



US0D1007646S

(12) **United States Design Patent**  
**He**

(10) **Patent No.:** **US D1,007,646 S**

(45) **Date of Patent:** **\*\* Dec. 12, 2023**

(54) **SPRINKLER**

(71) Applicant: **Xiaoyin He**, Shantou (CN)

(72) Inventor: **Xiaoyin He**, Shantou (CN)

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

(21) Appl. No.: **29/896,899**

(22) Filed: **Jul. 10, 2023**

(51) **LOC (14) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/214**

(58) **Field of Classification Search**  
USPC ..... D23/213, 214, 215, 217, 219, 220, 223,  
D23/224, 226, 229, 230  
CPC ..... A61H 9/0021; A61H 33/00; B05B 1/00;  
B05B 1/14; B05B 1/185; B05B 1/08;  
B05B 1/02; B05B 1/26; B05B 12/002;  
B05B 1/18; B05B 9/01  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D238,670 S *	2/1976	Beamer	.....	D23/220
D277,127 S *	1/1985	Mackay	.....	D23/214
D296,920 S *	7/1988	Evans	.....	D23/214
D307,044 S *	4/1990	Johnston	.....	D23/220
D313,269 S *	12/1990	Clivio	.....	D23/220
D346,009 S *	4/1994	Simonetti	.....	D23/220
D397,203 S *	8/1998	Wang	.....	D23/214
D415,248 S *	10/1999	Roman	.....	D23/214
D421,639 S *	3/2000	Clivio	.....	D23/214
D457,597 S *	5/2002	Chen	.....	D23/220

D465,260 S *	11/2002	Chen	.....	D23/214
D466,973 S *	12/2002	Clivio	.....	D23/214
D467,301 S *	12/2002	Clivio	.....	D23/214
D492,005 S *	6/2004	Wang	.....	D23/214
D498,513 S *	11/2004	Hudman	.....	D23/214
D606,622 S *	12/2009	Sorenson	.....	D23/214
D615,154 S *	5/2010	Cheng	.....	D23/214
D615,611 S *	5/2010	Cheng	.....	D23/214
D754,284 S *	4/2016	Stowers	.....	D23/216
D980,948 S	3/2023	Hackett et al.		

**OTHER PUBLICATIONS**

5set 3 Branches Buried Automatic Rotating Nozzle Modular, Dec. 9, 2020, amazon.ca, Aug. 4, 2023, URL: <https://www.amazon.ca/dp/B08Q3GND8M/> (Year: 2020).\*

\* cited by examiner

*Primary Examiner* — Keith J Wilson

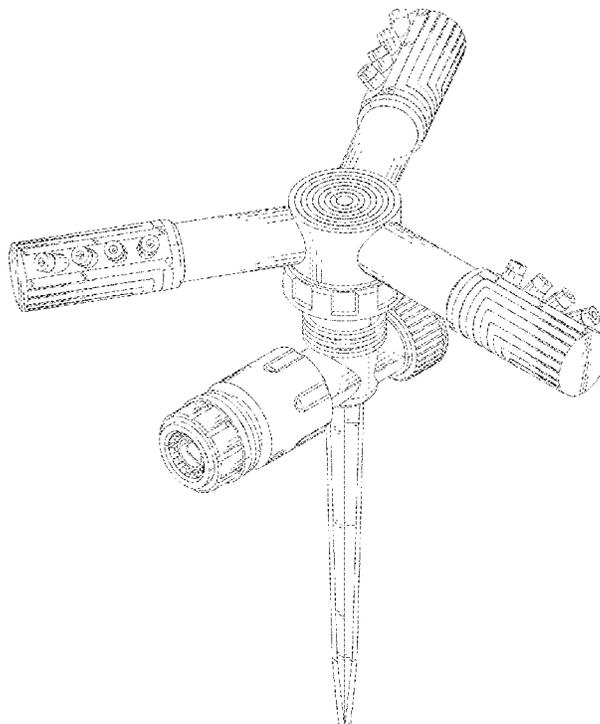
(57) **CLAIM**

The ornamental design for a sprinkler, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a sprinkler, showing my new design;  
FIG. 2 is a bottom perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top view thereof; and,  
FIG. 8 is a bottom view thereof.

