



US00D945008S

(12) **United States Design Patent** (10) **Patent No.:** **US D945,008 S**
Smith et al. (45) **Date of Patent:** **** Mar. 1, 2022**

(54) **TUBING SUPPORT PLATE AND MICROFLUIDIC DISC**
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(**) Term: **15 Years**
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(52) **U.S. Cl.**
USPC **D24/216**
(58) **Field of Classification Search**
USPC D3/203.1, 203.2, 203.3; D6/332, 641, D6/642, 643, 643.1, 644, 645, 646, 647, D6/649, 650, 650.1, 655, 655.1, 655.11, D6/655.12, 655.13, 655.14, 655.15, D6/655.16, 655.17, 655.18, 655.19, 655.2, D6/655.21, 655.22, 655.23, 698, 700, D6/701, 553, 559, 561, 563; D10/40; D13/101, 112, 114, 118, 120, 121, 122, D13/119, 158, 159, 160, 162, 177, 182; D14/300, 301, 302, 307, 313, 314, 389, D14/435, 437; D15/199; D23/200, 202, D23/207, 209, 210, 499; D24/100, 133, D24/144, 158, 159, 160, 162, 163, 164, D24/170, 177, 183, 184, 185, 186, 187,
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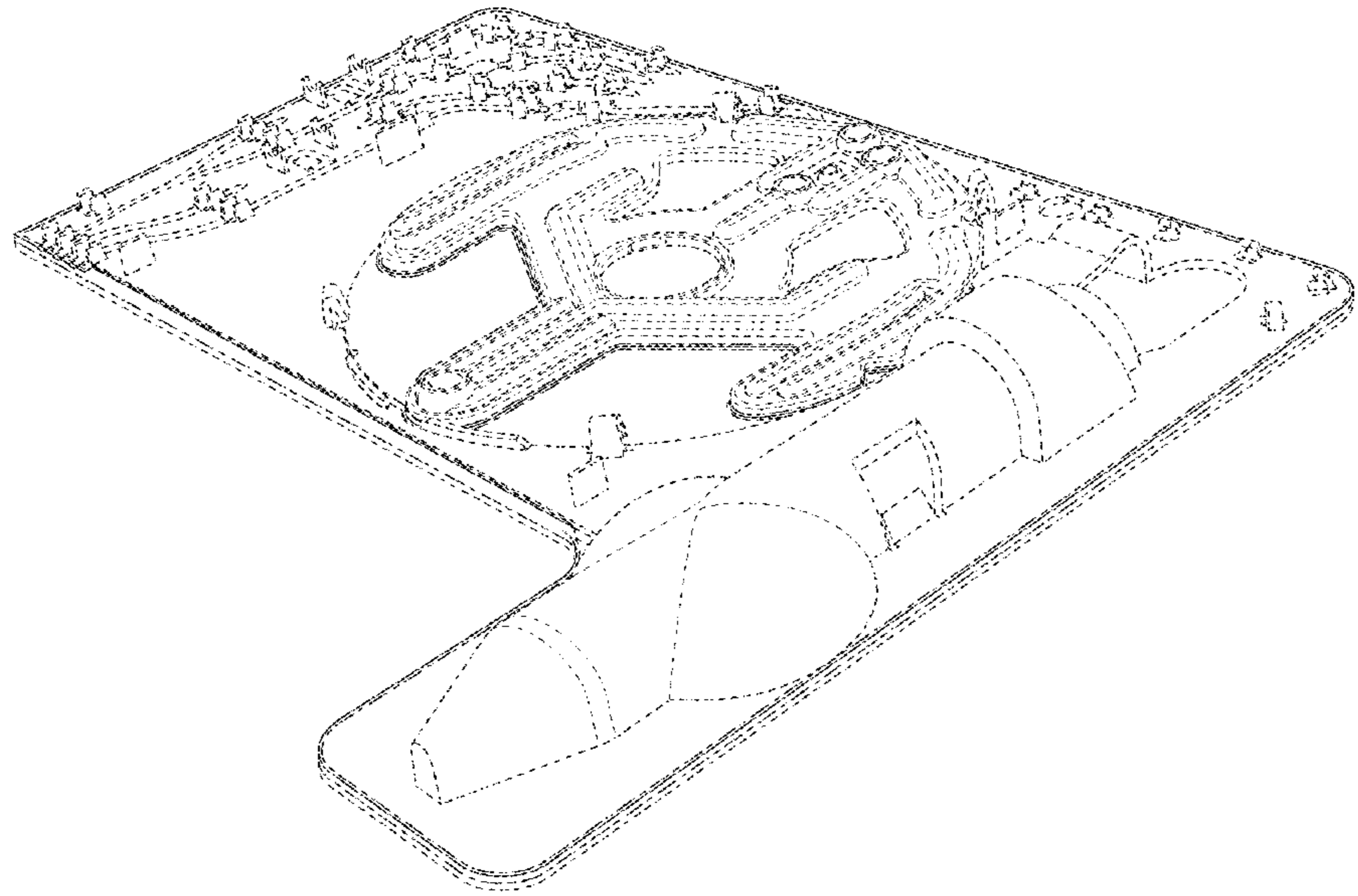
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(57) **CLAIM**
The ornamental design for a tubing support plate and microfluidic disc, as shown and described.

