

(12)

United States Design Patent

Uchimura et al.

(10)

Patent No.:

US D1,041,678 S

(45)

Date of Patent:

** Sep. 10, 2024

(54) BODY-FLUID TREATMENT MODULE
MODEL KIT

(71) Applicant: NIPRO CORPORATION, Osaka (JP)

(72) Inventors: Tomohiro Uchimura, Osaka (JP);
Ryoko Masaki, Osaka (JP)

(73) Assignee: NIPRO CORPORATION, Osaka (JP)

(**) Term: 15 Years

(21) Appl. No.: 29/822,349

(22) Filed: Jan. 7, 2022

(51) LOC (14) Cl. 24-02

(52) U.S. Cl.
USPC D24/223

(58) Field of Classification Search
USPC D24/127, 128, 156, 216, 222–230;
D3/304, 307, 308, 314, 315; D7/354,
D7/361, 500, 550.1, 554.3, 587, 602;
D19/75, 85, 90; D9/425, 427, 432
CPC A61B 5/150343; A61B 50/36; A61B
2050/3011; A61B 10/0045; A61B
10/0038; A61B 10/02; B01D 9/00; B01L
3/06; B01L 3/502; B01L 3/5025; B01L
3/5082; B01L 3/5085; B65D 83/10;
B65D 69/00
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D209,641 S * 12/1967 Goldberg D24/230
D252,106 S * 6/1979 Baxter D24/226

D253,127 S * 10/1979 Baxter D24/226
D268,130 S * 3/1983 Easton D7/553.5
D337,830 S * 7/1993 Coyne D24/227
D378,941 S * 4/1997 Lahm D24/227
D471,641 S * 3/2003 McMichael D24/227
D587,110 S * 2/2009 Kronshage D24/227
D708,347 S * 7/2014 Lober D24/227
D779,082 S * 2/2017 Andre D24/229
D998,171 S * 9/2023 Chan D24/226

FOREIGN PATENT DOCUMENTS

AP 2016/001107 * 1/2017
* cited by examiner

Primary Examiner — Omeed Agilee
(74) Attorney, Agent, or Firm — Birch, Stewart, Kolasch
& Birch, LLP

(57) CLAIM

The ornamental design for a body-fluid treatment module
model kit, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a body-fluid treatment module
model kit of the present design;
FIG. 2 is a rear view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a bottom view thereof; and,
FIG. 7 is a perspective view.
This model kit is a learning kit for understanding the
structure of a body-fluid treatment module.