**1 Claim, 8 Drawing Sheets**



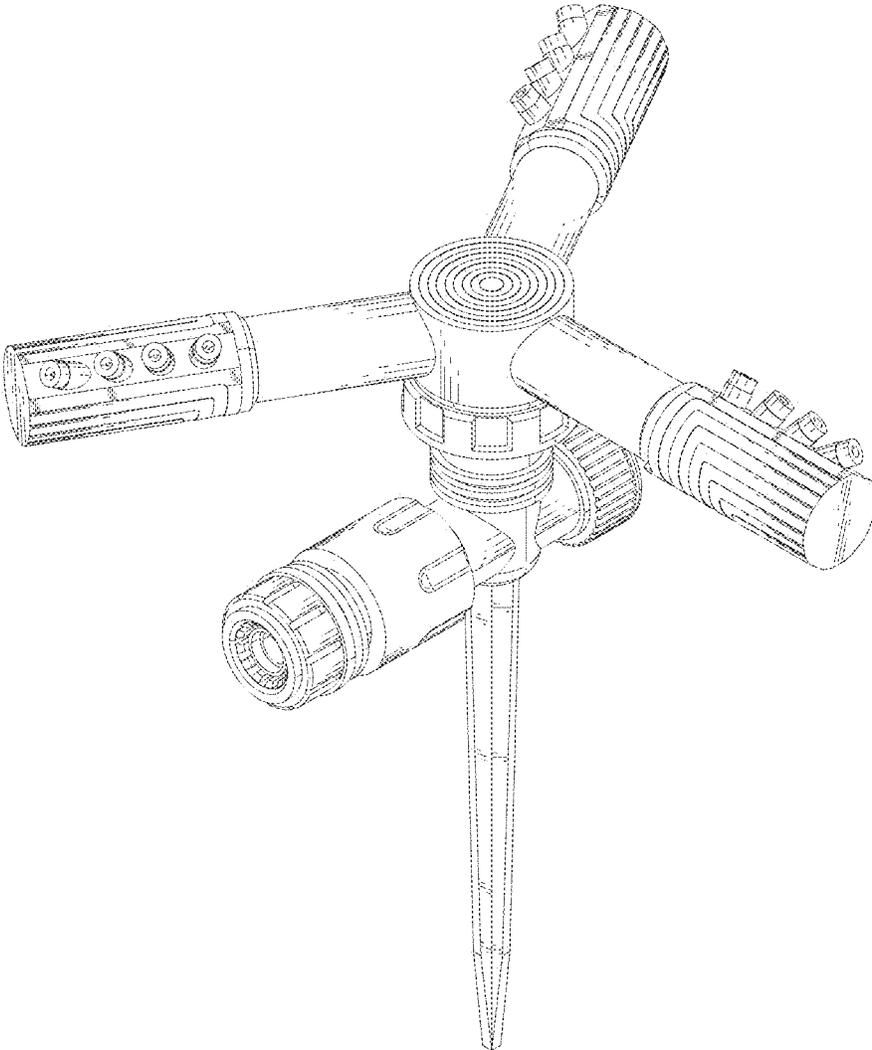


FIG. 1

