US00D692382S

(12) United States Design Patent

Liu

(10) Patent No.: US D692,382 S
(45) Date of Patent: ** Oct. 29, 2013

(54) **PUSH-AND-TURN CONNECTOR ELECTRICAL WIRING DEVICE**

(76) Inventor: **Syingshun Liu**, Racine, WI (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/422,048**

(22) Filed: **May 16, 2012**

(51) **LOC (9) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/133**

(58) **Field of Classification Search**
USPC D13/133, 137–139, 149, 151, 153, 154, D13/156, 199; 439/79, 248, 258, 274, 35, 439/352, 353, 358, 359, 362, 378, 445, 447, 439/578, 584, 585, 656, 66, 676, 677, 678, 439/679, 68, 681, 682, 686
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D462,056	S *	8/2002	Chung	D13/137.1
7,553,179	B2 *	6/2009	Finona	439/352
D602,434	S *	10/2009	Mancari et al.	D13/139.1
7,661,979	B2 *	2/2010	Hughes et al.	439/445
D621,356	S *	8/2010	Tsai	D13/133
7,883,356	B2 *	2/2011	Hughes et al.	439/445
D660,236	S *	5/2012	Liang-Hsu et al.	D13/139.1
D678,197	S *	3/2013	Kagelmacher et al.	D13/133
D678,200	S *	3/2013	Corona	D13/133
D678,203	S *	3/2013	Corona	D13/133
D678,204	S *	3/2013	Corona	D13/133
2008/0318463	A1 *	12/2008	Chen et al.	439/359

OTHER PUBLICATIONS

Excerpt from www.tootoo.com, "Marine Shore Power Pigtail(17205)" Date: 2008, Pages: 2.

Excerpt from www.amazon.com, "Marinco Marine Electrical Shore Power Pigtail Adapter, Yellow," Date: Unknown, Pages: 3.

Excerpt from www.customavrack.com, "NEMA Heavy-Duty Industrial Grade Power Cord Plug Adapters," Date: Unknown, Pages: 3.

Excerpt from www.customavrack.com, "NEMA Heavy-Duty Industrial Grade Power Cord Plug Adapters," Date: Unknown, Pages: 2.

* cited by examiner

Primary Examiner — Thomas Johannes

(74) *Attorney, Agent, or Firm* — Jansson Munger McKinley & Shape Ltd.

(57) **CLAIM**

The ornamental design for a push-and-turn connector electrical wiring device, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a push-and-turn connector electrical wiring device showing my new design in a typical usage condition with an unclaimed corresponding receptacle;

FIG. **2** is a perspective view thereof;

FIG. **3** is a side view thereof shown without the usage condition;

FIG. **4** is a top view thereof;

FIG. **5** is a back view thereof;

