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(12) **United States Design Patent**  
**Greenwood**

(10) **Patent No.:** **US D977,024 S**

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(54) **BUILDING SET DESIGN**

(71) Applicant: **Kontu, Inc.**, Wilmington, DE (US)

(72) Inventor: **Patrick Greenwood**, Boulder, CO (US)

(73) Assignee: **KONTU, INC.**, Wilmington, DE (US)

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

(21) Appl. No.: **29/679,465**

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(51) **LOC (14) Cl.** ..... **21-01**

(52) **U.S. Cl.**

USPC ..... **D21/471**; D21/479; D21/484

(58) **Field of Classification Search**

USPC ..... D21/338, 341, 342, 345, 346, 385, 386,  
D21/390, 391, 404, 478–480, 484–505,  
D21/300, 398, 468, 475; 446/85–128;  
D19/59, 62, 64; 434/190, 195, 196, 200,

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,819,904 A 1/1958 Nelson et al.  
3,254,440 A 6/1966 Duggar  
3,694,932 A 10/1972 McGrath

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 3595912 \* 1/2007  
CN 101797431 A \* 8/2010 ..... A63F 3/00634

(Continued)

**OTHER PUBLICATIONS**

Extended European Search Report, including the supplementary European search report and the European search opinion in corresponding co-owned EPO Application No. 18854187.4, 22 pages, Apr. 30, 2021.

(Continued)

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(57) **CLAIM**

The ornamental design for a building set design, substantially as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view showing my new design for a building set with the marker and tray components in an exploded state;

FIG. 2 is a top perspective view showing the marker and tray components in an assembled state;

FIG. 3 is a bottom perspective view of the tray components;

FIG. 4 is a front elevational view showing the marker and tray components in an exploded state;

FIG. 5 is a rear elevational view of FIG. 2;

FIG. 6 is a top plan view of one exemplary marker component;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a side elevational view thereof;

FIG. 9 is another side elevational view thereof;

FIG. 10 is a top plan view of the tray components;

FIG. 11 is a bottom plan view thereof;

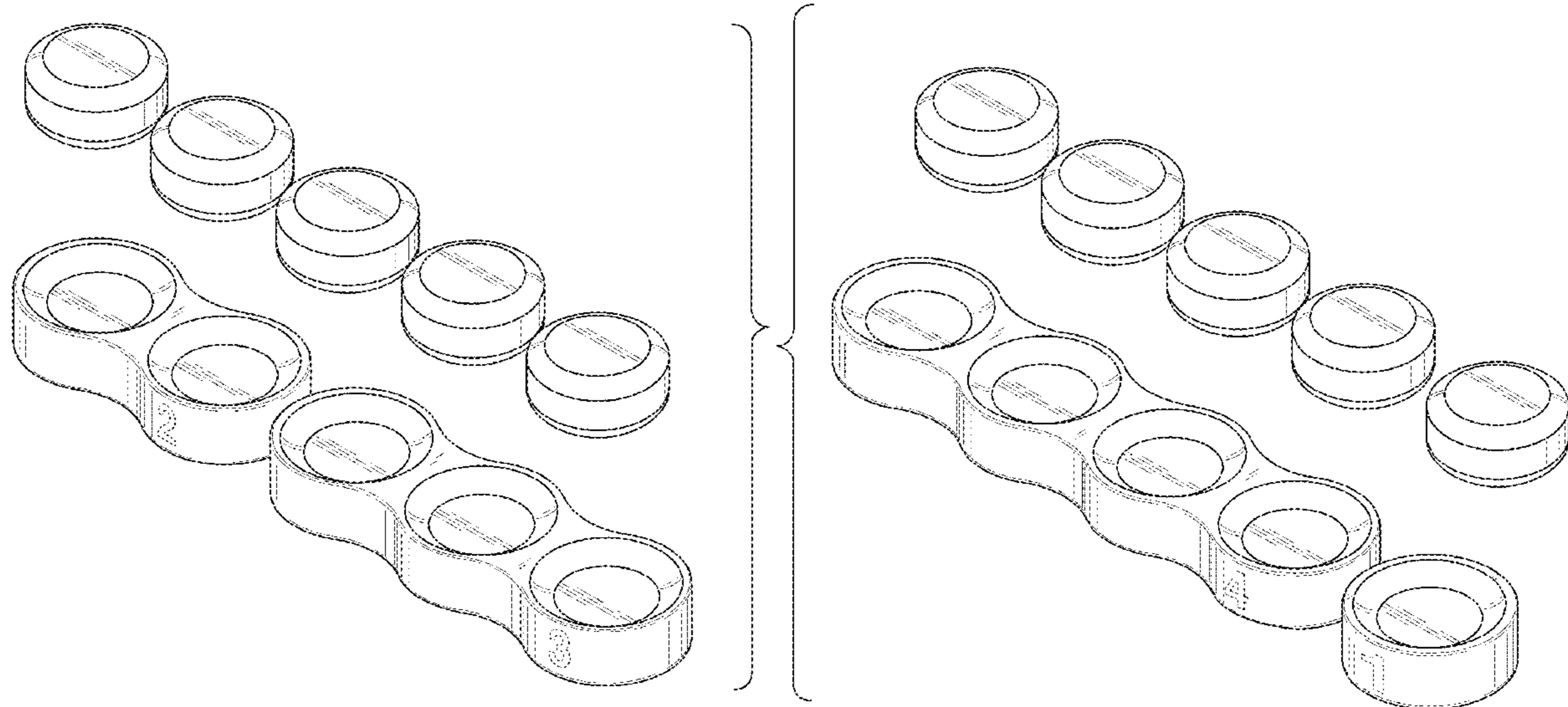
FIG. 12 is an end view of the exploded state shown in FIG. 4;

FIG. 13 is an end view of the assembled state shown in FIGS. 2 and 5; and,

FIG. 14 is an exploded top perspective view showing an alternate embodiment of my new design, wherein the modification resides in the relative length and number of compartments in each tray component.

