

(12) United States Design Patent (10) Patent No.: US D638,036 S Hamada et al. (45) Date of Patent: ** May 17, 2011

(54) **PISTON FOR COMPRESSOR**

- (75) Inventors: Naohiro Hamada, Kyoto (JP); Makoto Katayama, Shiga (JP)
- (73) Assignee: Panasonic Corporation, Osaka (JP)
- (**) Term: 14 Years

Primary Examiner — Ralf Seifert
(74) Attorney, Agent, or Firm — Brinks Hofer Gilson & Lione

(57) CLAIMWe claim the ornamental design for a piston for compressor, as shown and described.

(21) Appl. No.: 29/383,193

DESCRIPTION

(22) Filed: Jan. 13, 2011

Related U.S. Application Data

(62) Division of application No. 29/364,946, filed on Jun.30, 2010, now Pat. No. Des. 633,529.

(30) Foreign Application Priority Data

Ma	ar. 15, 2010	(JP)	2010-6222
Ma	ar. 15, 2010	(JP)	2010-6223
Ma	ar. 15, 2010	(JP)	2010-6224
Ma	ar. 15, 2010	(JP)	2010-6225
(51)	LOC (9) Cl	• • • • • • • • • • • • • • • • • • • •	15-02
(52)	U.S. Cl.		D15/7
(58)	Field of Cla	assification Search	D15/7–9;
	D23/	231, 232, 225; 417/41	10.1, 359, 415–416,
		417	/234, 321, 265, 405

FIG. 1 is a top perspective view of a first embodiment of a piston for compressor of the present invention; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a front view thereof; FIG. **4** is a first side view thereof; FIG. 5 is a second side view thereof; FIG. 6 is a rear view thereof; FIG. 7 is a top view thereof; FIG. 8 is a bottom view thereof; FIG. 9 is a top perspective view of a second embodiment of a piston for compressor of the present invention; FIG. 10 is a bottom perspective view of FIG. 9; FIG. 11 is a front view of FIG. 9; FIG. 12 is a first side view of FIG. 9; FIG. 13 is a second side view of FIG. 9; FIG. 14 is a rear view of FIG. 9; FIG. 15 is a top view of FIG. 9; FIG. 16 is a bottom view of FIG. 9; FIG. 17 is a top perspective view of a third embodiment of a piston for compressor of the present invention; FIG. 18 is a bottom perspective view of FIG. 17; FIG. **19** is a front view of FIG. **17**; FIG. 20 is a first side view of FIG. 17; FIG. 21 is a second side view of FIG. 17; FIG. 22 is a rear view of FIG. 17; FIG. 23 is a top view of FIG. 17; and, FIG. 24 is a bottom view of FIG. 17. The broken lines in the drawings define the limits of the claimed design.

U.S. PATENT DOCUMENTS

References Cited

D399,212 S	S	*	10/1998	Roderweiss et al	D15/5
D515,590 S	S	*	2/2006	Freitas	D15/7
D556,783 S	S	*	12/2007	Chu	D15/9
D576,179 S	S	*	9/2008	Kondo et al.	D15/9
D609,247 S	S	*	2/2010	Naegele et al.	D15/5

FOREIGN PATENT DOCUMENTS

(56)

1 Claim, 6 Drawing Sheets



U.S. Patent May 17, 2011 Sheet 1 of 6 US D638,036 S

•







U.S. Patent May 17, 2011 Sheet 2 of 6 US D638,036 S











U.S. Patent May 17, 2011 Sheet 3 of 6 US D638,036 S









U.S. Patent US D638,036 S May 17, 2011 Sheet 4 of 6





.







•

U.S. Patent May 17, 2011 Sheet 5 of 6 US D638,036 S









U.S. Patent May 17, 2011 Sheet 6 of 6 US D638,036 S



MILL.		



.