1 Claim, 7 Drawing Sheets

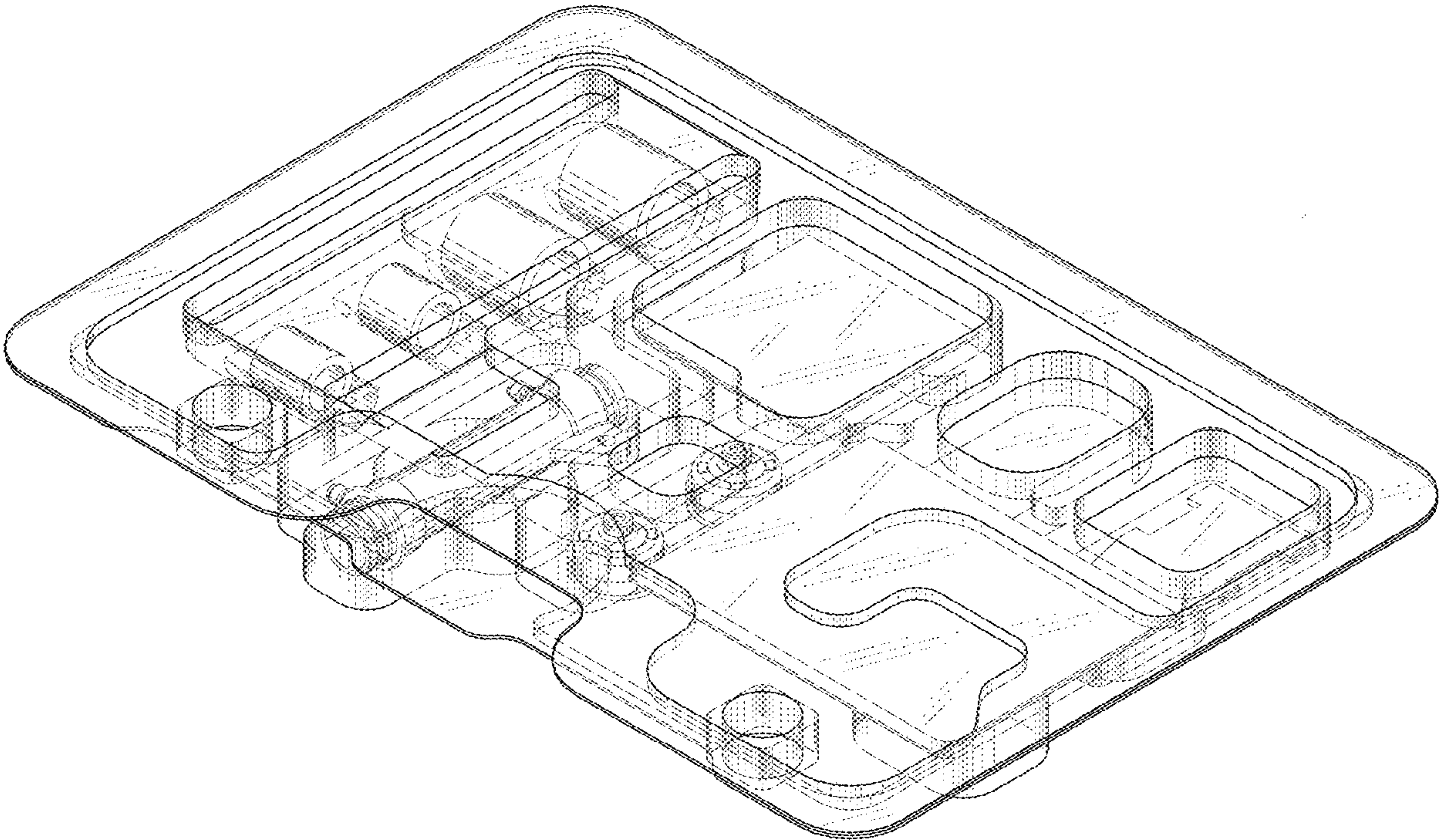


FIG.1

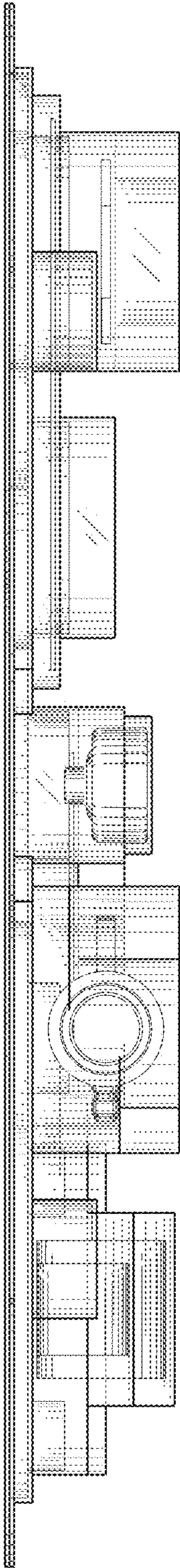


FIG.2