The dashed lines depict numeral indicia that forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(58) **Field of Classification Search**

USPC ..... 434/204, 208, 210; 273/153 R, 156,  
273/157 R  
CPC ..... A63H 33/04–14; A63H 33/26; A63F  
3/00173; A63F 3/00176; A63F 3/00261;  
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2003/0047; A63F 2003/0063; A63F  
2003/00716; A63F 2003/00738; A63F  
2003/0076; A63F 2003/00832; A63F  
2003/00839; A63F 2003/00845; A63F  
2003/046; A63F 9/00; A63F 9/06; A63F  
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2250/609; G09B 1/02; G09B 1/08; G09B  
19/02

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,877,170 A \* 4/1975 Bakker ..... A63H 33/088  
446/124  
4,021,042 A 5/1977 Sweeton  
4,462,596 A 7/1984 Yamamoto  
4,487,585 A 12/1984 Goldwasser  
D284,207 S \* 6/1986 Kassai ..... D21/486  
D284,393 S \* 6/1986 Kassai ..... D21/486  
4,808,111 A 2/1989 Pratt  
4,822,051 A 4/1989 Nowak  
5,149,102 A 9/1992 McGowan et al.  
5,366,226 A 11/1994 McGowan et al.  
5,409,234 A \* 4/1995 Bechter ..... A63F 3/00214  
273/271  
D370,034 S \* 5/1996 Kipfer ..... D21/386  
D371,583 S \* 7/1996 Knudsen ..... D21/503  
5,662,326 A 9/1997 Gebran  
5,746,638 A 5/1998 Shiraishi  
5,848,788 A 12/1998 Hess  
5,949,050 A 9/1999 Fosbenner et al.  
D420,062 S \* 2/2000 Glickman ..... D21/504  
D426,588 S \* 6/2000 Glickman ..... D21/504  
6,086,444 A \* 7/2000 Glickman ..... A63H 33/08  
446/124  
D706,363 S \* 6/2014 Norman ..... D21/491  
8,850,683 B2 10/2014 Haughey et al.  
D747,420 S \* 1/2016 Zhang ..... D21/486

9,266,032 B2 2/2016 Haughey et al.  
D778,368 S \* 2/2017 Edevold ..... D21/393  
D786,364 S \* 5/2017 Richards ..... D21/484  
9,662,592 B2 5/2017 Haughey et al.  
D833,540 S \* 11/2018 Zhang ..... D21/486  
D849,850 S \* 5/2019 Holowka ..... D21/484  
2004/0067120 A1 4/2004 Speer  
2007/0085269 A1 4/2007 Martin, Jr. et al.  
2010/0242250 A1 9/2010 Haughey et al.  
2014/0213139 A1 \* 7/2014 Ferguson ..... A63H 33/046  
446/92  
2014/0377736 A1 12/2014 Essen  
2016/0310864 A1 \* 10/2016 Cheung ..... A63H 33/046  
2019/0073922 A1 3/2019 Greenwood

FOREIGN PATENT DOCUMENTS

CN 303182186 \* 4/2015  
CN 109568982 A \* 4/2019  
DE 3643005 A1 \* 8/1987 ..... A63H 33/088  
DE 20101964 U1 \* 6/2001 ..... A63H 33/086  
DE 202013104293 U1 \* 11/2013 ..... A63H 33/08  
EM 000820451-0001 \* 3/2008  
FR 065877-001 \* 1/2010  
GB 2396569 A \* 6/2004 ..... A63F 9/1288  
GB 2527106 12/2015  
KR 20130133355 A \* 12/2013  
KR 20160080661 7/2016  
WO WO-9322018 A1 \* 11/1993 ..... A63H 33/086  
WO 2010111189 9/2010

OTHER PUBLICATIONS

Espace English Machine Translation of KR20160080661, 15 pages.  
Unofficial translation from Chinese—First Office Action in corre-  
sponding co-owned Chinese Application No. 201880068912.9, 7  
pages, dated Dec. 2, 2021.  
Photographs of Smart Game, Little Red Riding Hood, known to the  
inventor to be publicly available at least as early as Jul. 2018, 4 pgs.  
Written Opinion of the International Searching Authority for PCT/  
US18/49235 and Patent Cooperation Treaty International Search  
Report for PCT/US18/49235, dated Nov. 21, 2018, 6 pages.  
“Learning Resources Connecting Ten-Frame Trays, 165 Pieces,”  
Learning Resources, <https://www.amazon.com/Learning-Resources-Connecting-Ten-Frame-Pieces/dp/B01N9KC0DL>, Dec. 23, 2016.  
“Math Stories,” Mathematics Enhanced Scope and Sequence, Vir-  
ginia Department of Education, [https://web.archive.org/web/20161226210744/https://doe.virginia.gov/testing/solsearch/sol/math/K/mess\\_k-6.pdf](https://web.archive.org/web/20161226210744/https://doe.virginia.gov/testing/solsearch/sol/math/K/mess_k-6.pdf). Dec. 26, 2016.  
Product page from website at <https://kodokids.com/links>, copyright  
2019, 2 pgs.

