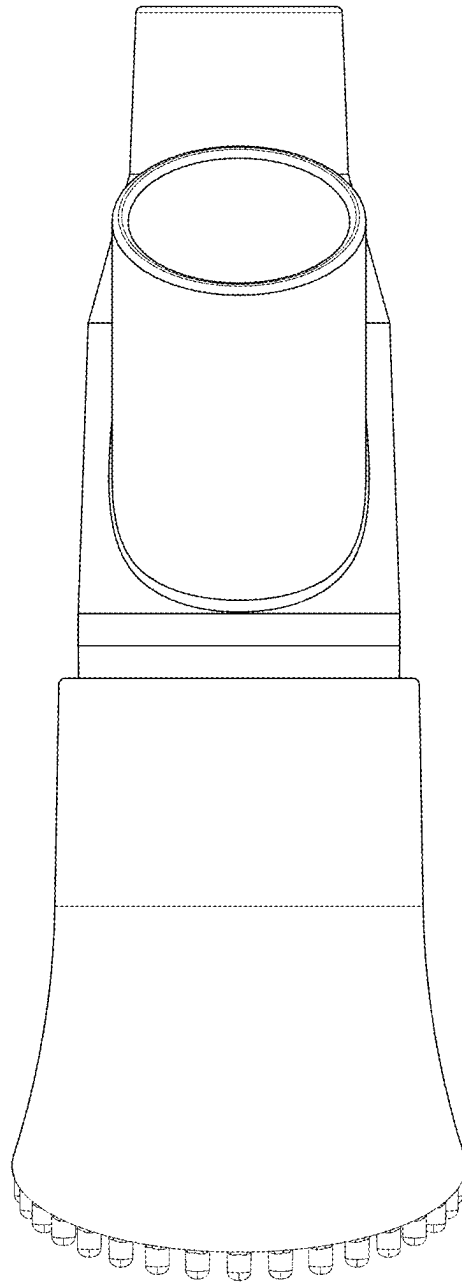


FIG. 6

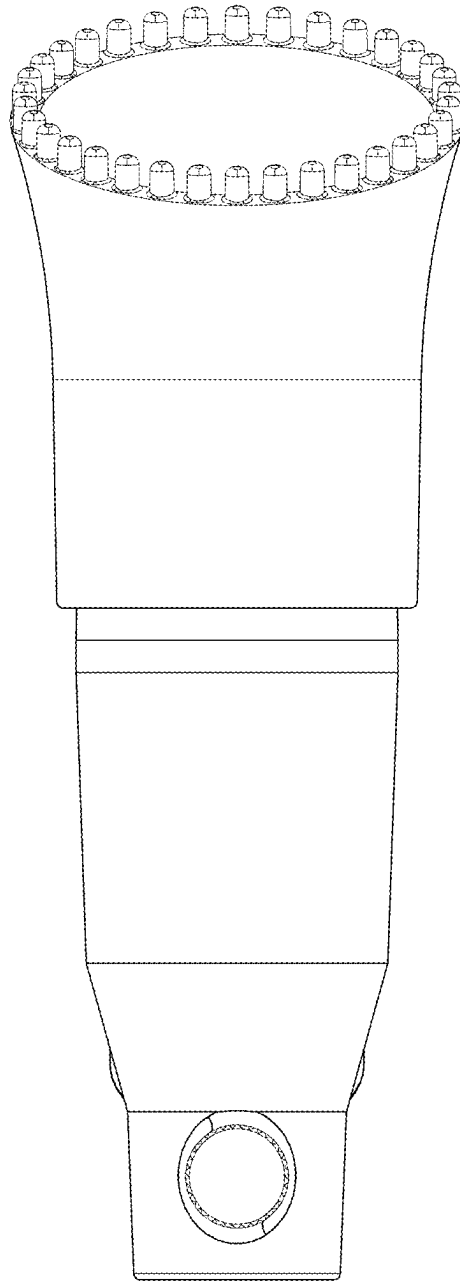


