



US00D897496S

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

(10) **Patent No.:** **US D897,496 S**

(45) **Date of Patent:** **** Sep. 29, 2020**

(54) **ELECTROMAGNETIC VALVE**

(71) Applicant: **SMC CORPORATION**, Chiyoda-ku
(JP)

(72) Inventors: **Shinichi Yoshimura**, Moriya (JP);
Masaru Yoshida, Ushiku (JP); **Kenichi**
Matsumura, Kashiwa (JP); **Yoichi**
Morodomi, Moriya (JP)

(73) Assignee: **SMC CORPORATION**, Chiyoda-ku
(JP)

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

(21) Appl. No.: **29/679,075**

(22) Filed: **Feb. 1, 2019**

(30) **Foreign Application Priority Data**

Aug. 3, 2018 (JP) 2018-017047

(51) **LOC (12) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/233**

(58) **Field of Classification Search**

USPC D23/233, 235; 137/625.64, 554, 487.5,
137/599; 251/129.15, 129.01, 129.09
CPC .. F16K 31/0675; F16K 27/029; F16K 27/048;
F16K 31/082; F16K 11/24; F02M
63/0017; F02M 51/061; F02M 59/366
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D720,046 S * 12/2014 Morodomi D23/233
D736,894 S * 8/2015 Morodomi D23/233

D846,697 S * 4/2019 Yoshimura D23/233
D857,163 S * 8/2019 Yoshimura D23/233
D866,464 S * 11/2019 Nakayama D13/112

FOREIGN PATENT DOCUMENTS

CN 303441076 S 11/2015

OTHER PUBLICATIONS

Office Action dated Jan. 28, 2019 in Japanese Design Application
No. 2018-017047, citing document AO therein, 6 pages (with
English translation).

* cited by examiner

Primary Examiner — Gino Colan

(74) *Attorney, Agent, or Firm* — Oblon, McClelland,
Maier & Neustadt, L.L.P.

(57) **CLAIM**

The ornamental design for an electromagnetic valve, as
shown and described.

DESCRIPTION

FIG. 1 is a front, top, and left side perspective view of an
electromagnetic valve;

FIG. 2 is a rear, bottom, and right side perspective view
thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a top plan view thereof;

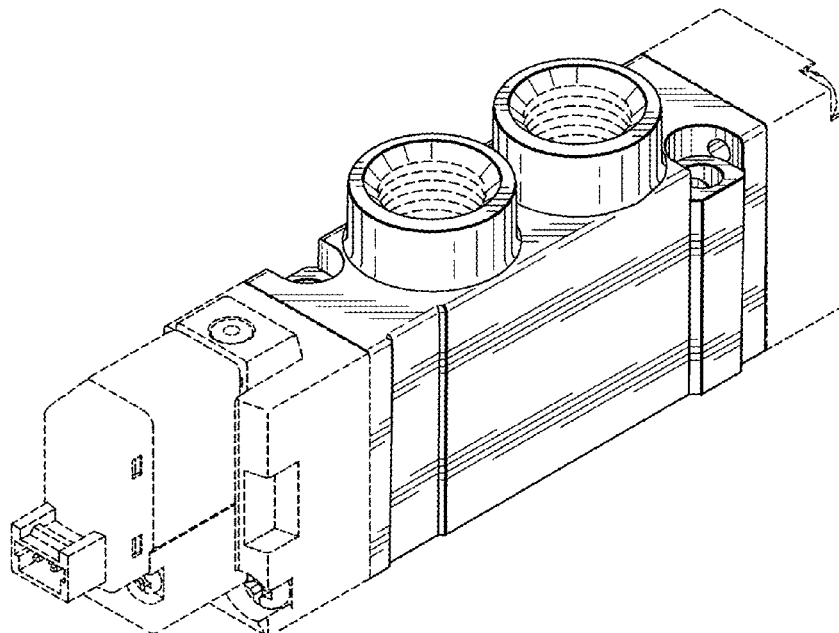
FIG. 6 is a bottom plan view thereof;

FIG. 7 is a left side elevational view thereof; and,

FIG. 8 is a right side elevational view thereof.

The broken lines shown in the figures are for the purpose of
illustrating portions of the electromagnetic valve that form
no part of the claimed design.