\* cited by examiner

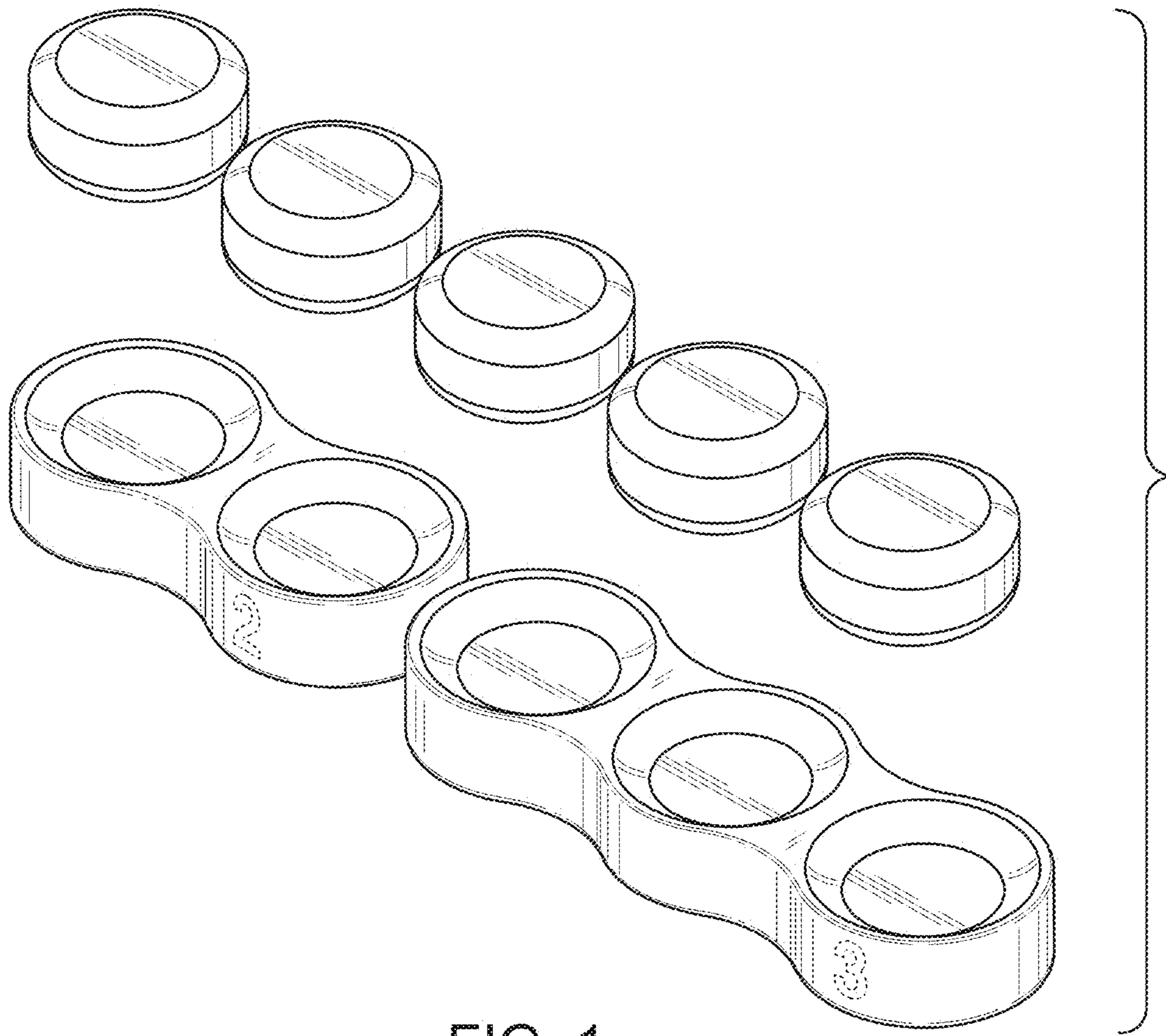


FIG. 1

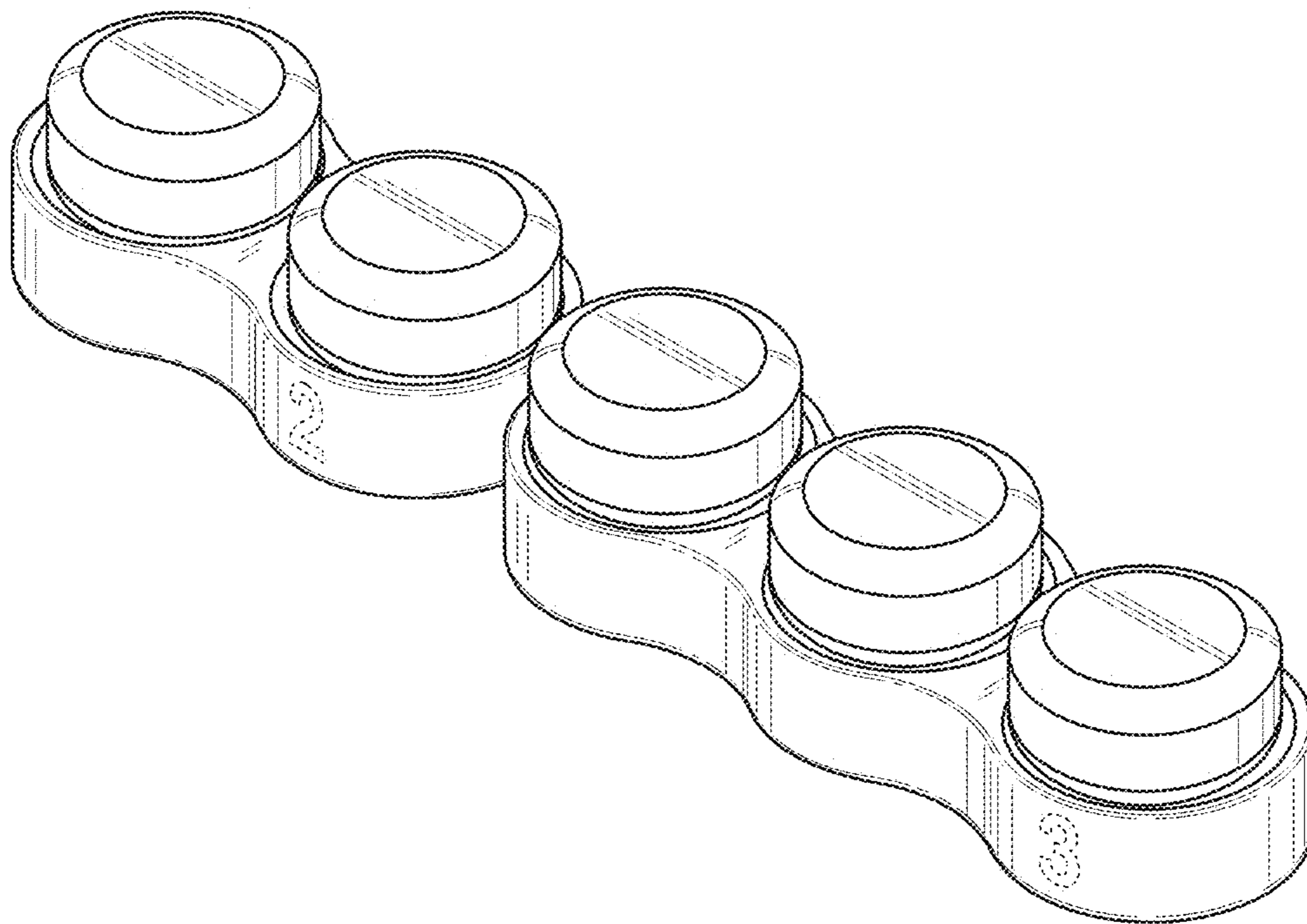