FIG. 7

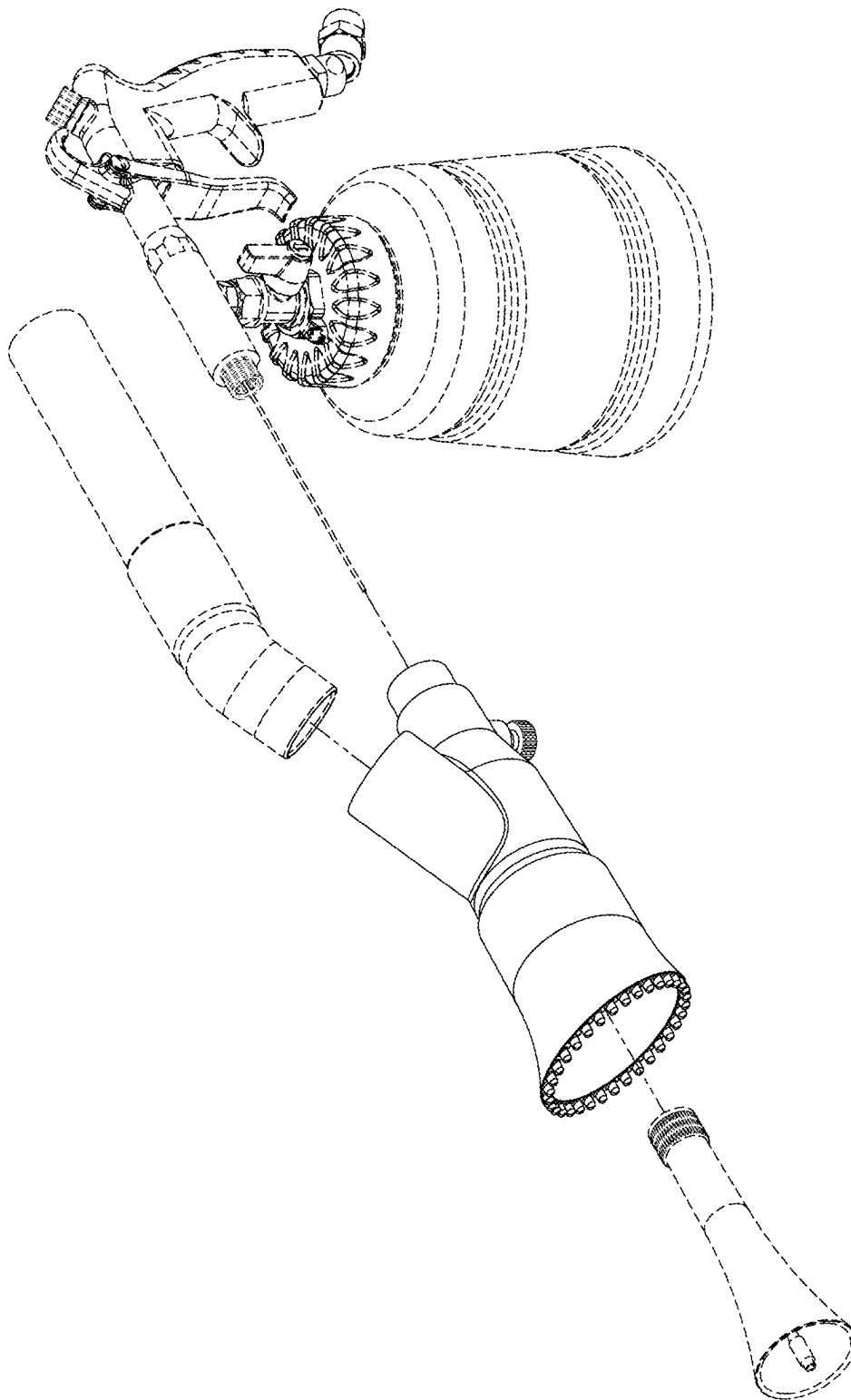