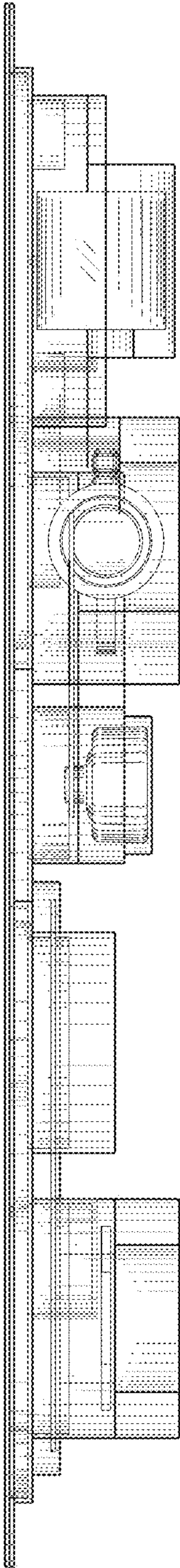


FIG.3

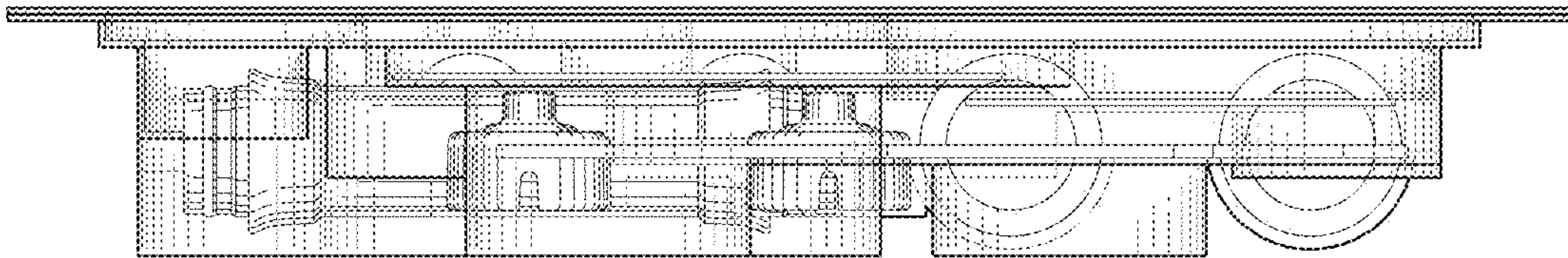


FIG.4

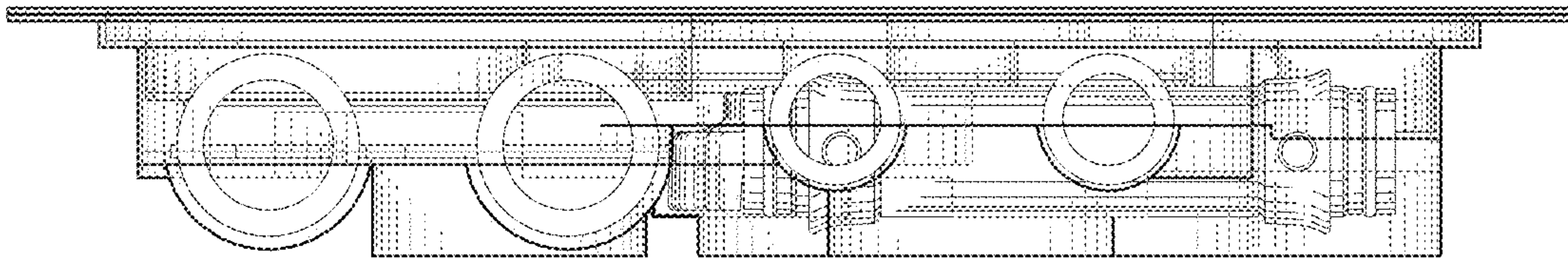