1 Claim, 8 Drawing Sheets



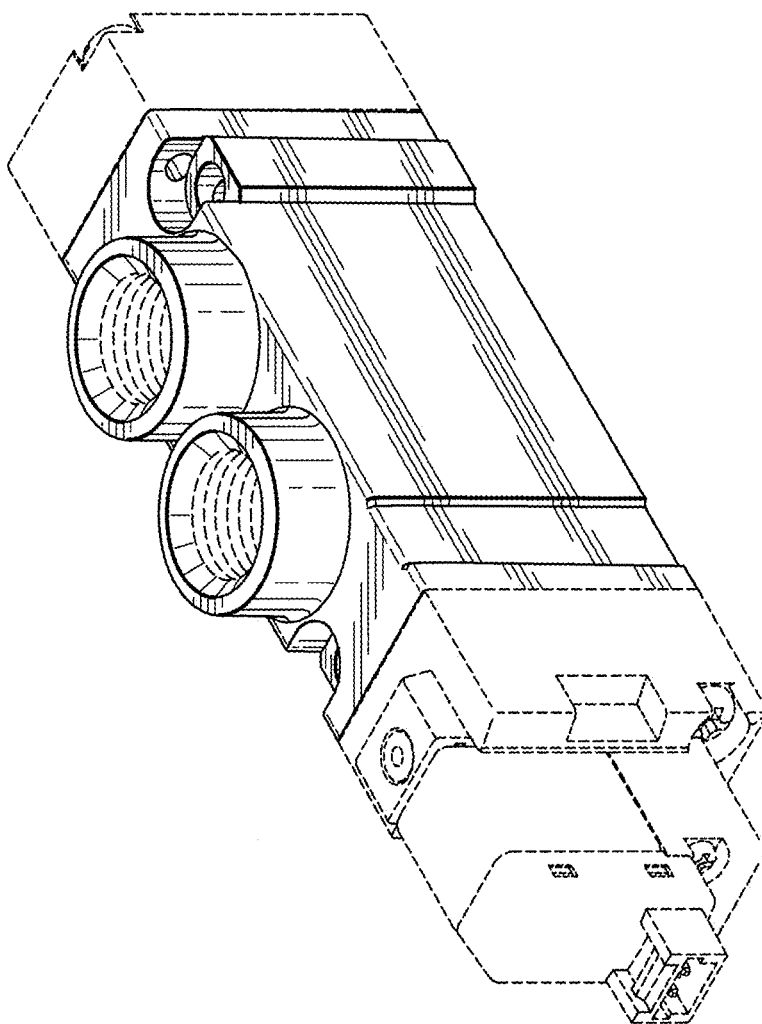


FIG. 1

