



US00D700625S

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

(10) **Patent No.:** **US D700,625 S**

(45) **Date of Patent:** **** Mar. 4, 2014**

(54) **PISTON PUMP**

(71) Applicant: **Ulvac Kiko, Inc.**, Miyazaki (JP)

(72) Inventors: **Kotaro Iwagoshi**, Miyazaki (JP); **Ryuji Itoyama**, Miyazaki (JP); **Norihiro Suzuki**, Miyazaki (JP); **Taisuke Osaka**, Miyazaki (JP)

(73) Assignee: **Ulvac Kiko, Inc.** (JP)

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

(21) Appl. No.: **29/455,710**

(22) Filed: **May 23, 2013**

(30) **Foreign Application Priority Data**

Nov. 28, 2012 (JP) 2012-029058

(51) **LOC (10) Cl.** **15-02**

(52) **U.S. Cl.**
USPC **D15/7**

(58) **Field of Classification Search**
USPC D15/7-9; D23/231, 232, 225; 417/60, 417/235, 265, 321, 355, 358, 363, 359, 417/410.1, 415-416, 405, 900, 279; 60/408, 412; 184/26-37; 415/140-147; 123/495, 509

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D382,883 S *	8/1997	Breitzman et al.	D15/9
D412,174 S *	7/1999	Faulkner et al.	D15/9
D499,119 S *	11/2004	Thomas et al.	D15/9
D613,633 S *	4/2010	Leu et al.	D15/9
D684,999 S *	6/2013	Osaka et al.	D15/7
D689,526 S *	9/2013	Tsai	D15/9

* cited by examiner

Primary Examiner — Ralf Seifert

(74) *Attorney, Agent, or Firm* — Saliwanchik, Lloyd & Eisenschenk

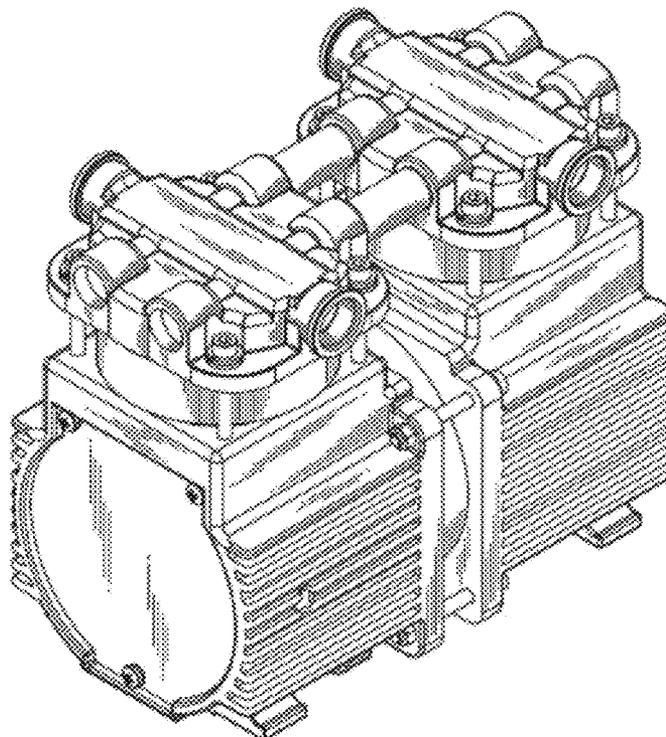
(57) **CLAIM**

The ornamental design for a piston pump, as shown and described.

DESCRIPTION

FIG. 1 is a front, left perspective view of a piston pump showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof, the left side view being a mirror image thereof;
FIG. 5 is a top plan view thereof; and,
FIG. 6 is a bottom plan view thereof.