FIG. 8

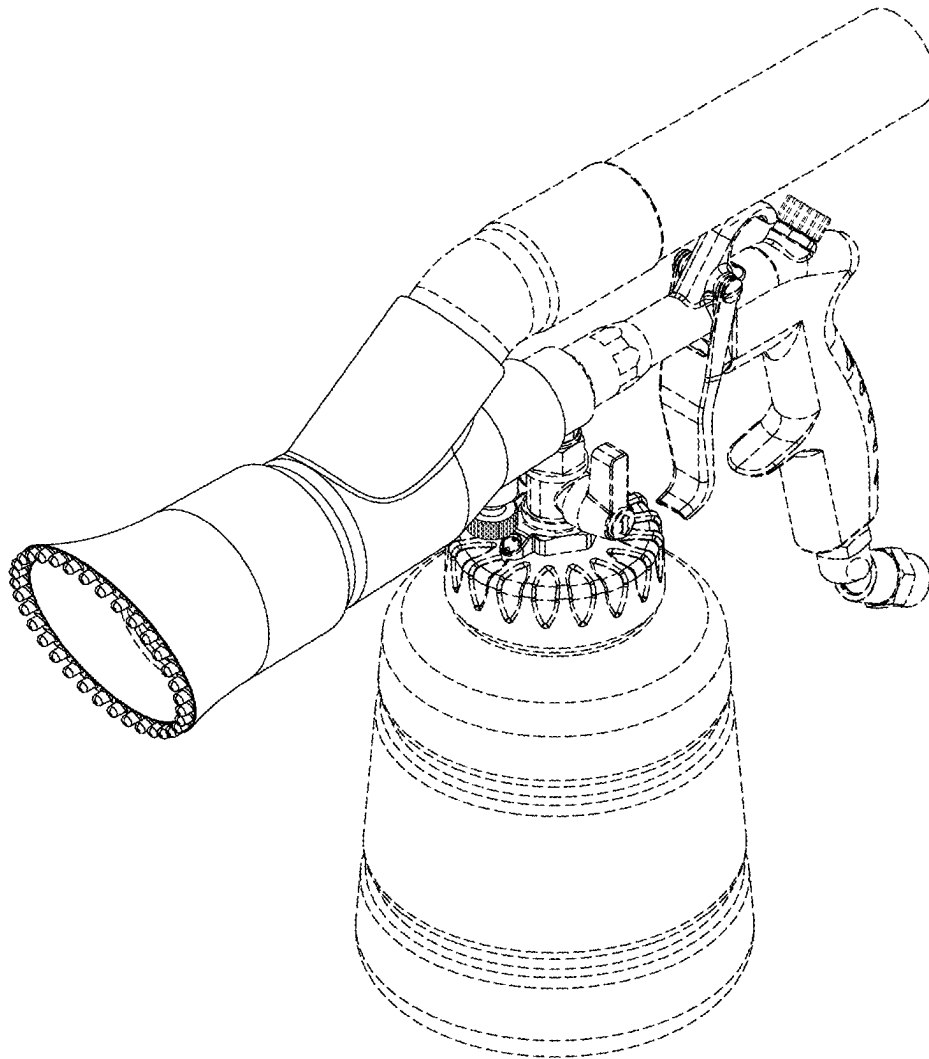


FIG. 9