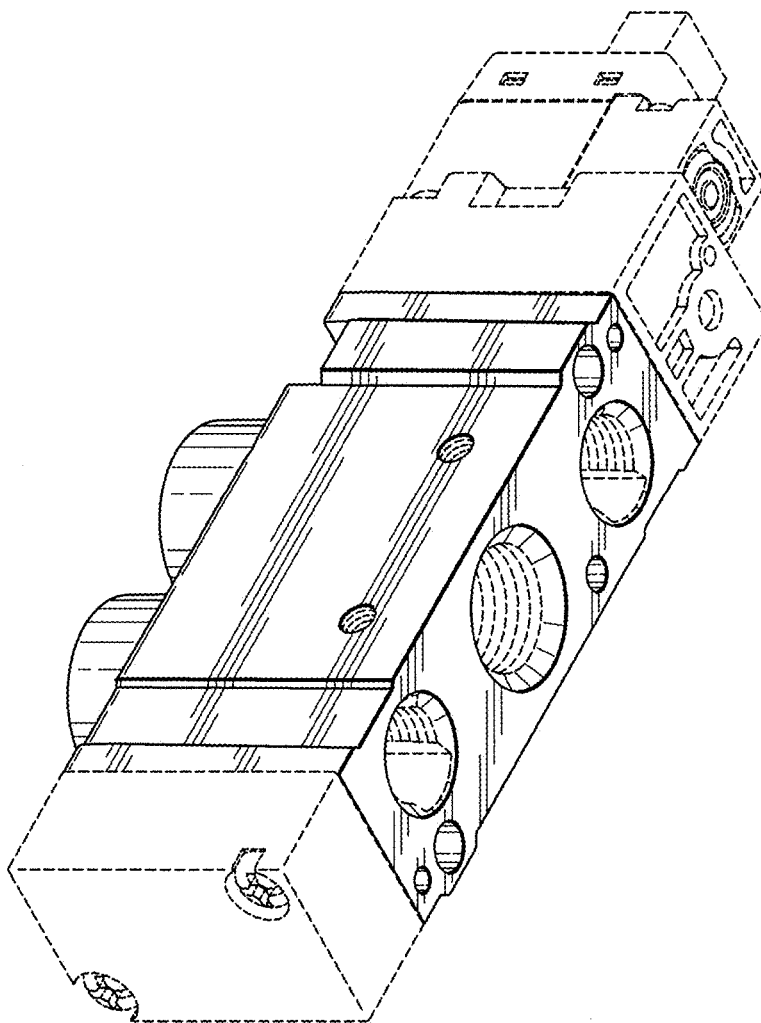
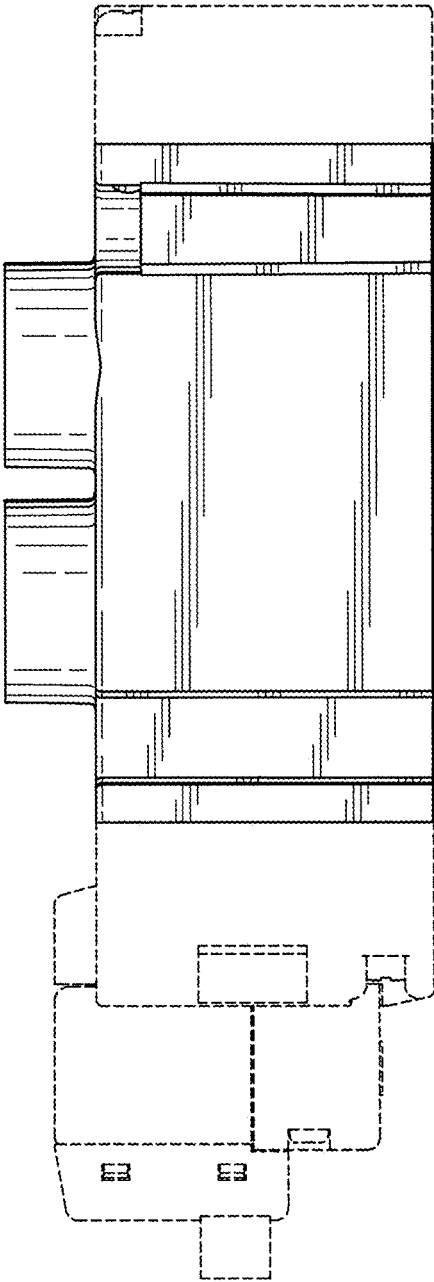