FIG. 2

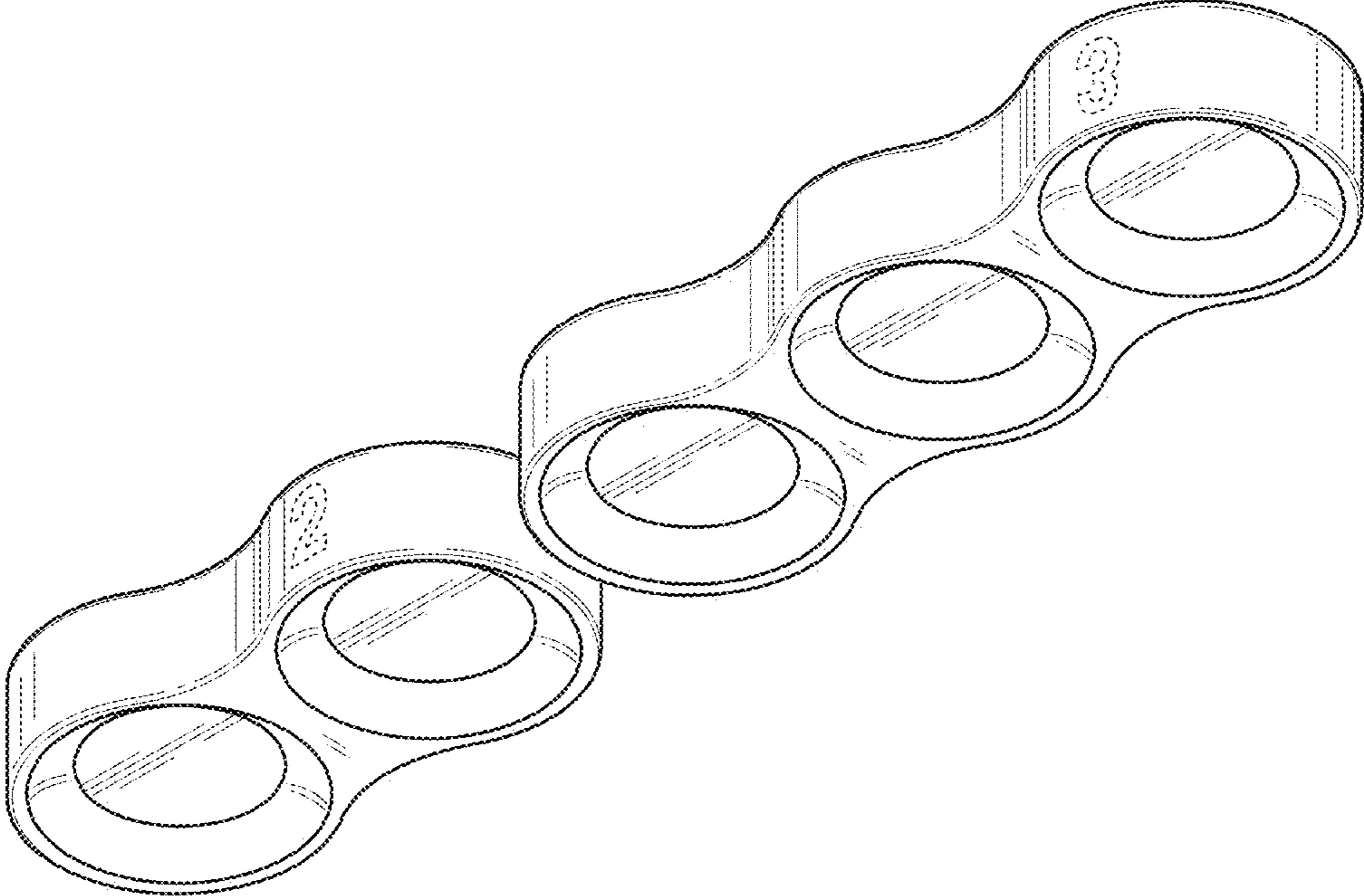


FIG. 3

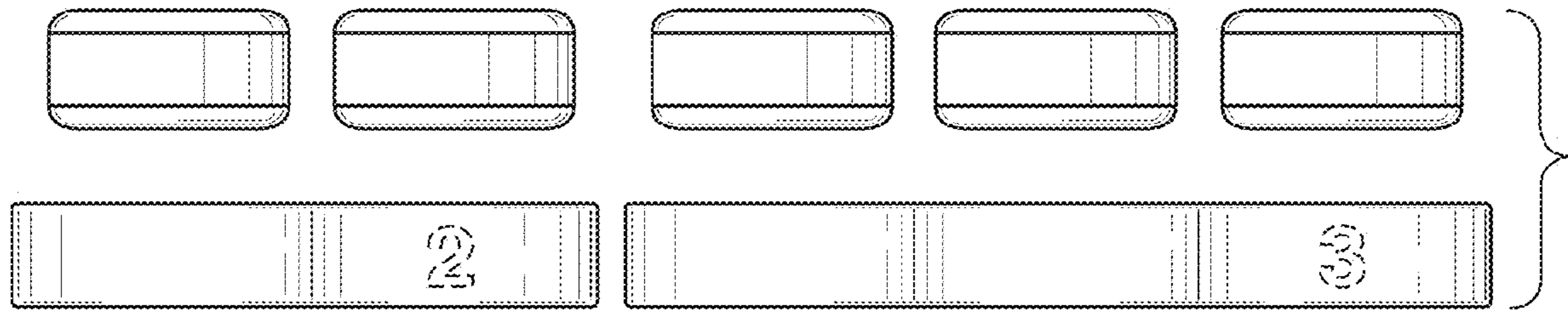


FIG. 4