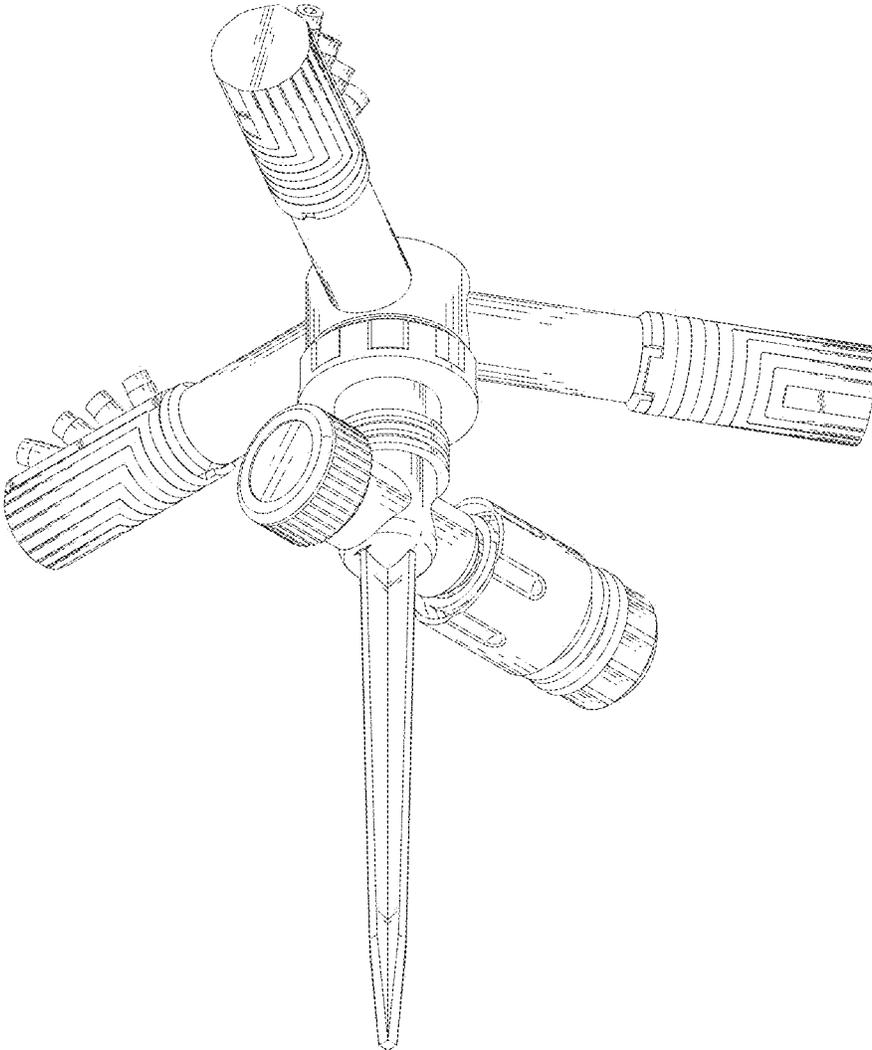


FIG. 2

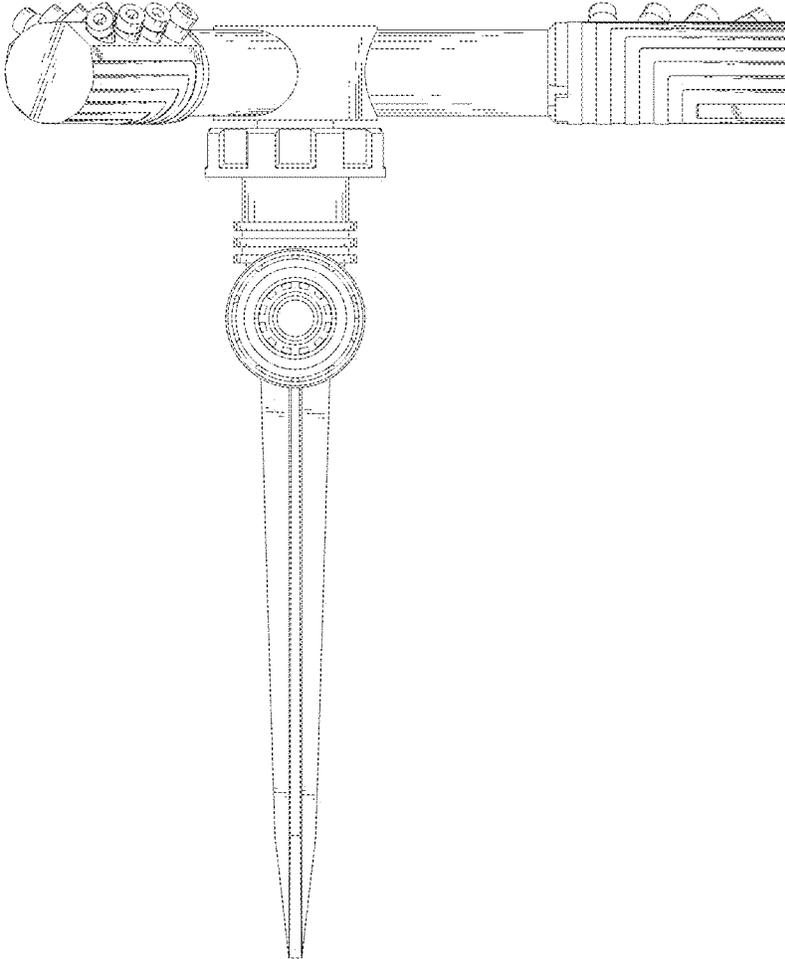