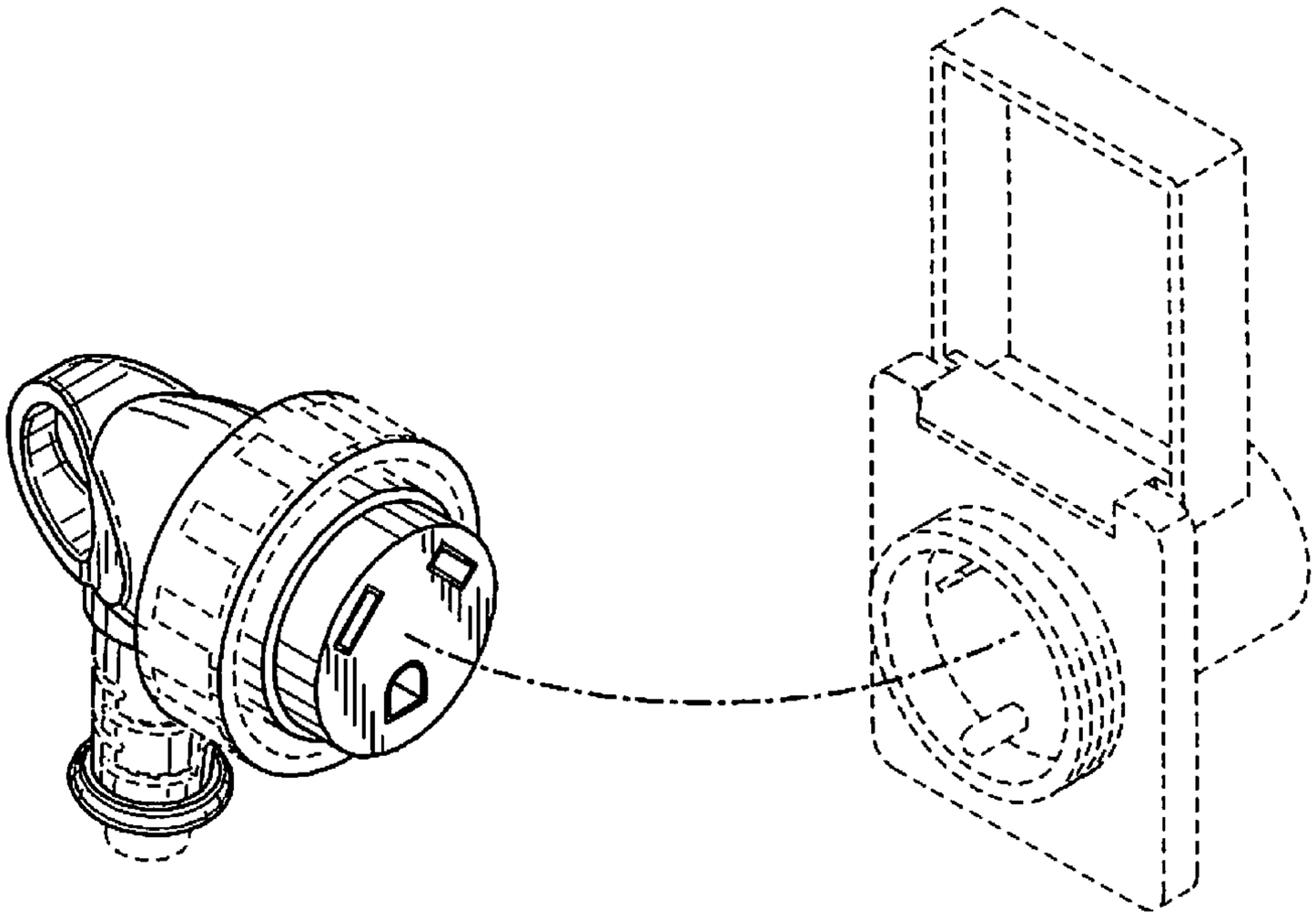
FIG. **6** is a front view thereof; and,

FIG. **7** is a bottom view thereof.

The dashed lines show unclaimed subject matter only and form no part of the claimed design.

The dot-dash broken line in FIG. **2** shows the assembly sequence of the claimed design with the unclaimed usage environment and, itself, forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



