US00D920469S

(12) United States Design Patent

Babaie

(10) Patent No.: US D920,469 S
(45) Date of Patent: ** May 25, 2021

(54) **WATER DISINFECTION UNIT**

(71) Applicant: **ACUVA TECHNOLOGIES INC.**, Vancouver (CA)

(72) Inventor: **Ashkan Babaie**, Vancouver (CA)

(73) Assignee: **ACUVA TECHNOLOGIES INC.**, Burnaby (CA)

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

(21) Appl. No.: **29/691,671**

(22) Filed: **May 17, 2019**

(30) **Foreign Application Priority Data**

Nov. 19, 2018 (CA) ..... CA 184699
Dec. 28, 2018 (CA) ..... CA 185478

(51) **LOC (13) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/207**

(58) **Field of Classification Search**
USPC D23/207, 208, 209, 249, 260
CPC B01D 35/30; B01D 19/0031; C02F 1/003; C02F 1/283; A61L 2/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D265,227	S *	6/1982	Jolley	D23/207
4,406,301	A *	9/1983	Cerrato	B67D 1/0832 137/212
D309,492	S	7/1990	Boehnke	
D311,947	S	11/1990	Kopp	
D326,503	S *	5/1992	Ipsen	D23/233
6,105,787	A	8/2000	Malkin	
D546,920	S	7/2007	Fulkerson	
D617,421	S	6/2010	Fulkerson	
D651,773	S	1/2012	Antal	
D675,705	S	2/2013	Mallol	
D705,391	S	5/2014	Okazaki	
D726,873	S	4/2015	Fulkerson	
D755,345	S	5/2016	Luthi	
D759,213	S	6/2016	Hofer	
D767,712	S	9/2016	Huda	

(Continued)

FOREIGN PATENT DOCUMENTS

EM	005296258-0004		6/2018
JP	D1618344	*	3/2018

(Continued)

OTHER PUBLICATIONS

Single UV-C LED, announced Dote unavailable[online], [site visited Sep. 24, 2020], Available from internet, URL:<https://acuvatech.com/acuvaproducts/strike-i/> (Year: 2020).*

(Continued)

Primary Examiner — Barbara Fox
Assistant Examiner — Jamaal Rasheed
(74) *Attorney, Agent, or Firm* — Kilpatrick Townsend and Stockton LLP