DESCRIPTION
FIG. 1 is a bottom, front, and right side perspective view of a tubing support plate and microfluidic disc showing our new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a left side elevation view thereof;
FIG. 5 is a right side elevation view thereof;
FIG. 6 is top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.
The dash-dash broken lines represent portions of the tubing support plate and microfluidic disc that form no part of the claimed design. The dot-dash broken lines represent boundaries of the claimed design, and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(58) **Field of Classification Search**

USPC D24/216, 217, 227, 228, 229, 230, 231, D24/232, 233, 234; D25/15; D34/12, 14
 CPC A61B 17/00; A61B 2017/00013; A61B 2017/00199; A61B 2017/00212; A61B 17/00234; A61B 2017/00349; A61B 2017/00353; A61B 34/00; A61B 34/30; A61B 2034/301; A61B 2034/302; A61B 2034/303; A61B 2034/304; A61B 2034/305; A61B 2034/306; A61B 34/32; A61B 34/35; A61B 34/37; A61B 90/40; A61B 2090/401; A61B 50/00; A61B 50/10; A61B 2050/105; A61B 50/13; A61B 50/15; A61B 2050/185; A61B 50/20; A61B 2050/21; A61B 50/22; A61B 50/24; A61B 50/26; A61B 50/30; A61B 50/3001; A61B 2050/3004; A61B 2050/3005; A61B 2050/3006; A61B 2050/3007; A61B 2050/3008; A61B 2050/3009; A61B 2050/3011; A61B 34/20; A61B 50/33; A61B 50/34; A61B 5/0033; A61B 5/0035; A61B 5/0036; A61B 5/0037; A61B 5/004; A61B 5/0042; A61B 5/0044; A61G 12/00; A61G 12/001; A61G 12/002; A61G 12/004; A61G 12/005; A61G 12/007; A61G 12/008; A61J 7/00; A61J 7/0069; A61J 7/0076; A61J 7/0084; A61J 7/02; A61J 7/04; A61J 7/0409; A61J 7/0418; A61J 7/0427; A61J 7/0436; A61J 7/0445; A61J 7/0454; A61J 7/0463; A61J 7/0472; A61J 7/0481; A61J 7/049; A61J 7/03; A61J 2200/30; A61J 2205/10; B01L 3/502707; B01L 3/5027; B62B 3/00; B62B 3/002; B62B 3/02; B62B 5/06; B62B 5/061; B62B 5/064; B62B 5/065; B62B 5/066; B62B 5/067; B65D 83/04; B65D 83/0409; B65D 83/0418; B65D 83/0427; B65D 83/0436; B65D 83/0445; B65D 83/0454; B65D 83/0463; B65D 83/0472; B65D 83/0481; B65D 83/049; G02F 1/00; G02F 1/01; G09G 3/00; G09G 3/006; G09G 3/34; G09G 3/3406; G09G 3/3413; G09G 3/342; G09G 3/3426; G16H 20/00; G16H 20/10; G16H 20/13; G16H 20/17; G16H 20/30; G16H 20/40; G16H 20/60; G16H 20/70; G16H

20/90; G16H 40/00; G16H 40/60; Y10T 137/00; F28D 15/0275; F28D 21/0003; F02M 26/32; F28F 1/025; F28F 3/022; F28F 21/00; H01L 23/3677; H01L 23/4334

See application file for complete search history.