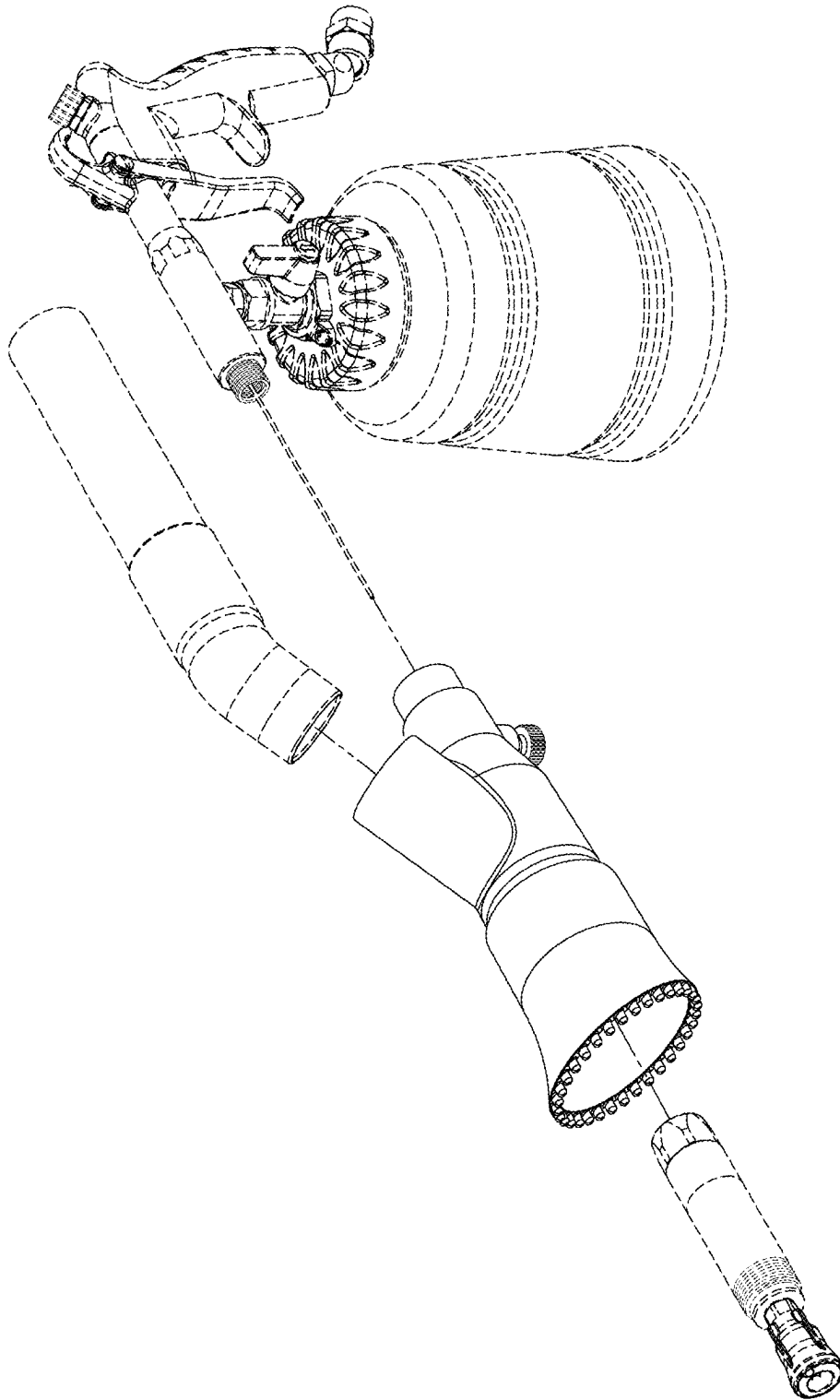


FIG. 10

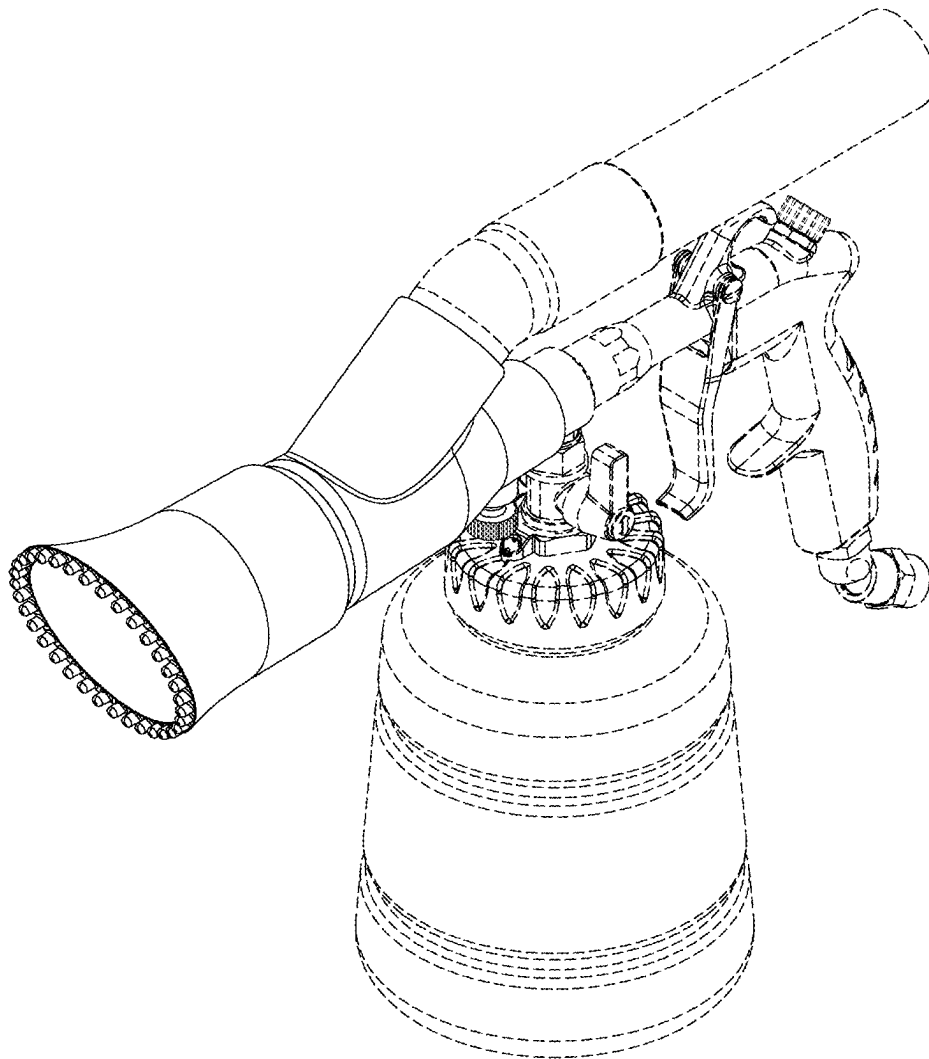