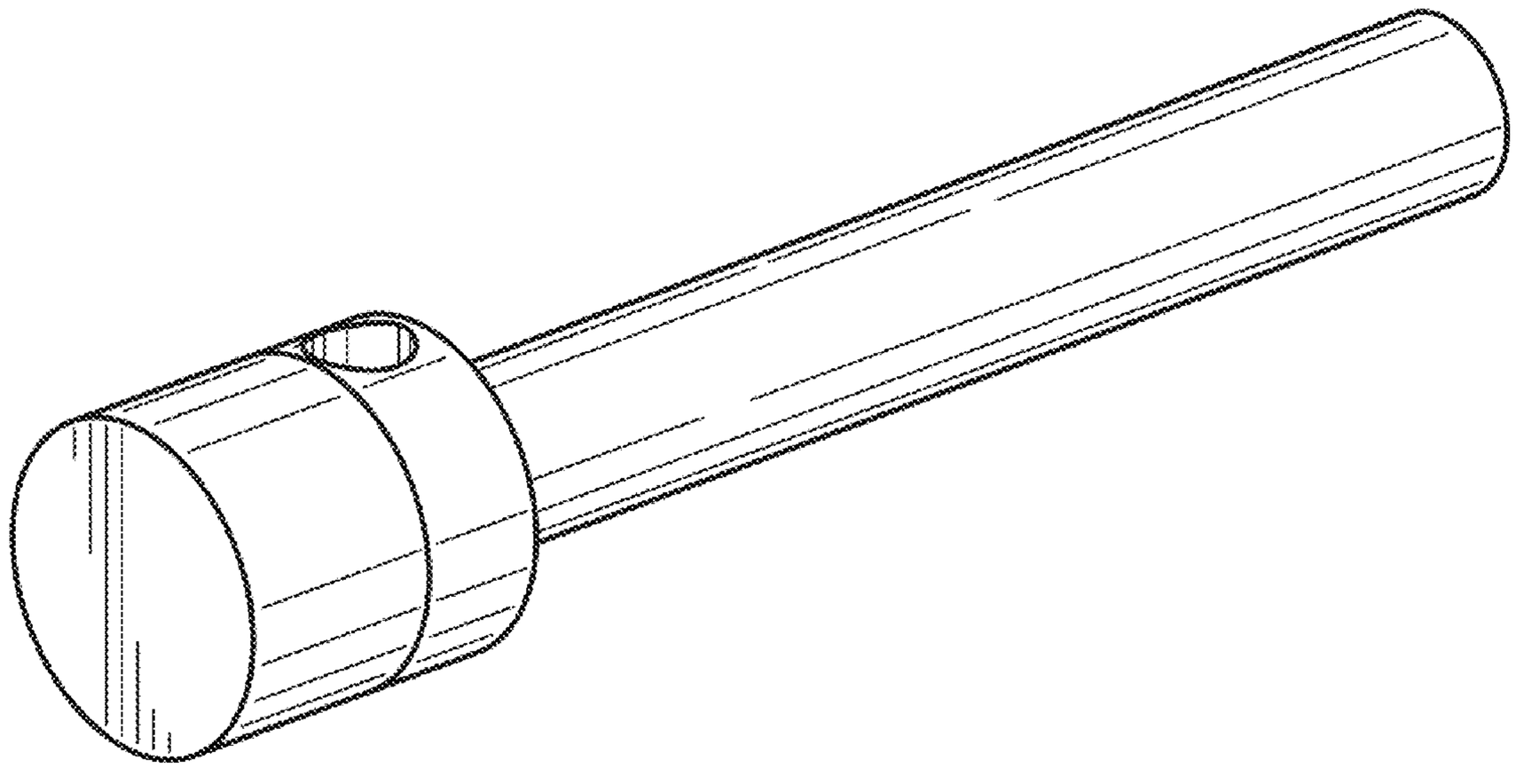
(57) **CLAIM**

The ornamental design for a water disinfection unit, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a water disinfection unit showing the new design;
FIG. **2** is a top view thereof;
FIG. **3** is a bottom view thereof;
FIG. **4** is a front view thereof;
FIG. **5** is a rear view thereof;
FIG. **6** is a left end view thereof;
FIG. **7** is a right end view thereof; and,
FIG. **8** is a top perspective view thereof.

1 Claim, 3 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D770,018	S	*	10/2016	Musolf	D23/233
D779,637	S	*	2/2017	Gross	D23/249
D788,268	S	*	5/2017	Gamache	D23/233
D800,247	S		10/2017	Barrett	
D820,383	S		6/2018	Okazaki	
D822,793	S	*	7/2018	Torii	D23/207
D830,500	S		10/2018	Yoon	
D840,502	S		2/2019	MacDonald	
D859,583	S	*	9/2019	Babaie	D23/207
D860,386	S	*	9/2019	Babaie	D23/207
D864,352	S	*	10/2019	Jones	D23/233
2009/0188481	A1	*	7/2009	Zhu	F02B 23/0621 123/661

FOREIGN PATENT DOCUMENTS

JP	D1618345	*	3/2018
WO	D085290-001	*	12/2014

OTHER PUBLICATIONS

Office Action and Search Report received in Taiwan Design Application No. 108302831, dated Dec. 18, 2020.