FIG. 3

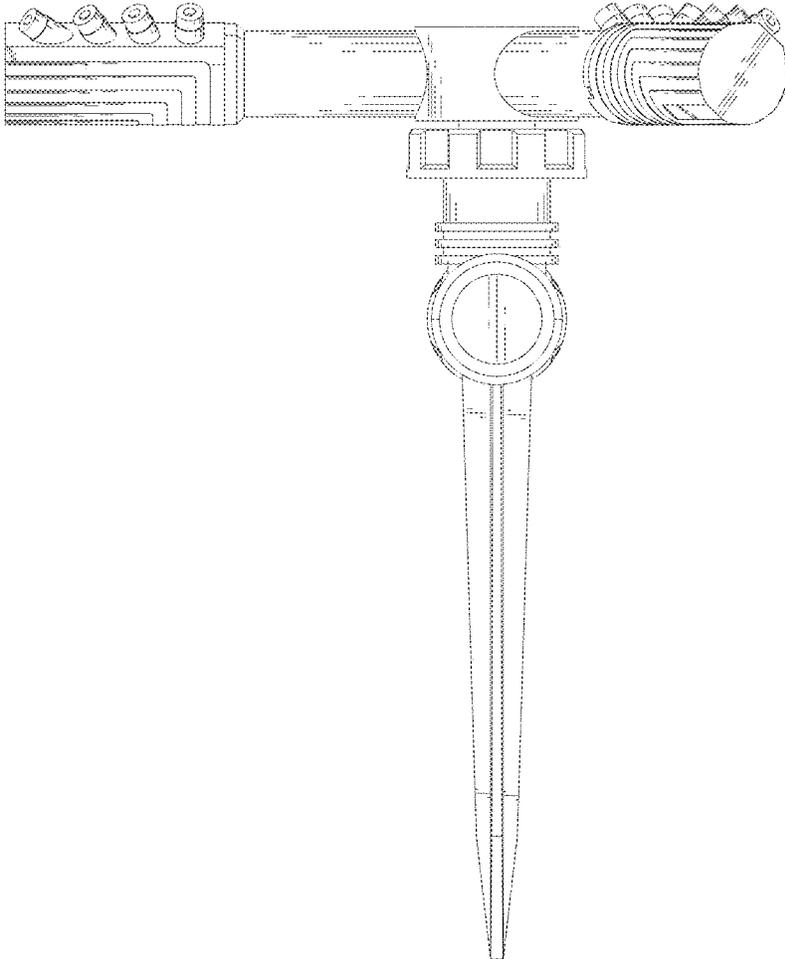


FIG. 4

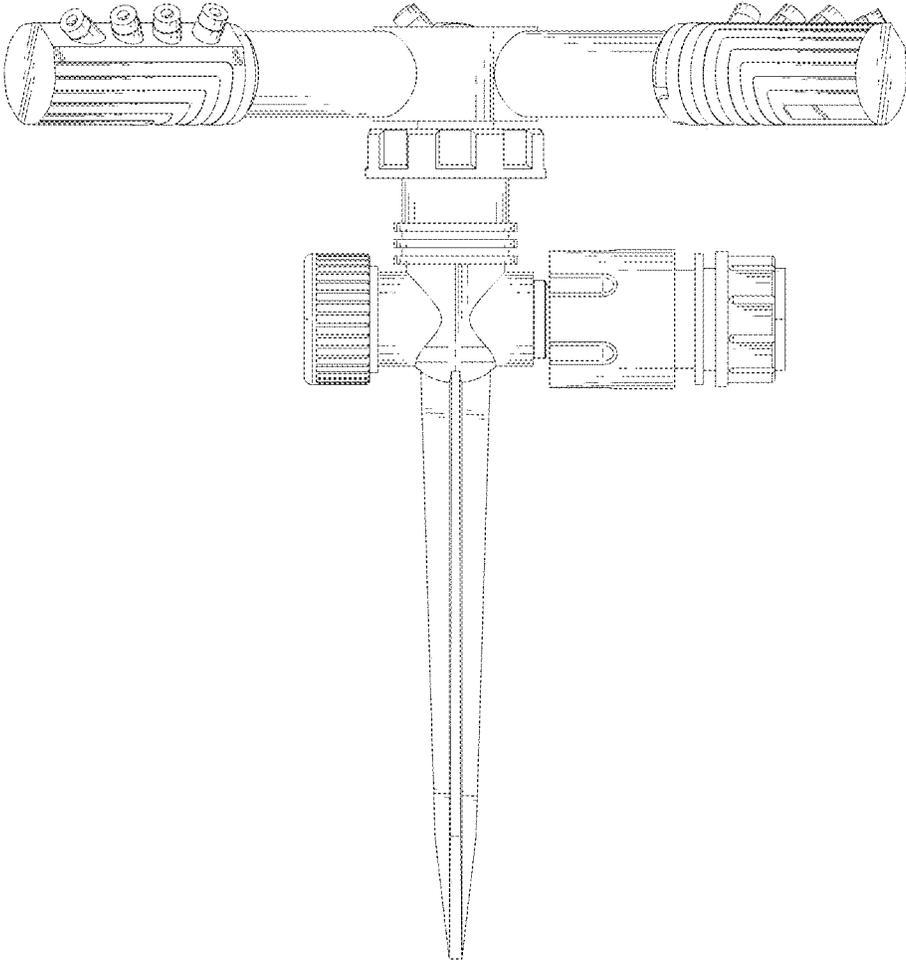