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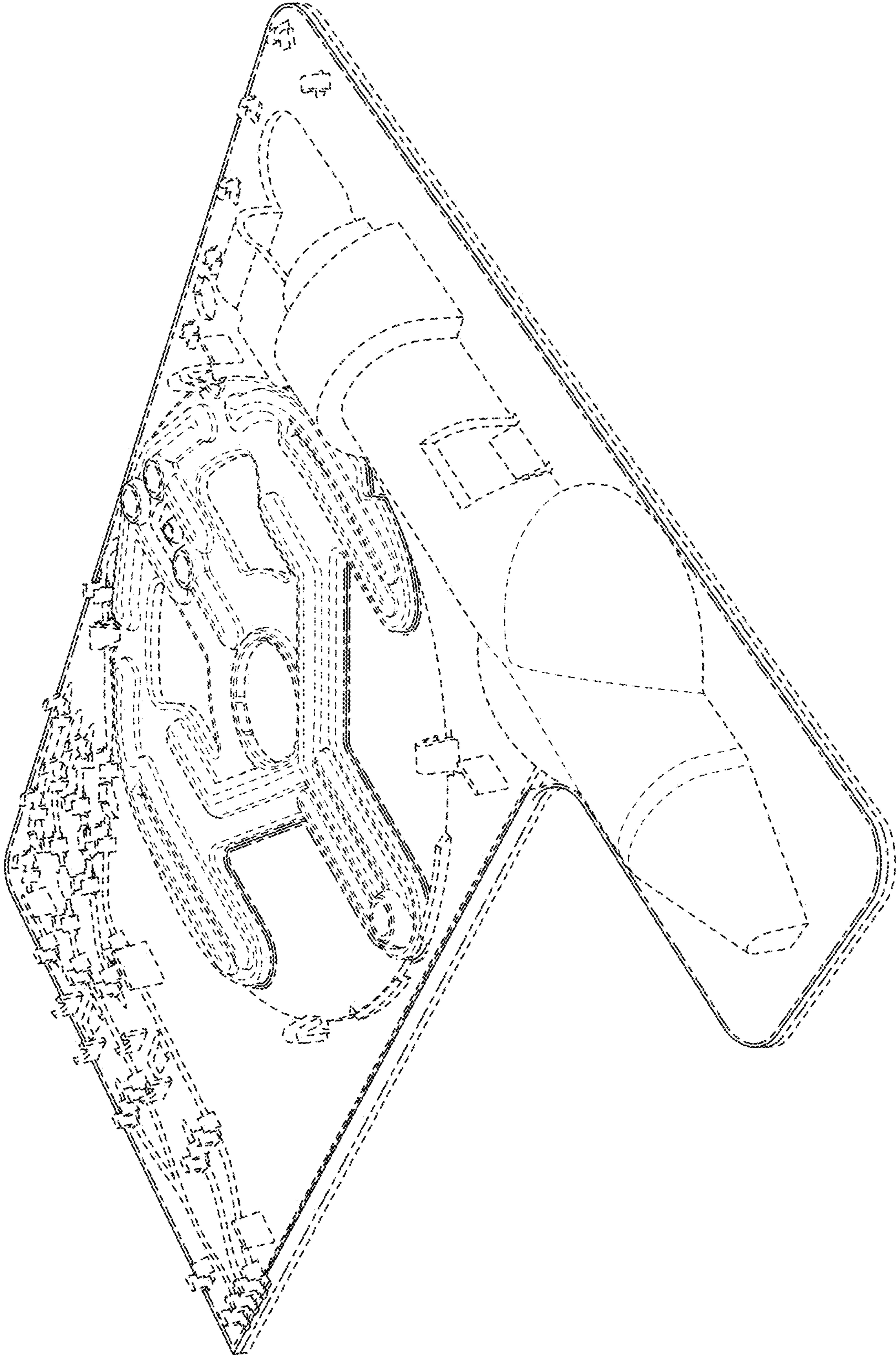


