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(12) **United States Design Patent**
Kobayashi et al.

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- (54) **FLUID PRESSURE ACTUATOR**
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4,442,757	A *	4/1984	Goans	92/82
5,036,664	A *	8/1991	Camm	60/534
D346,364	S *	4/1994	Inoi et al.	D13/174
D348,433	S *	7/1994	Tochihara et al.	D13/158
D614,144	S *	4/2010	Arosio	D13/166
D624,101	S *	9/2010	Tseng	D15/143
D652,389	S *	1/2012	Thompson et al.	D13/158
8,508,168	B2 *	8/2013	Duits	318/468
8,555,737	B2 *	10/2013	Kohmura	74/89.3
D693,929	S *	11/2013	Fagan et al.	D24/171
2006/0229617	A1 *	10/2006	Meller et al.	606/62

* cited by examiner

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

Primary Examiner — Patricia Palasik

(21) Appl. No.: **29/478,357**

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(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for a fluid pressure actuator, as shown and described.

Jul. 5, 2013 (JP) 2013-015450

DESCRIPTION

(51) **LOC (10) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/143**; D15/199

(58) **Field of Classification Search**
USPC D13/118, 158, 162, 184; D15/1-5, 7, 9,
D15/143, 148, 149, 199; 74/54, 89.15,
74/90.15, 411.5, 411, 490.09; 297/14,
297/325, 327; 310/10, 12, 15, 20, 20.8, 80,
310/300

FIG. 1 is a front view of the fluid pressure actuator.
FIG. 2 is a rear view of the fluid pressure actuator.
FIG. 3 is a left side view of the fluid pressure actuator.
FIG. 4 is a right side view of the fluid pressure actuator.
FIG. 5 is a plan view of the fluid pressure actuator; and,
FIG. 6 is a bottom view of the fluid pressure actuator.

See application file for complete search history.

The one end of the fluid pressure actuator is attached to the first member. The other end of the fluid pressure actuator is attached to the second member. The fluid pressure actuator is used as an actuator which elongates and contracts according to the fluid pressure of the working fluid supplied and discharged through ports located at both ends. Further, the fluid pressure actuator includes a holding portion near the center to hold piping etc. connected to the port.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,181,754	A *	11/1939	White	60/573
2,705,939	A *	4/1955	Geyer	92/17
2,815,005	A *	12/1957	Geyer	92/17
3,251,278	A *	5/1966	Royster	92/18
3,662,653	A *	5/1972	Carlson et al.	92/15

The part which is illustrated by a solid line is the part intended to obtain the registration of a design as a partial design.