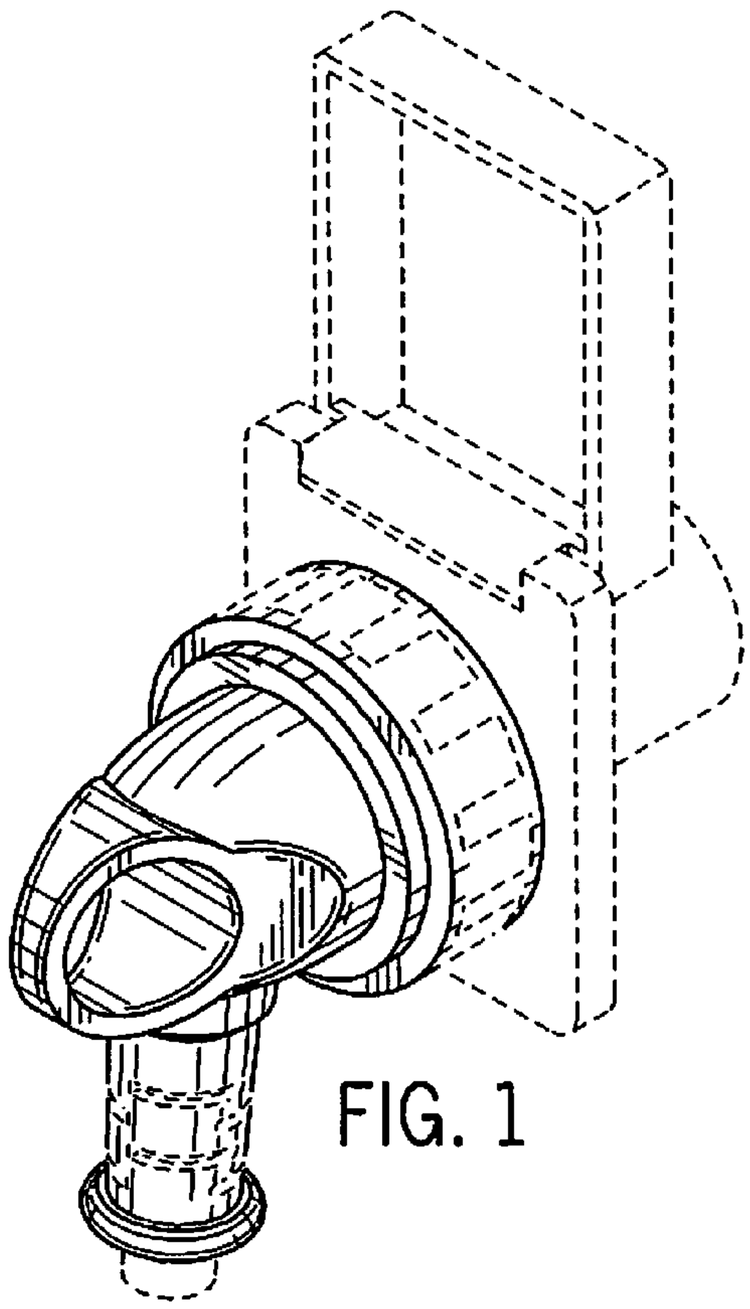


FIG. 1