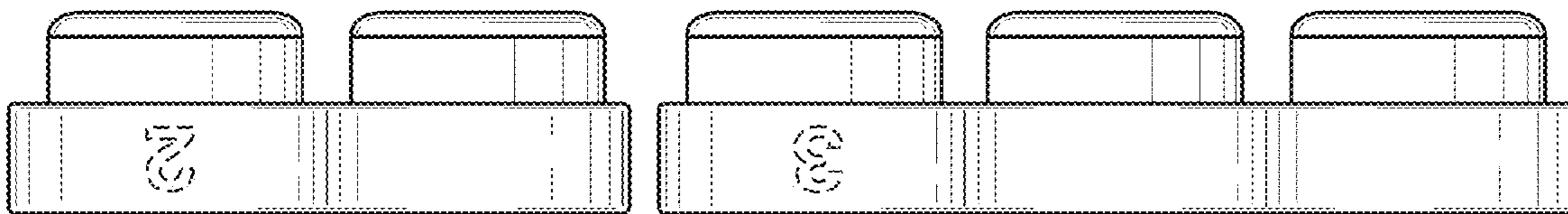


FIG. 5

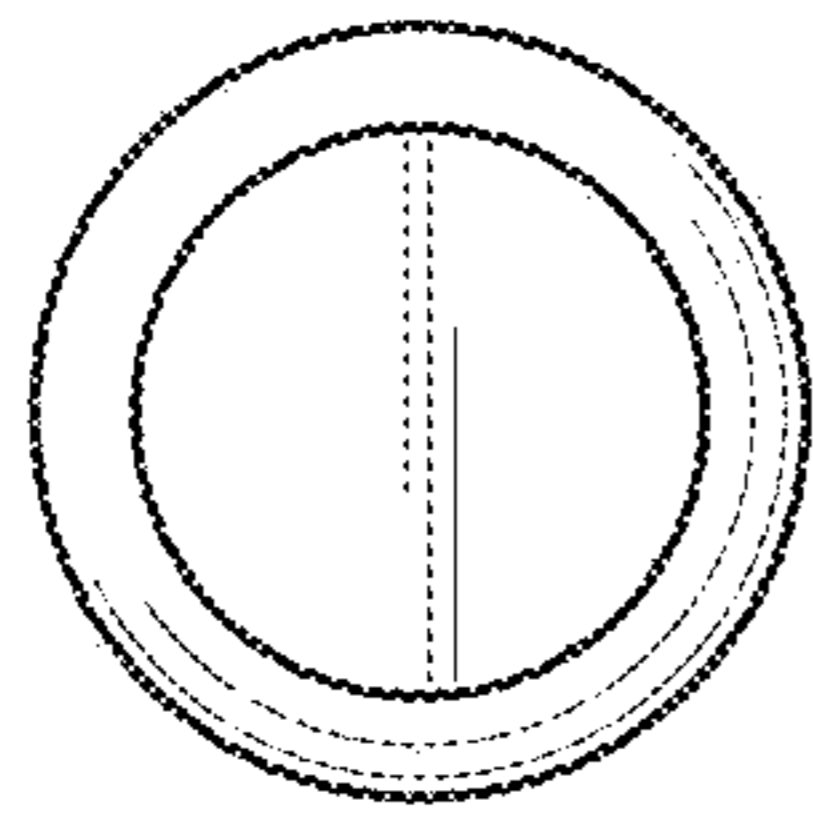


FIG. 6

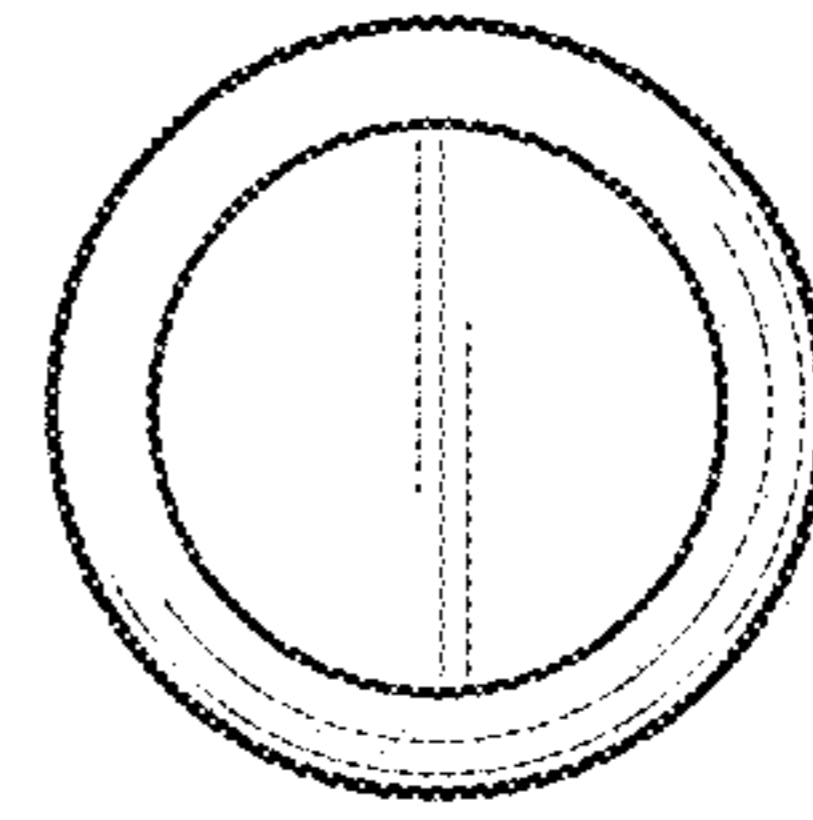