FIG. 1

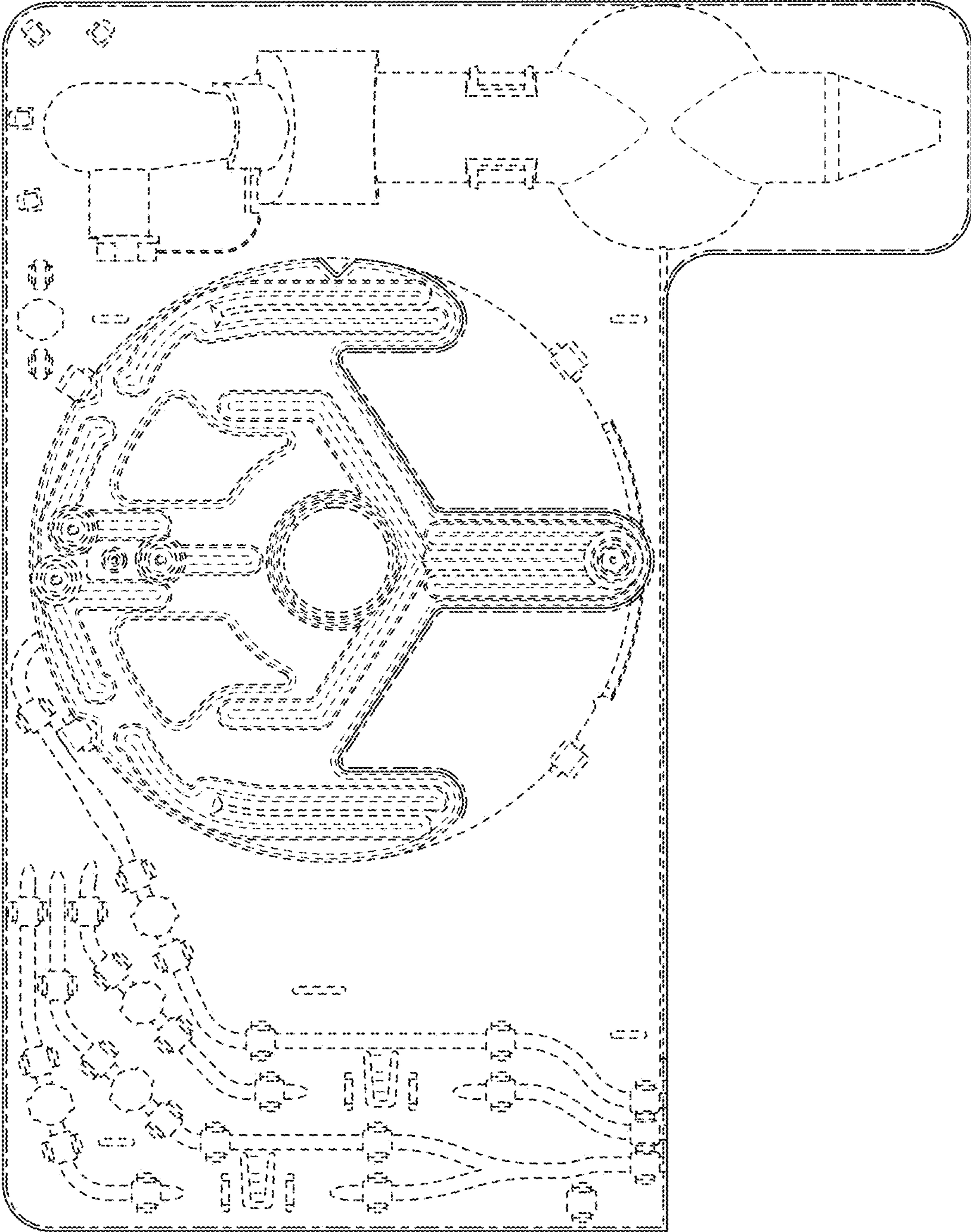


FIG. 2

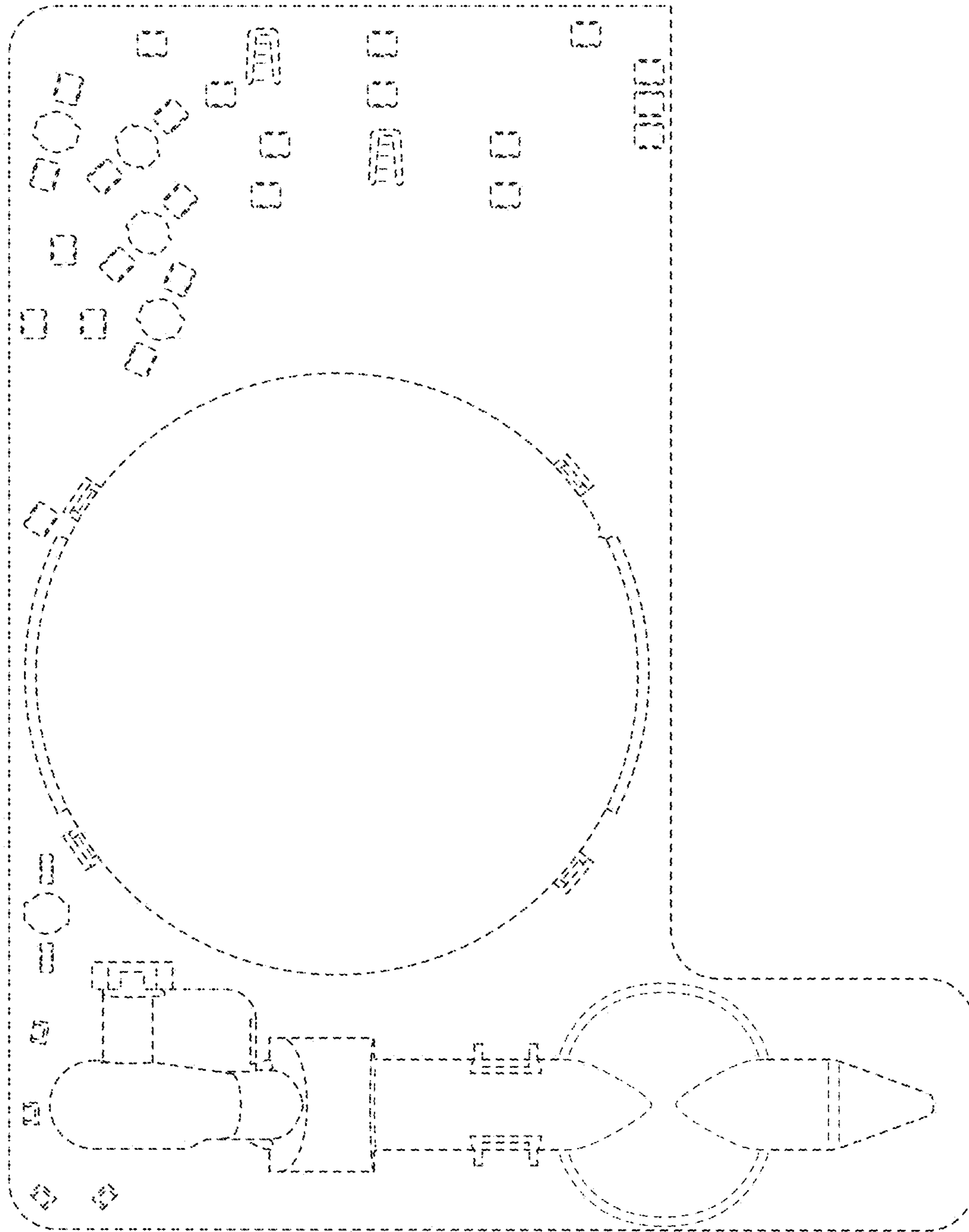