1 Claim, 3 Drawing Sheets



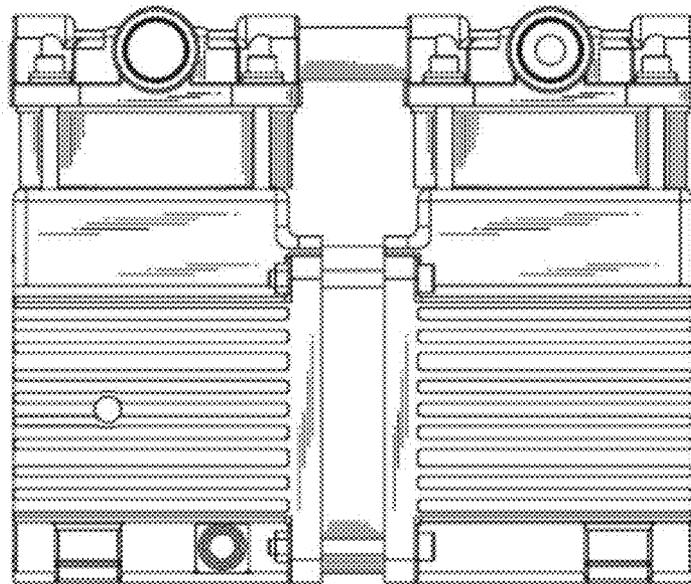
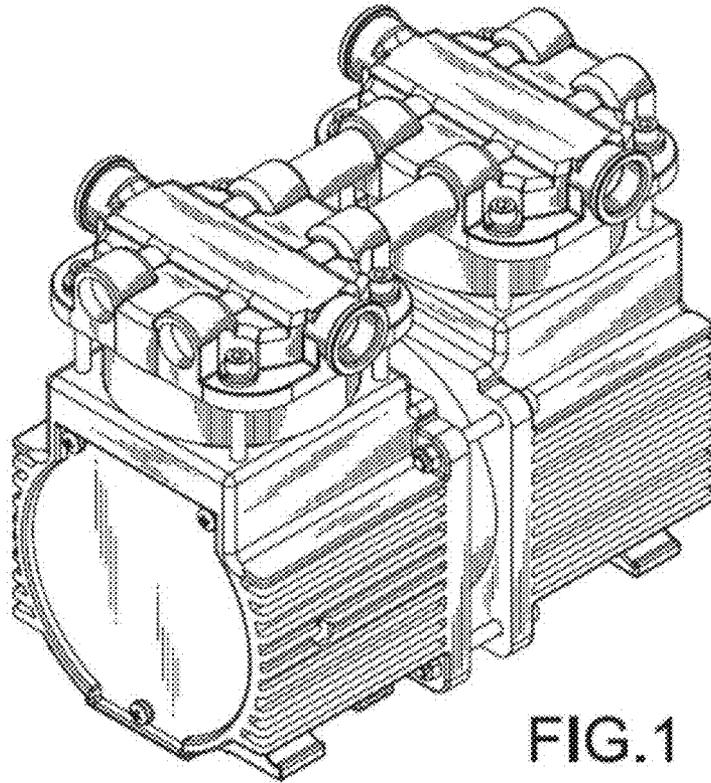