FIG. 7



FIG. 8

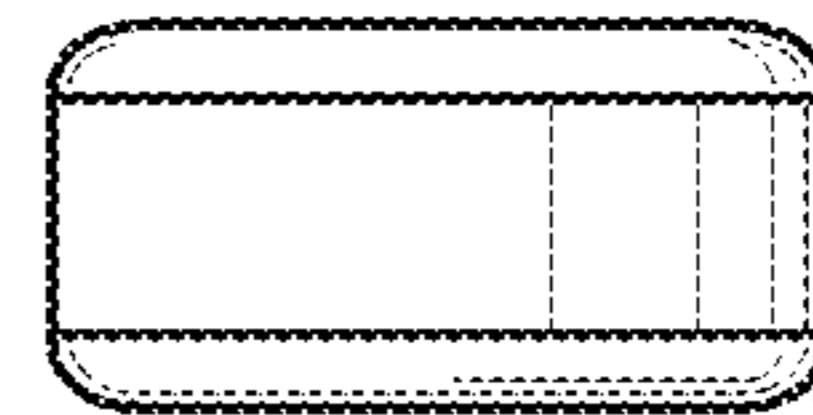


FIG. 9

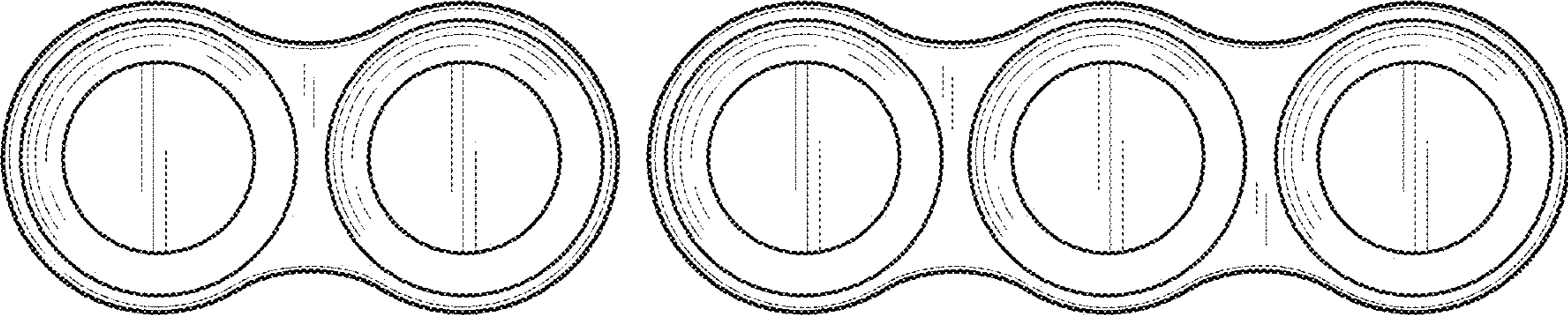