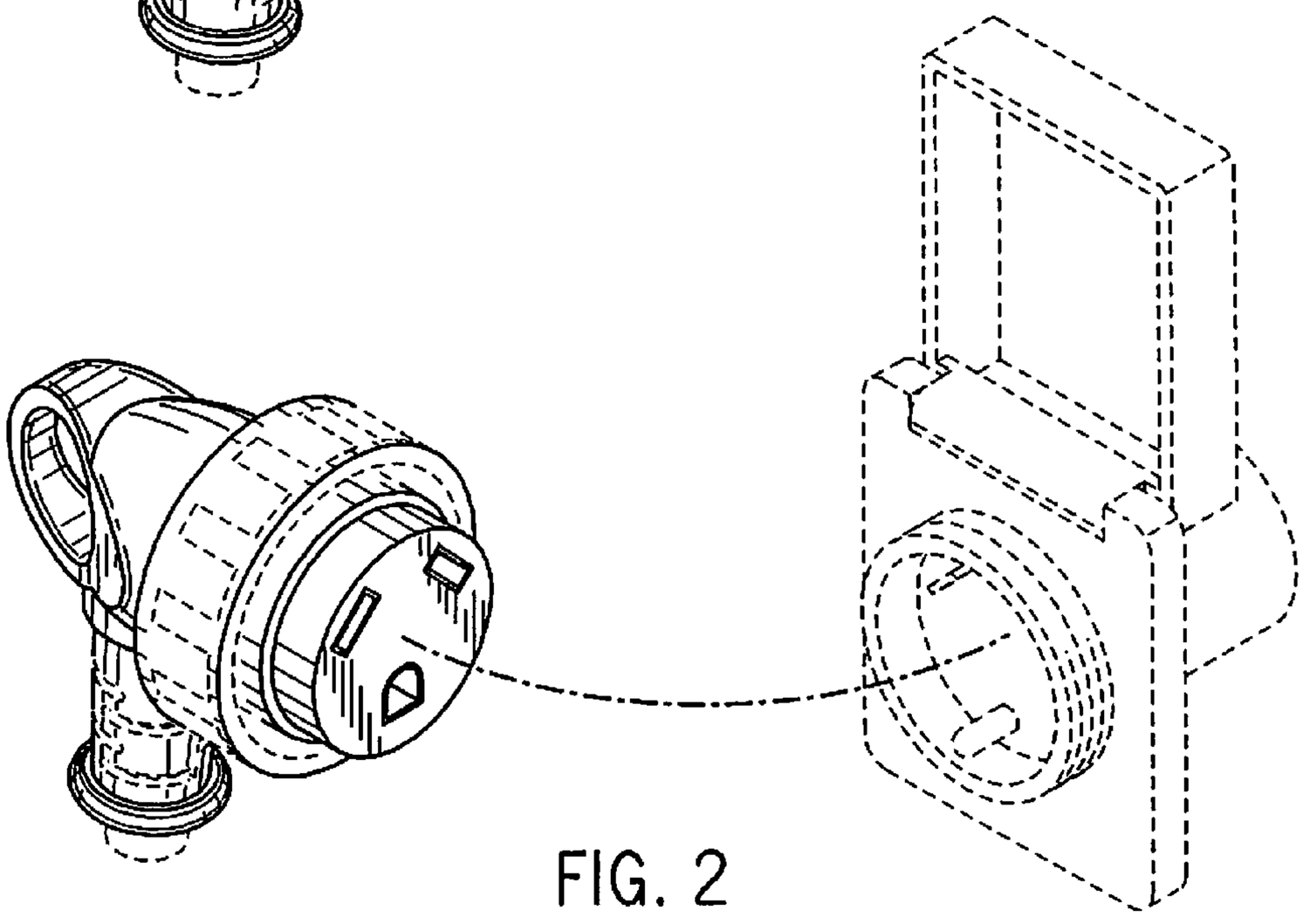
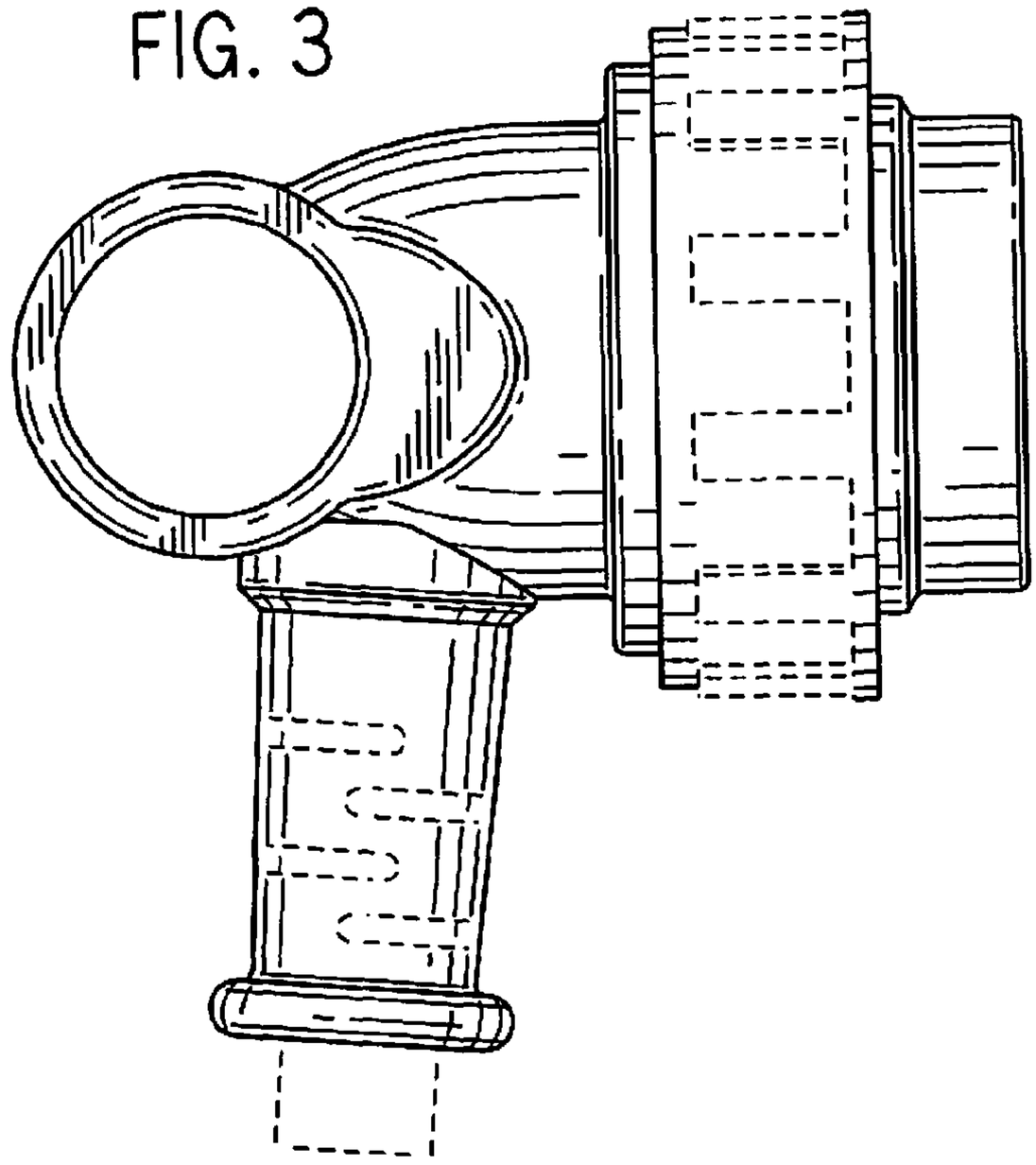