FIG. 2

FIG. 3



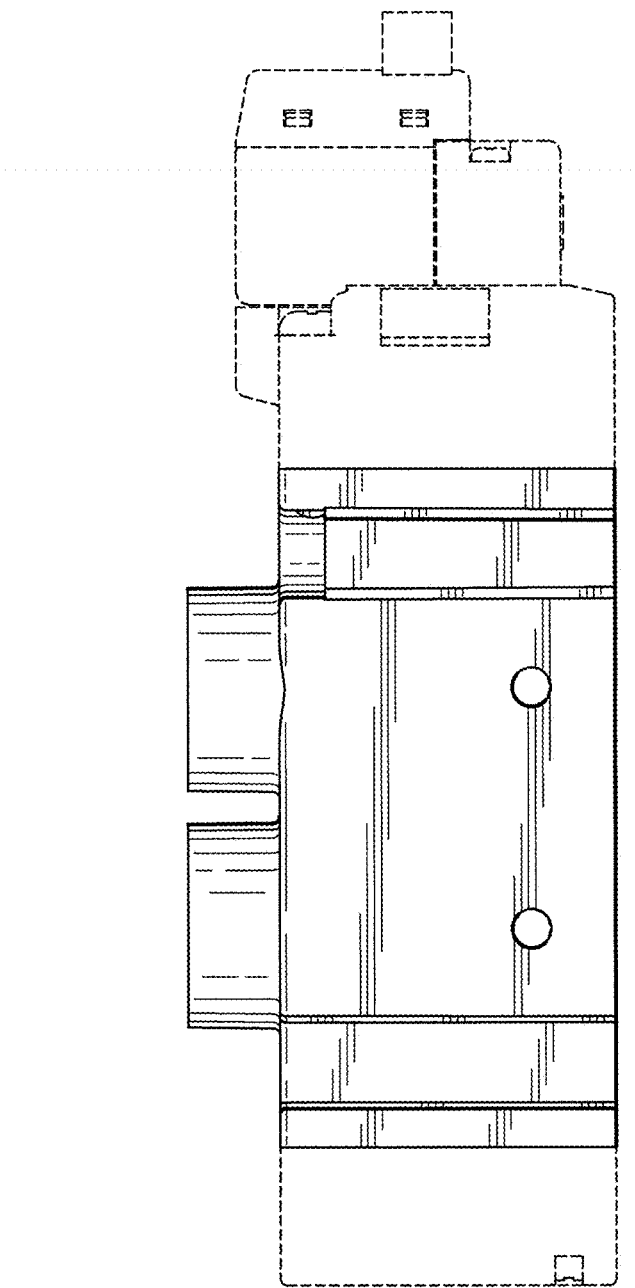


FIG. 4

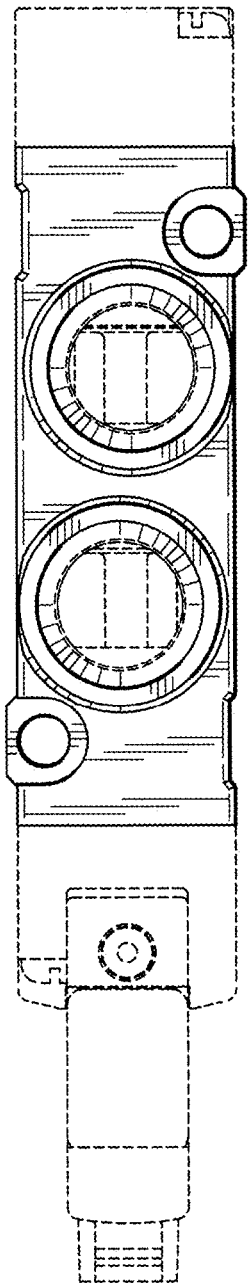


FIG. 5

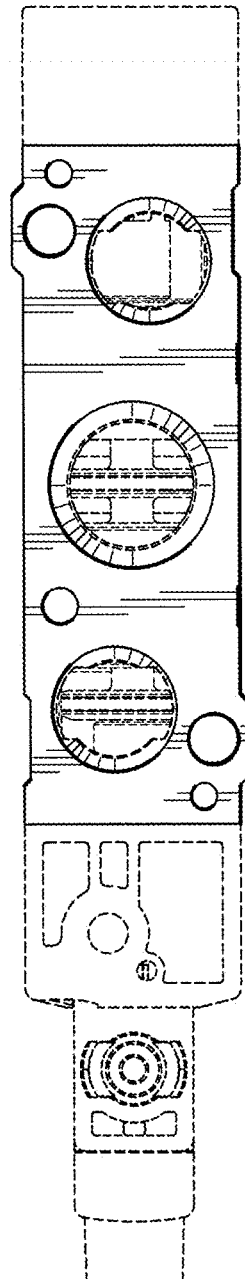


FIG. 6

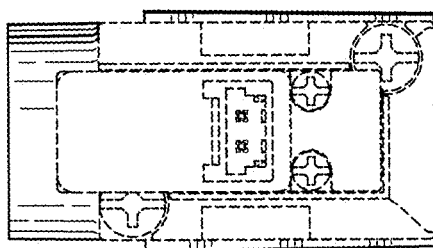


FIG. 7

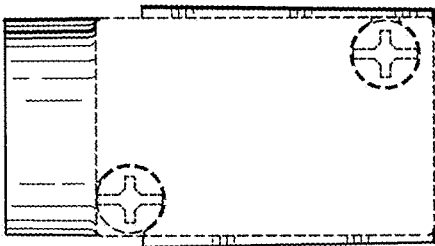


FIG. 8