FIG. 3

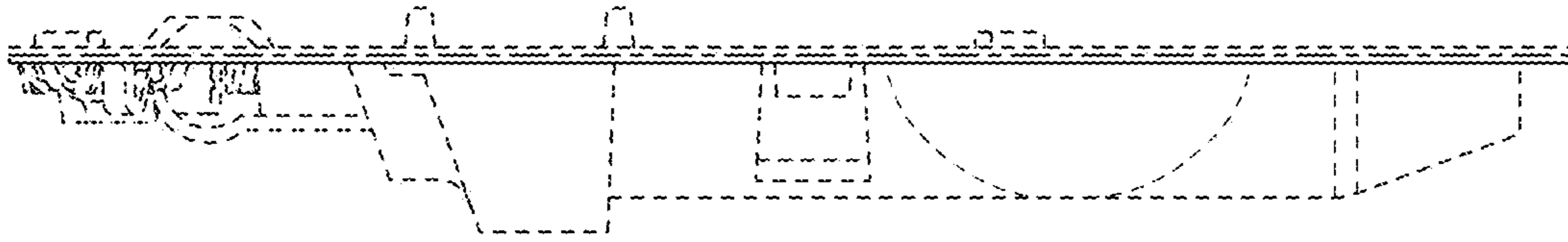


FIG. 5

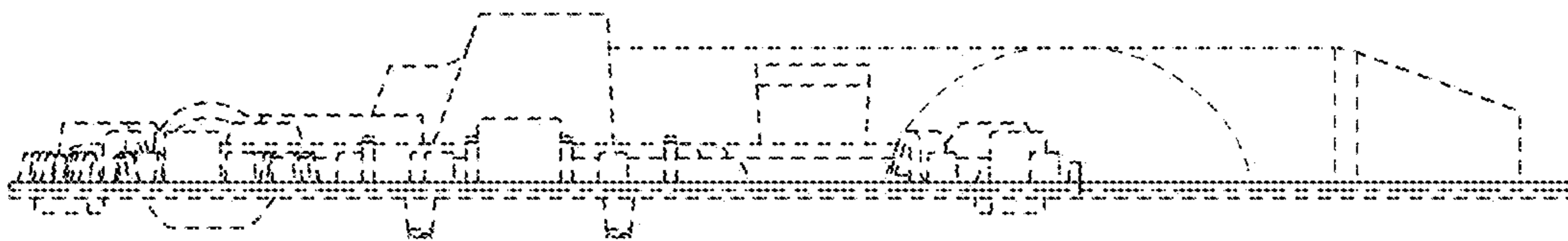