FIG. 5

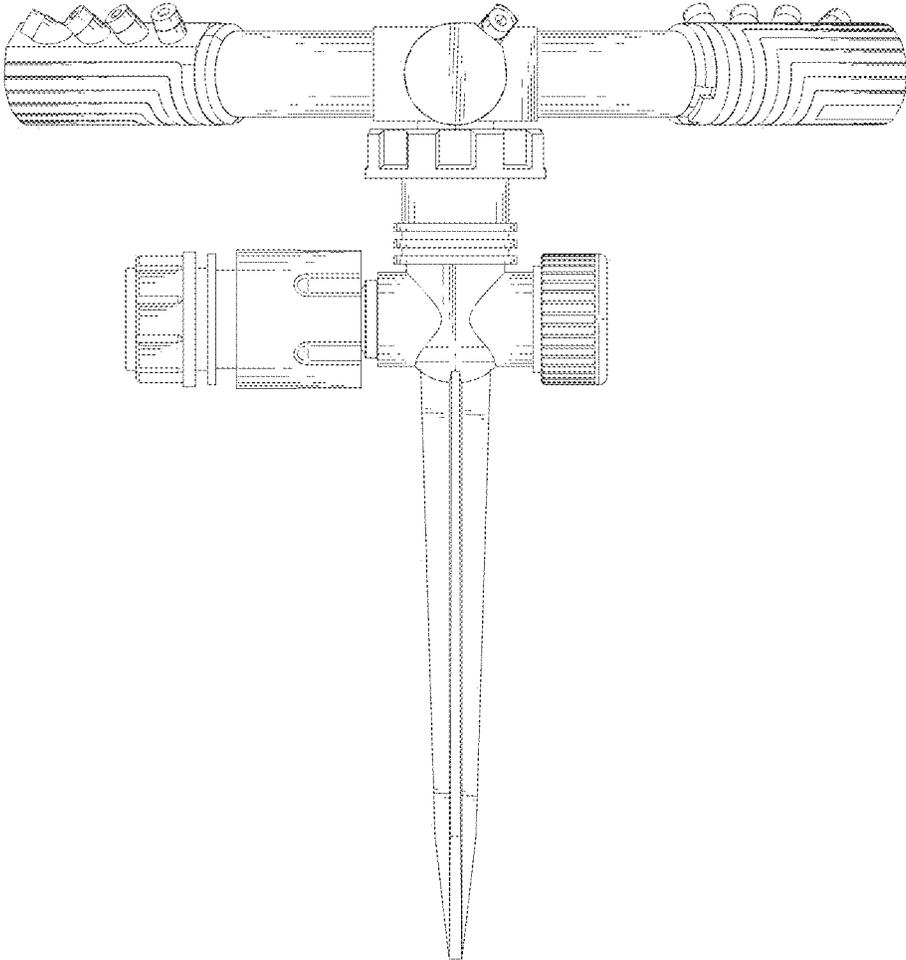


FIG. 6