* cited by examiner

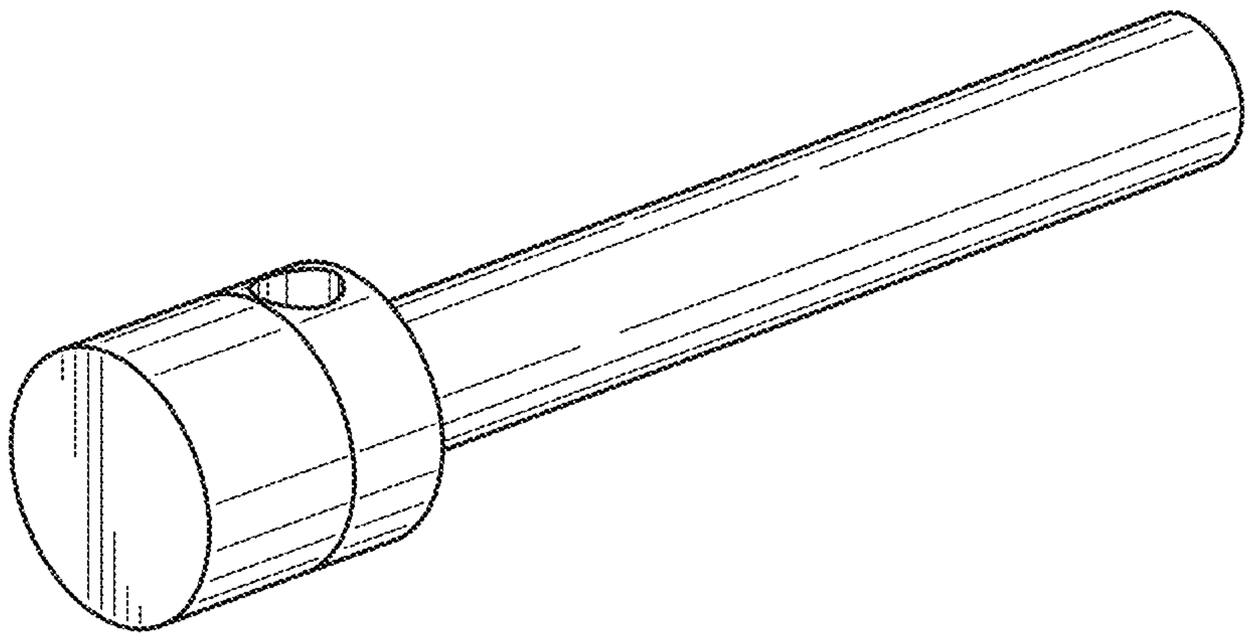


FIG. 1

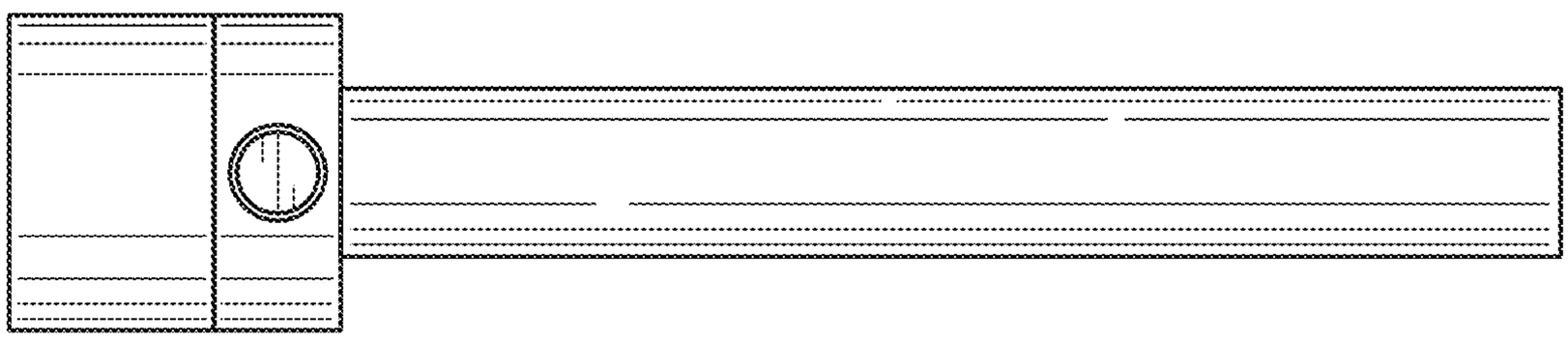


FIG. 2