FIG. 10

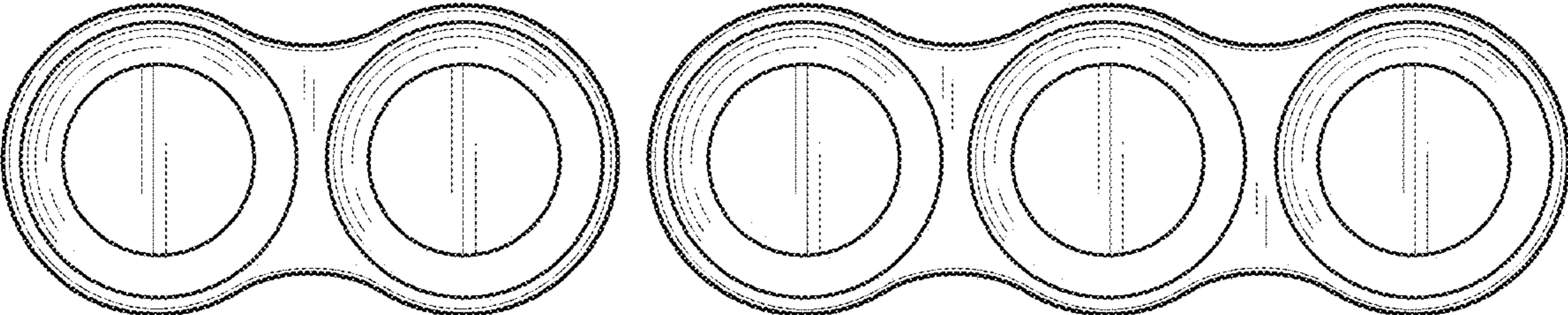


FIG. 11

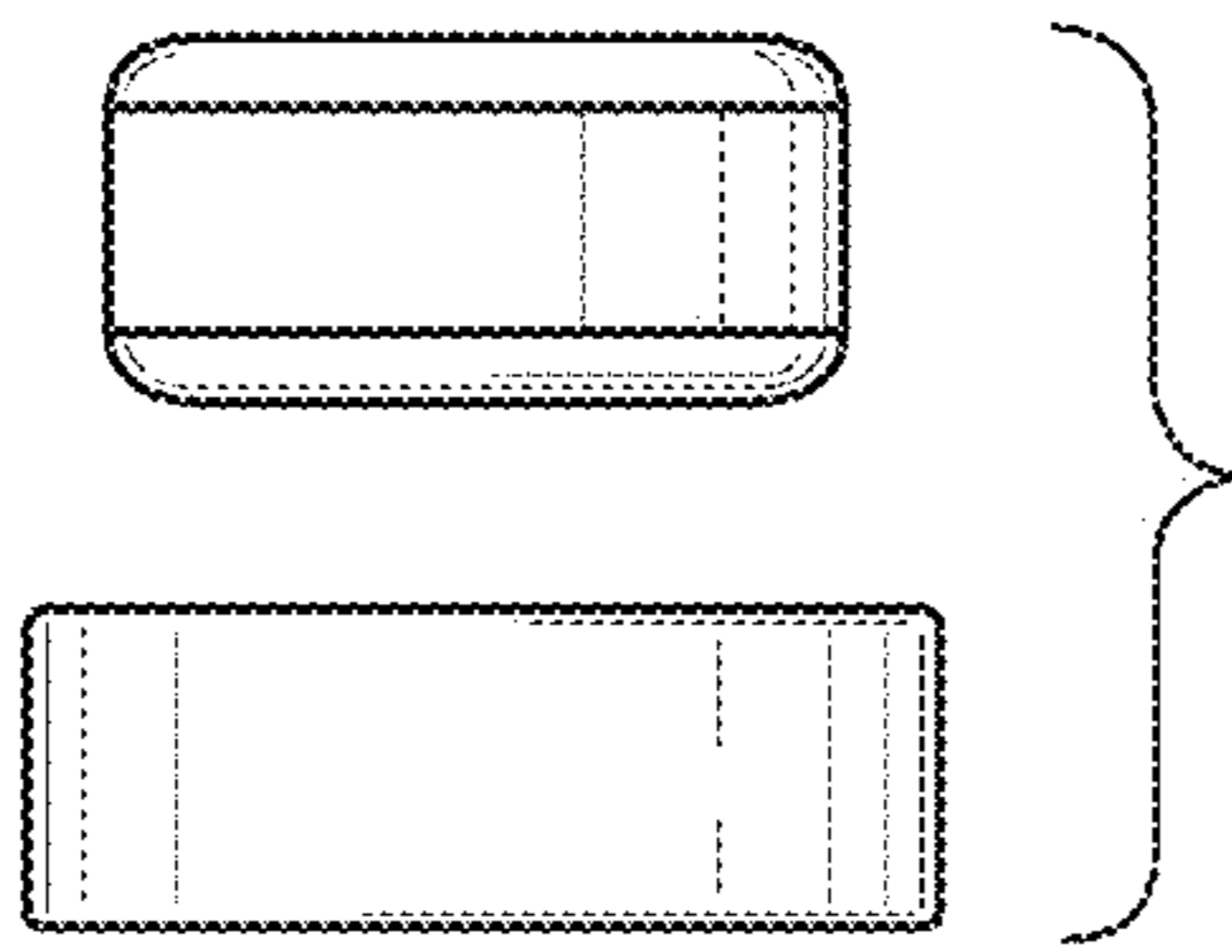