FIG. 2

FIG. 3



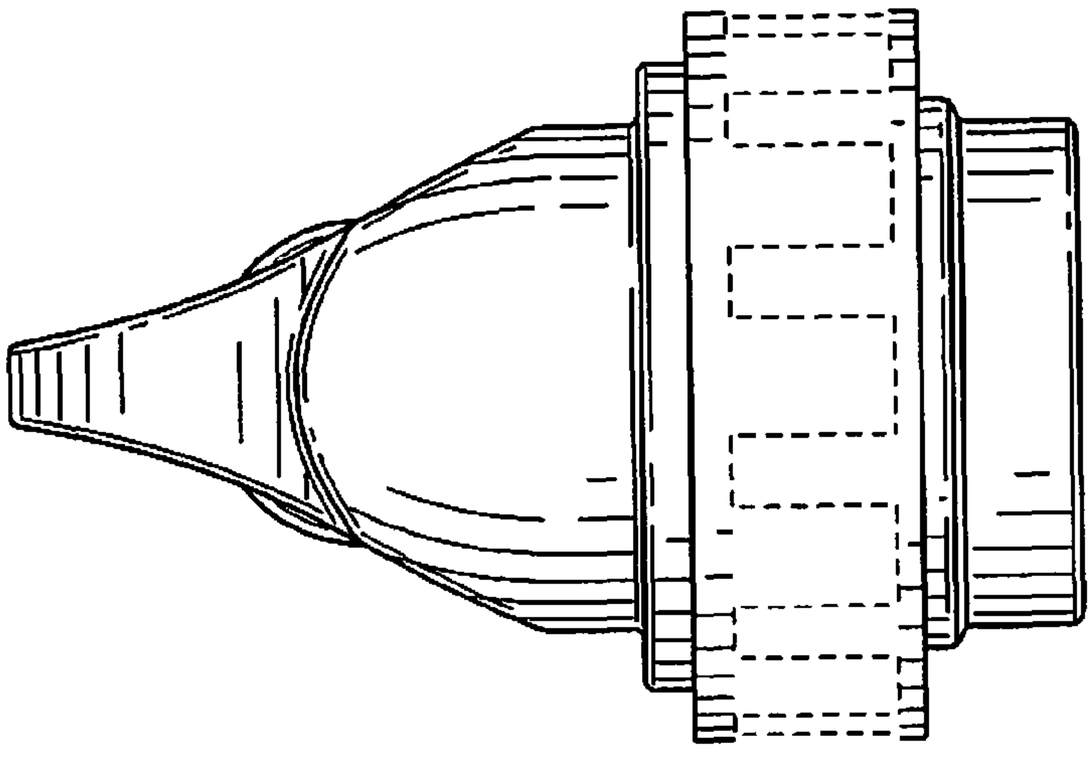


FIG. 4

FIG. 5