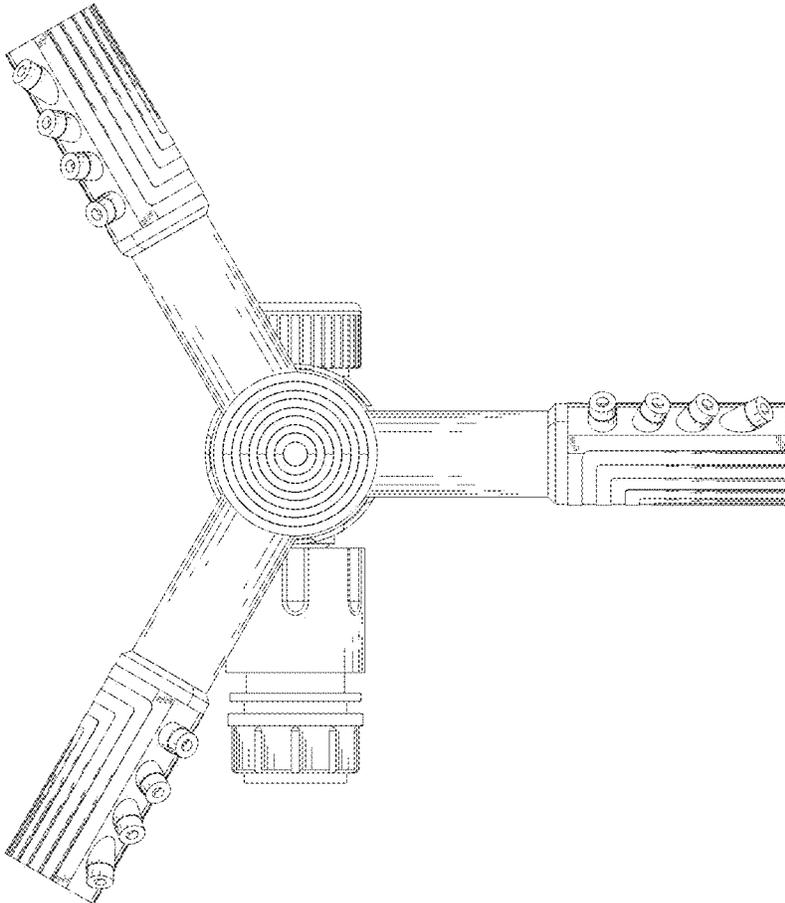


FIG. 7

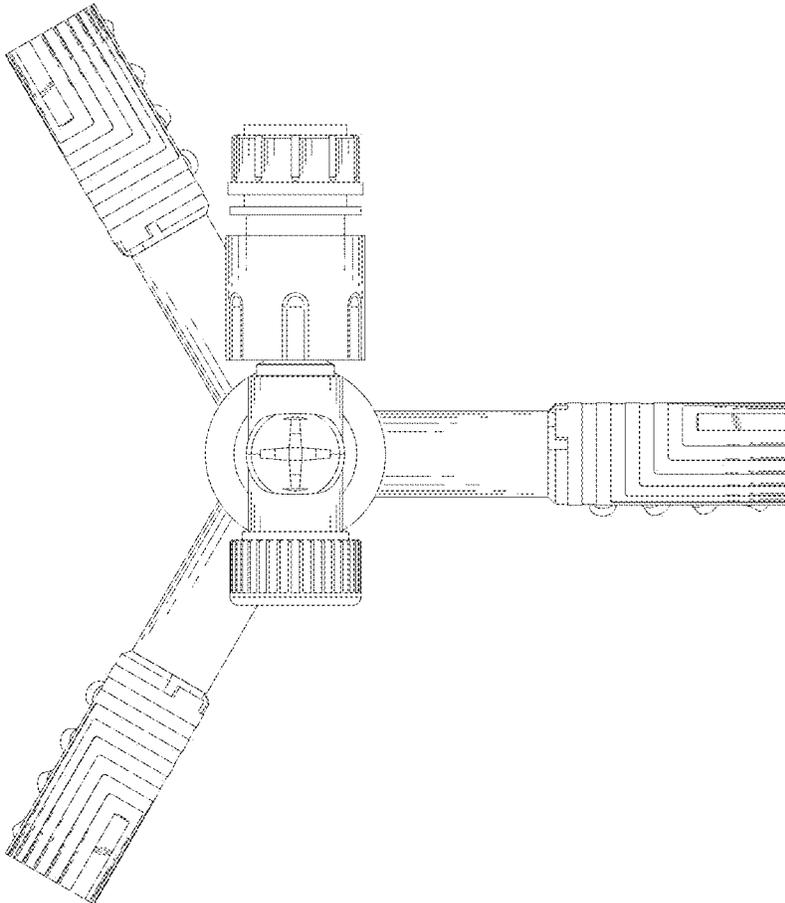


FIG. 8