FIG. 2

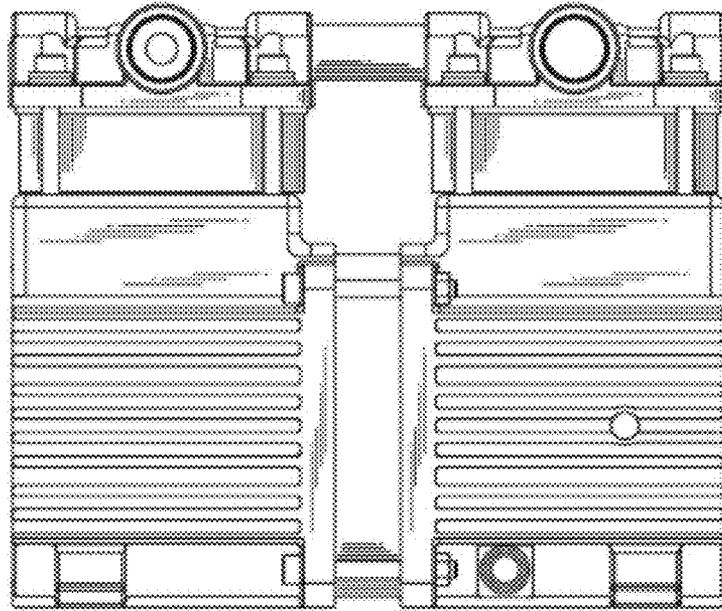


FIG.3

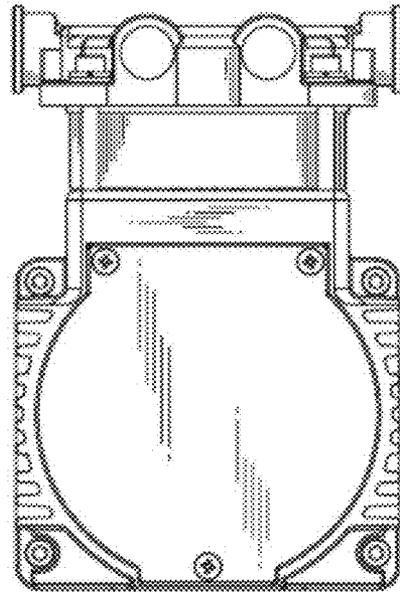


FIG.4

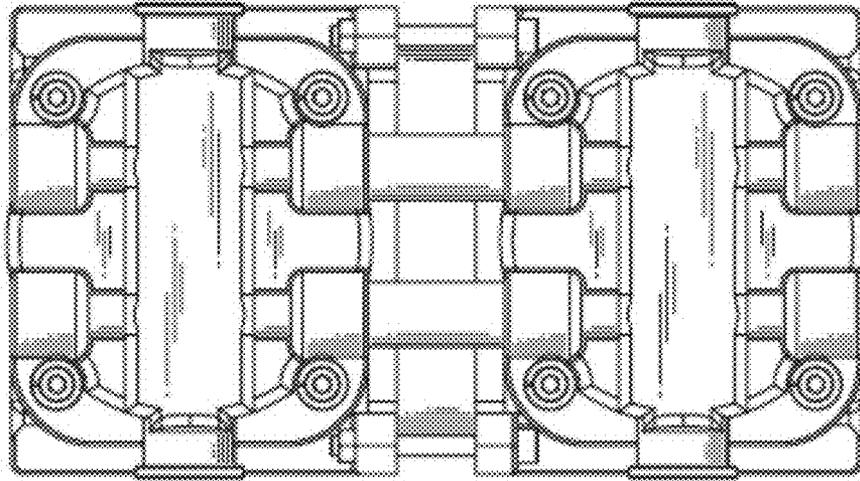


FIG. 5

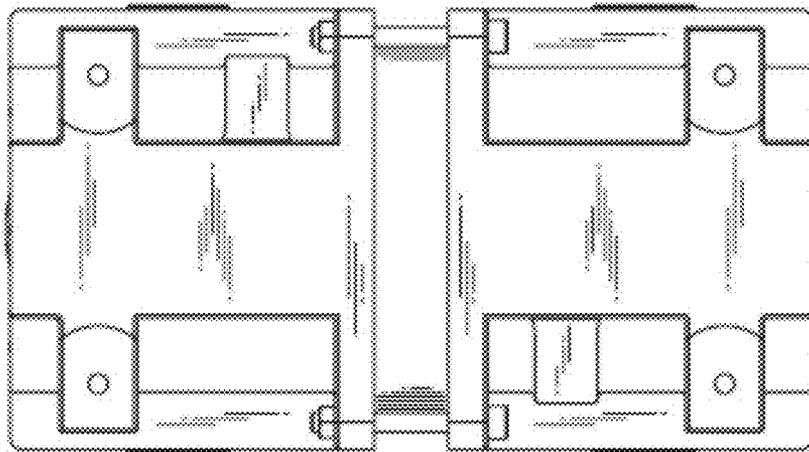


FIG. 6