FIG. 4

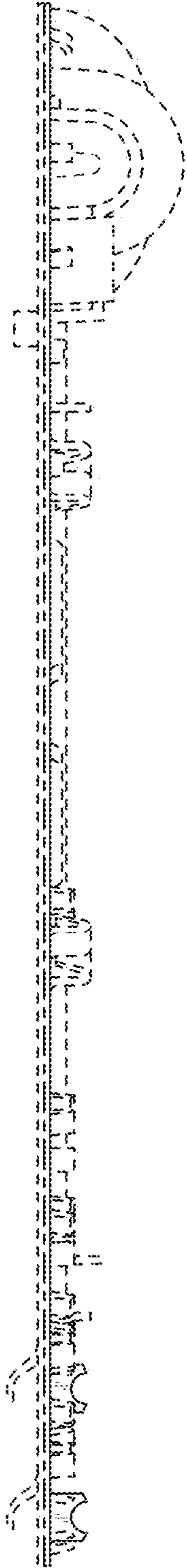


FIG. 6

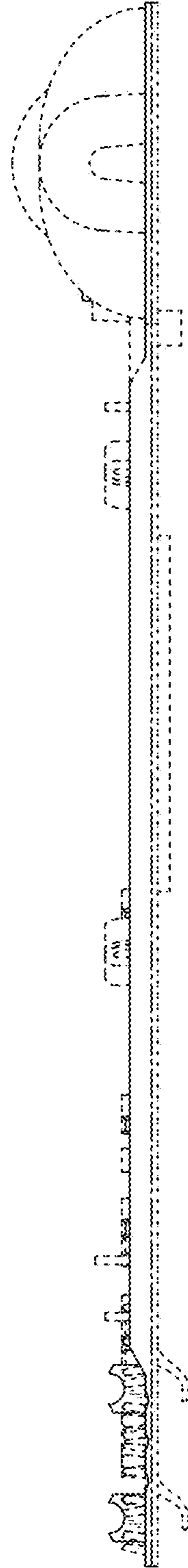


FIG. 7