FIG. 12

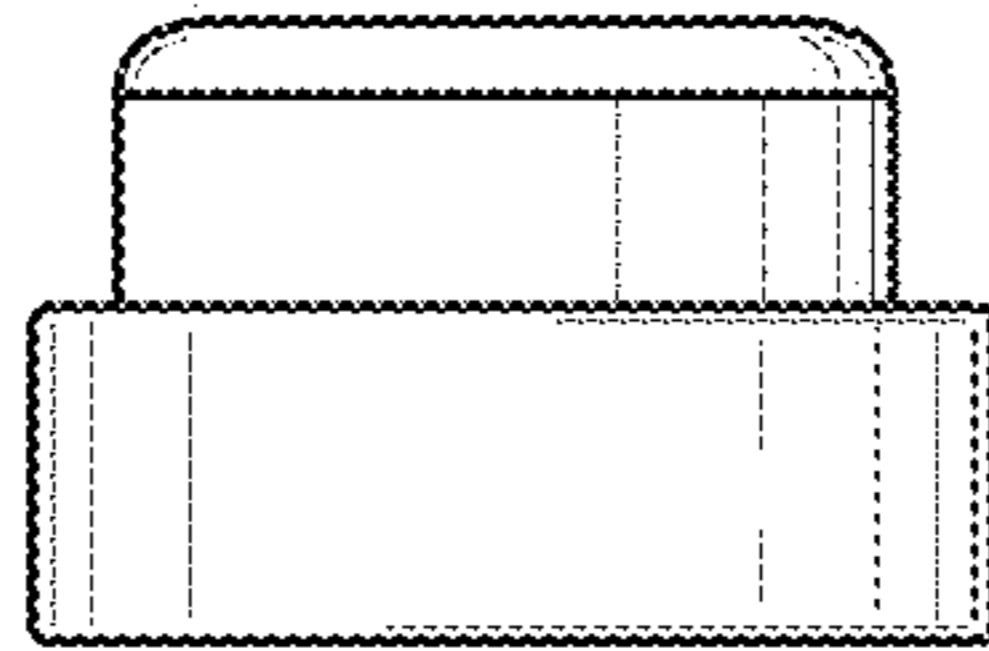


FIG. 13



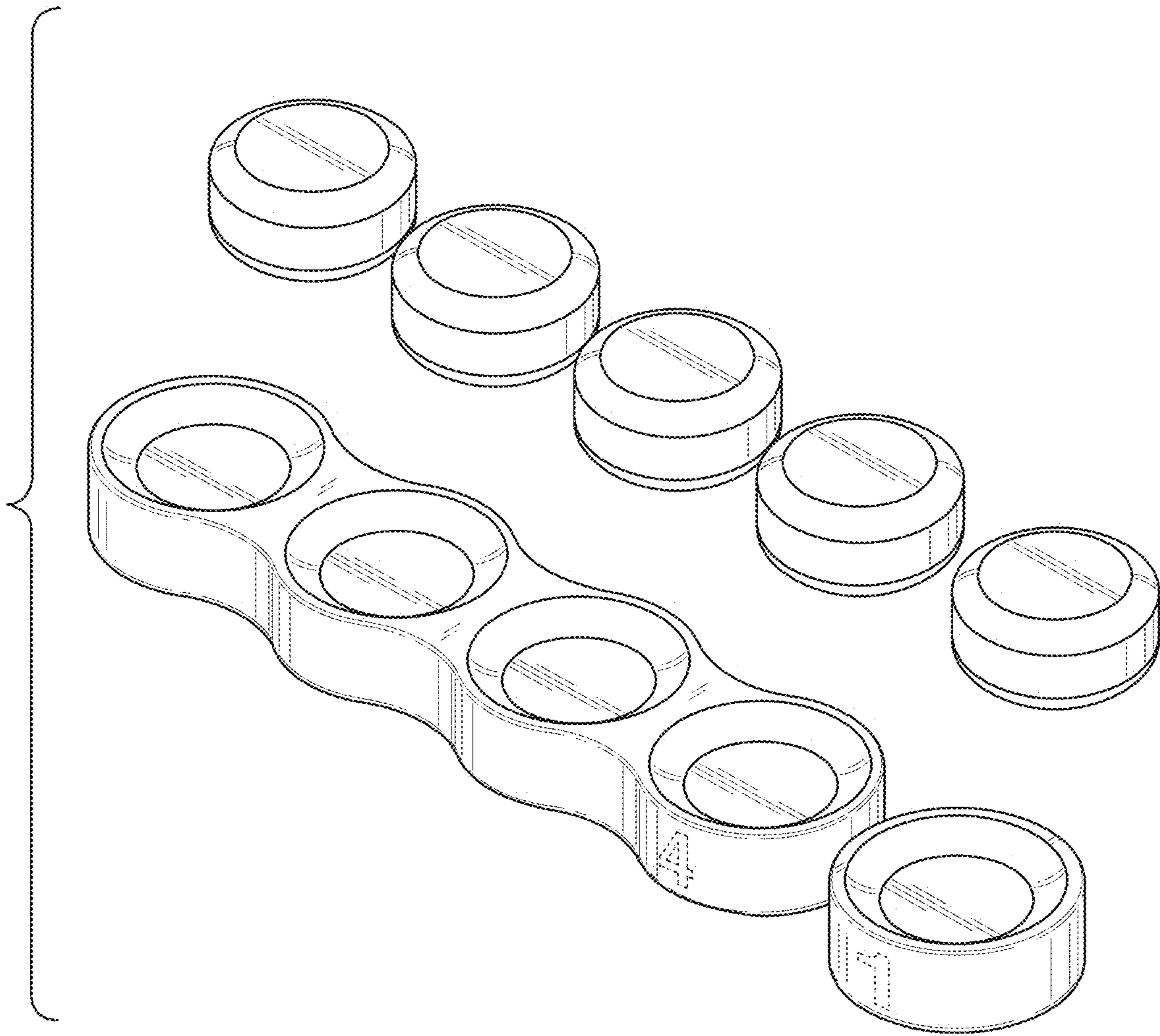


FIG. 14