FIG. 11

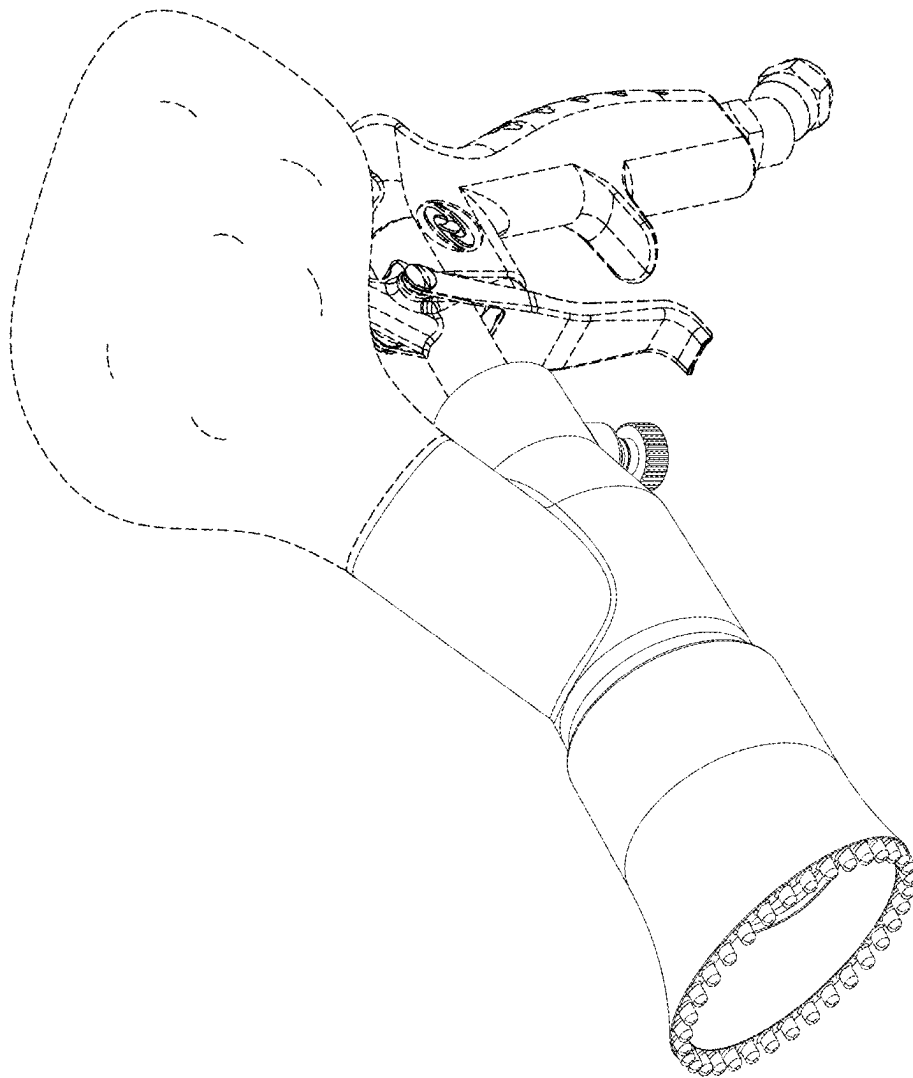


FIG. 12