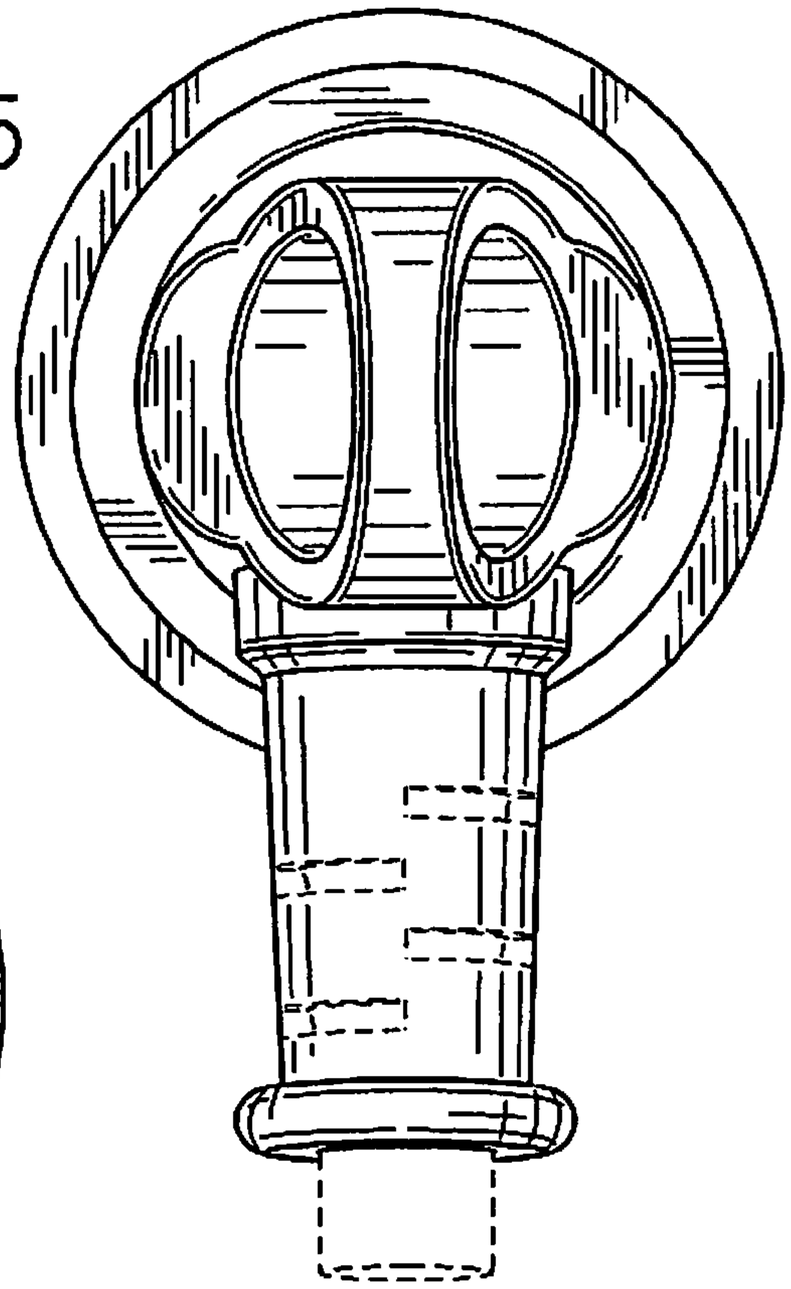
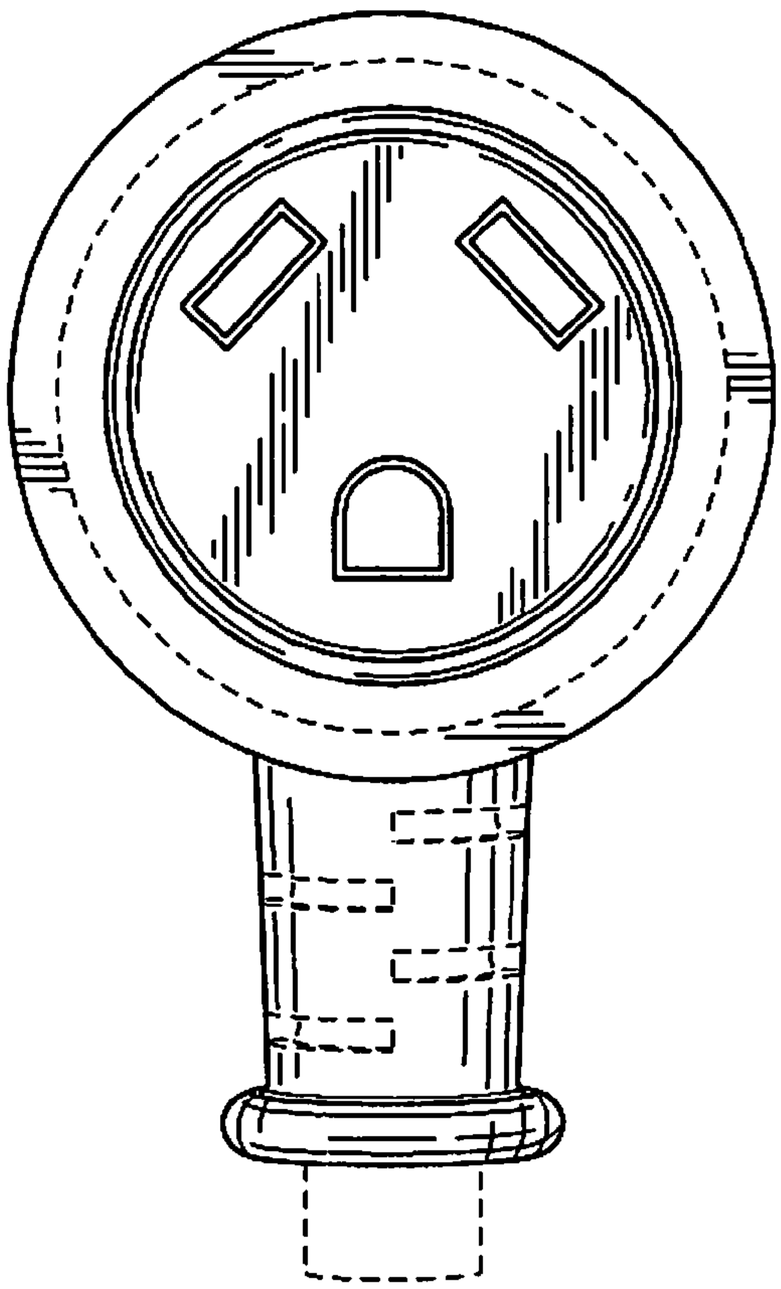