1 Claim, 3 Drawing Sheets

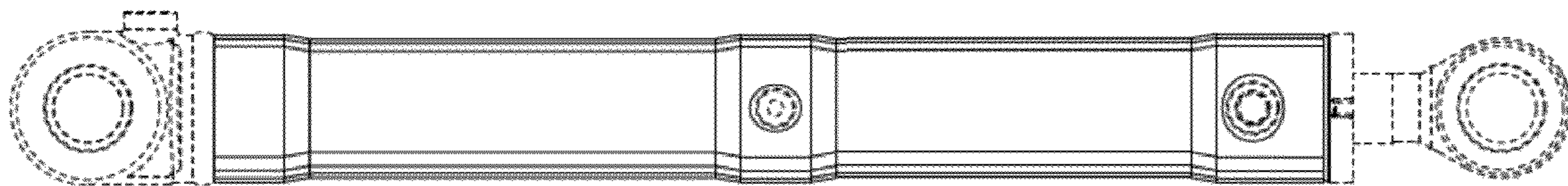


Fig. 1

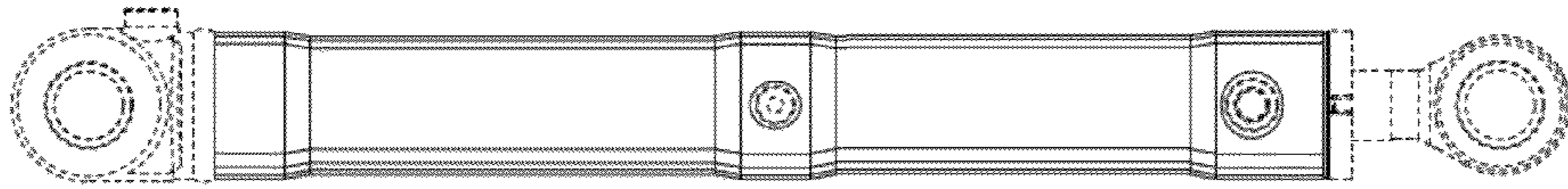


Fig. 2

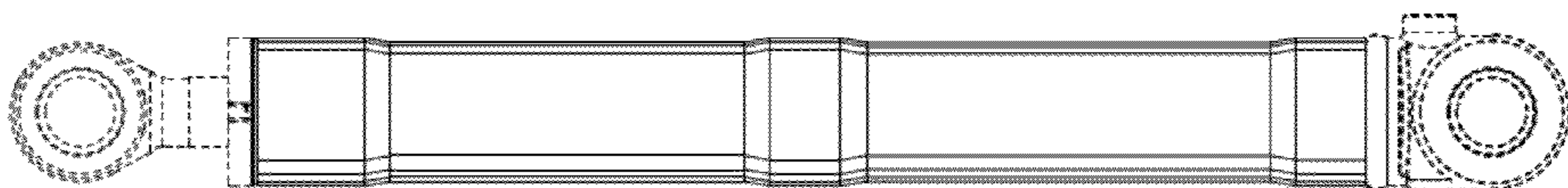


Fig. 3

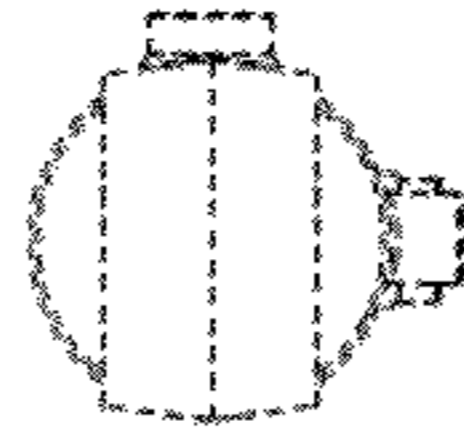


Fig. 4

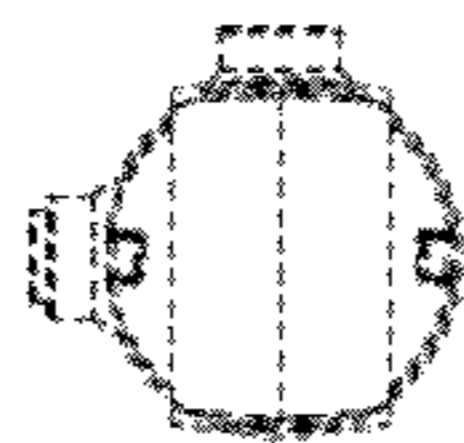


Fig. 5

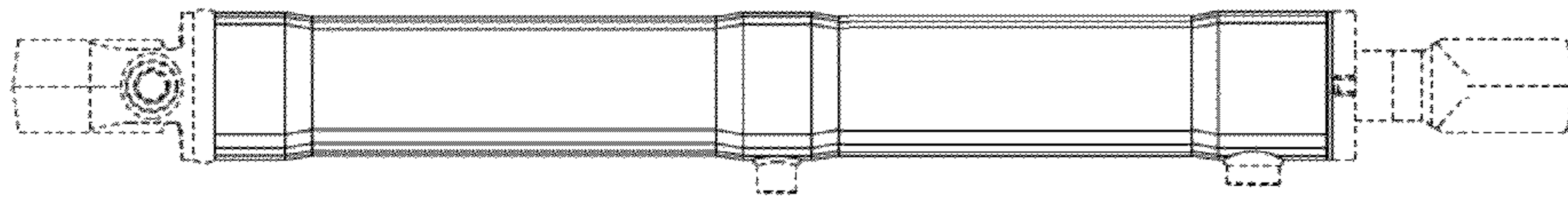


Fig. 6