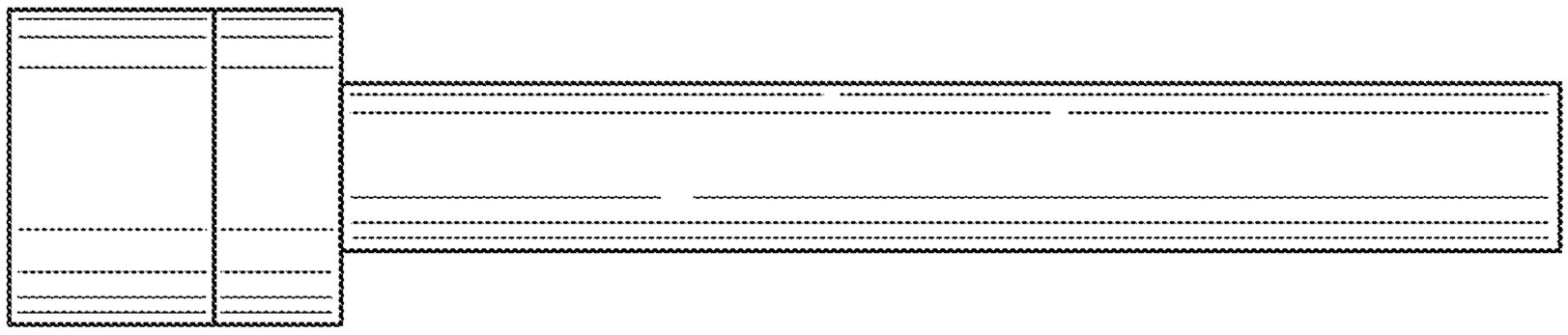


FIG. 3

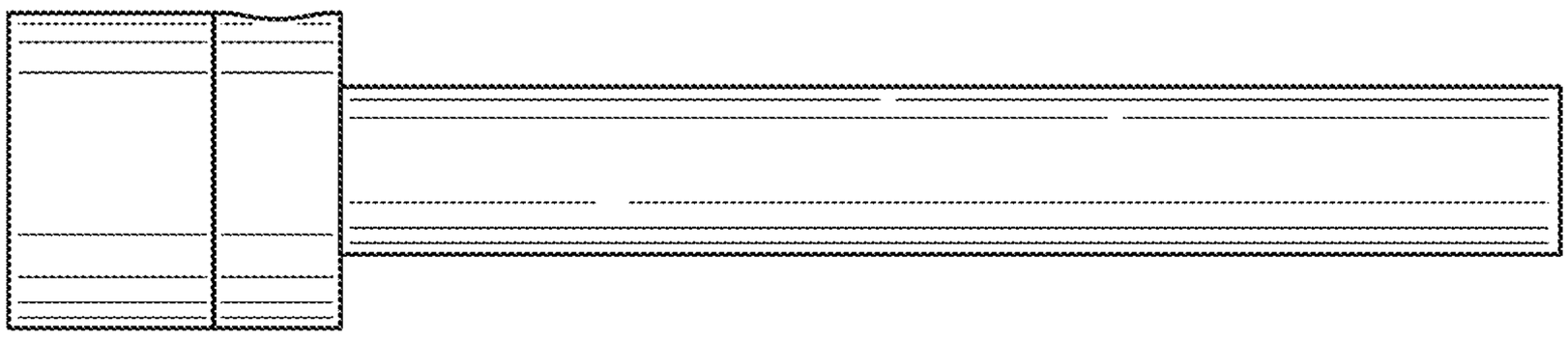


FIG. 4

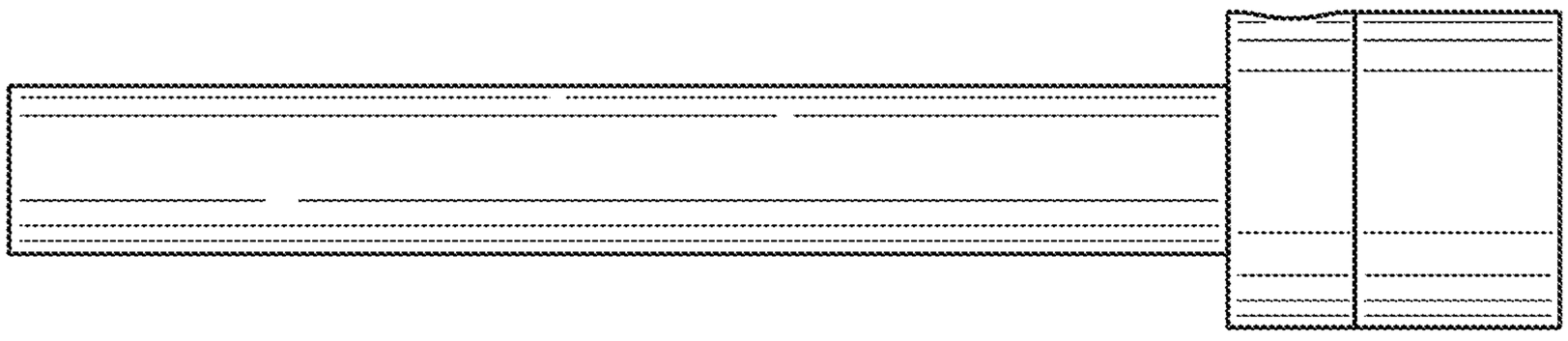


FIG. 5