FIG. 6



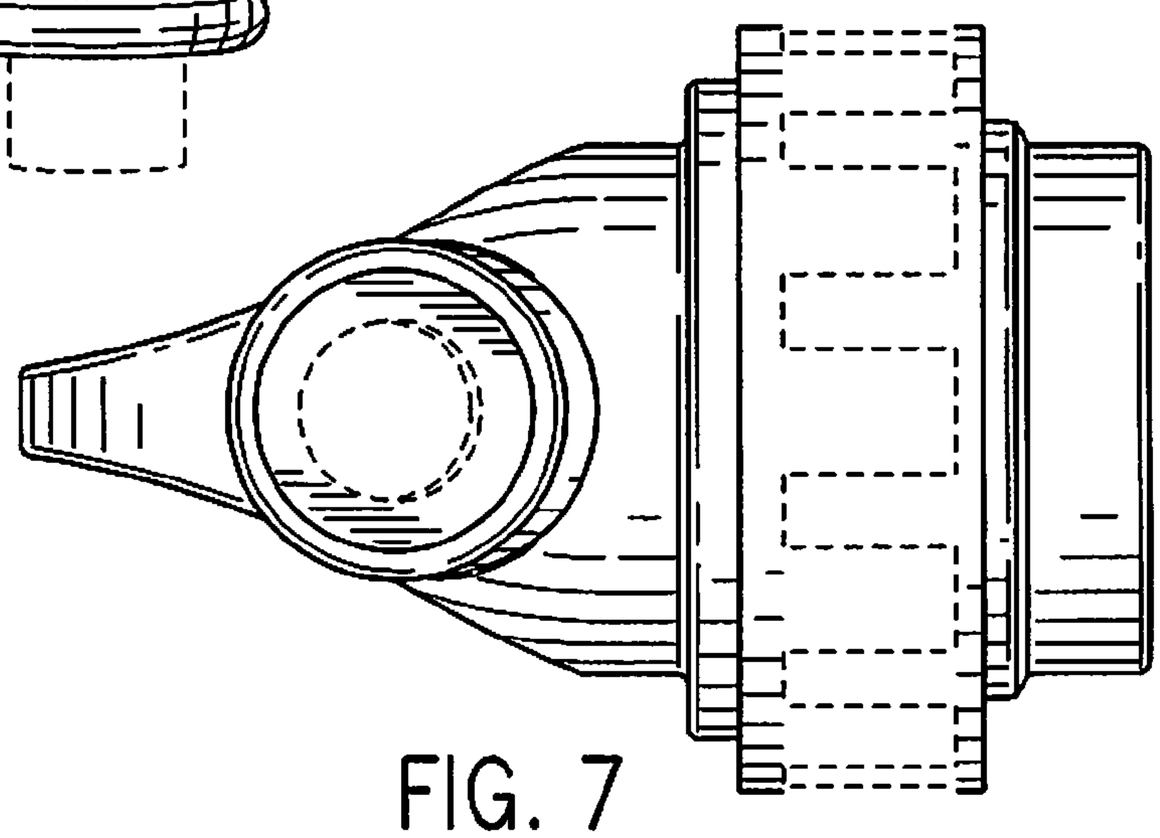


FIG. 7