FIG.5

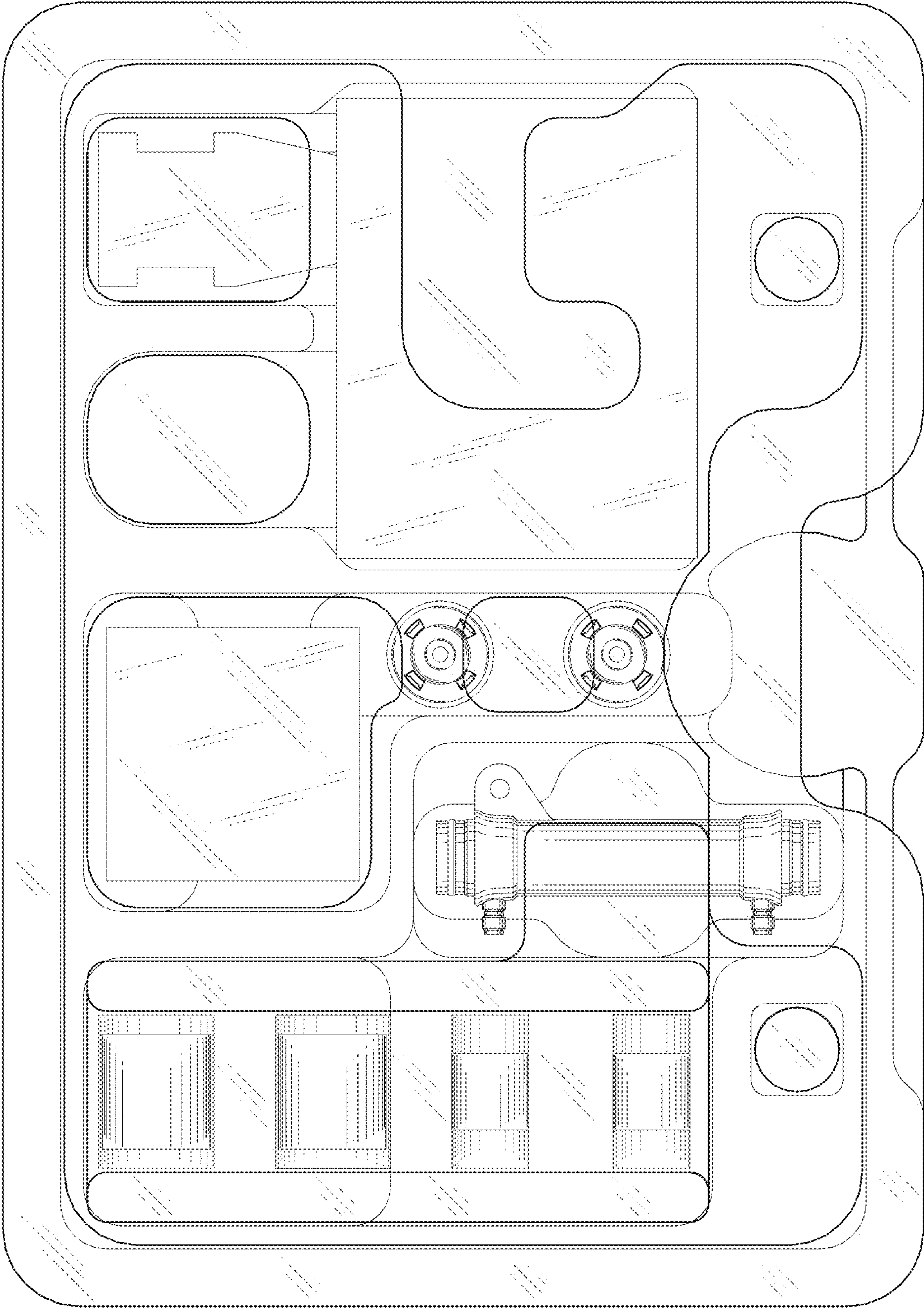


FIG.6

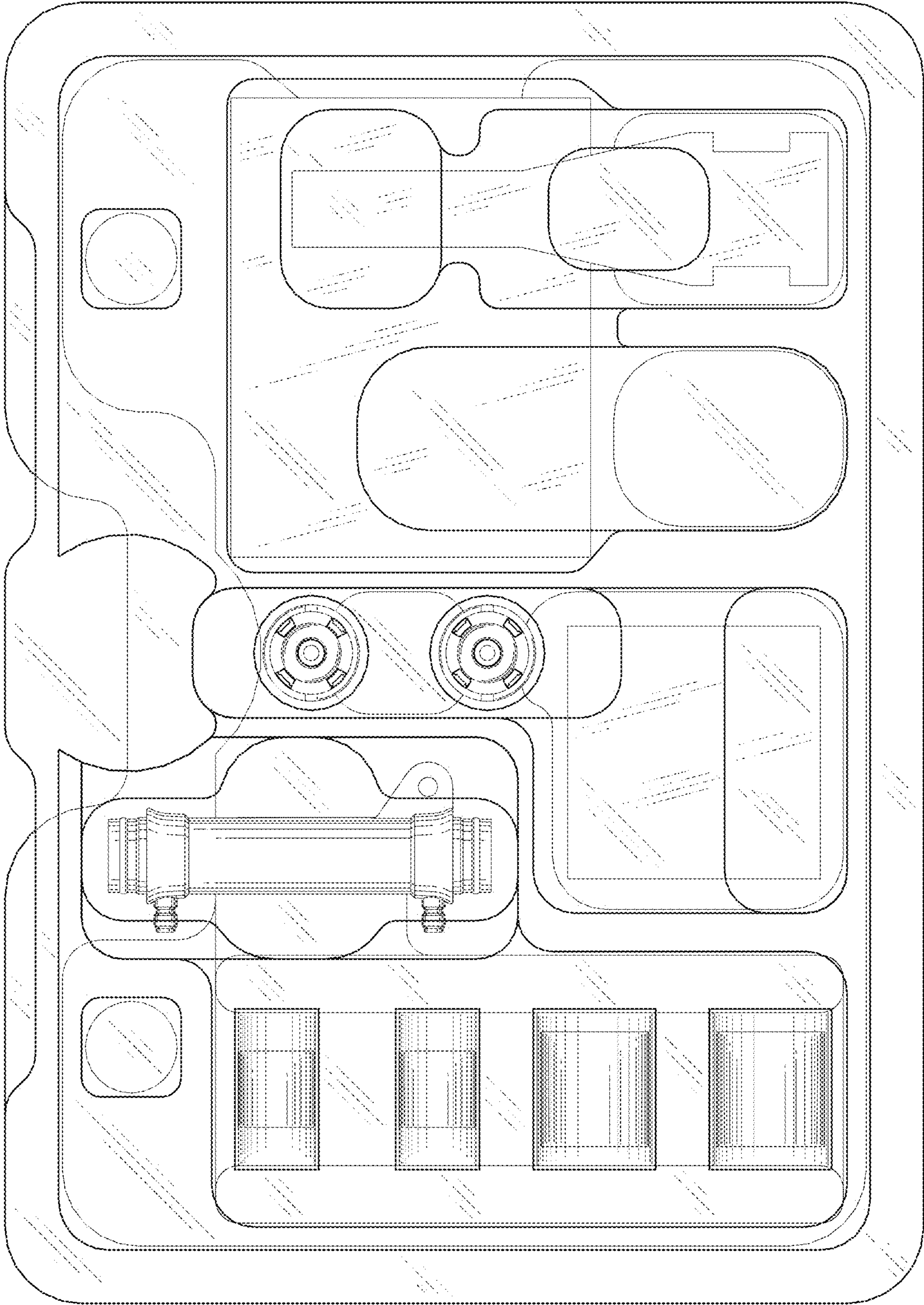


FIG.7