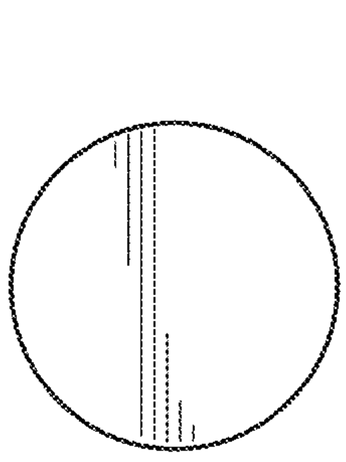


FIG. 6

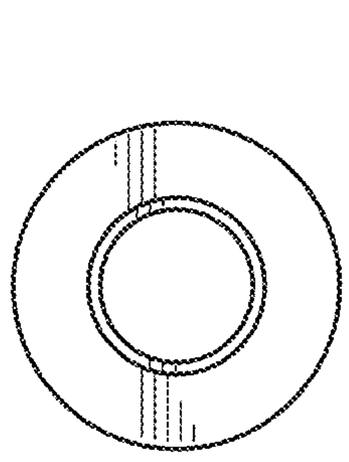


FIG. 7

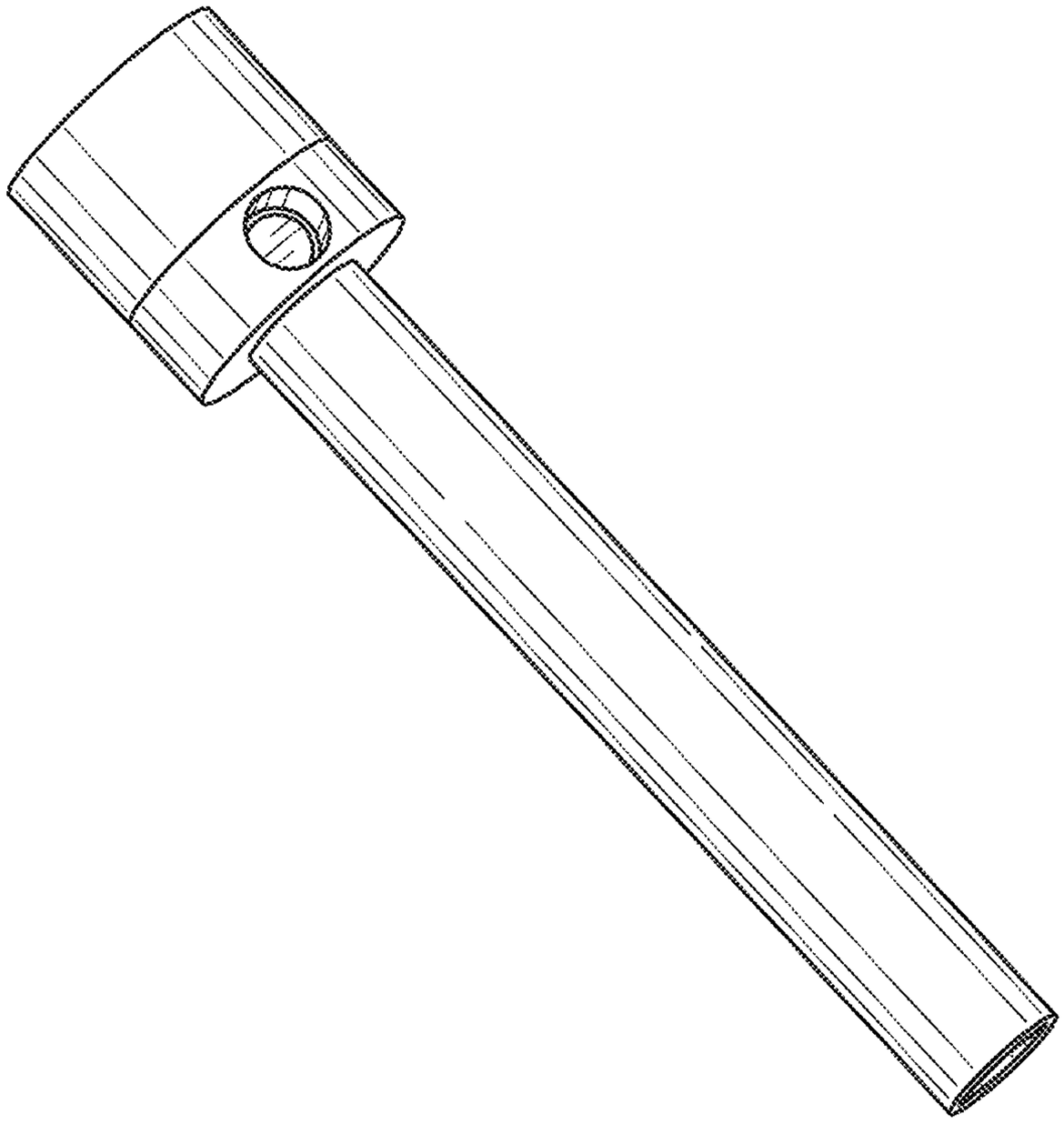


FIG. 8