

# (12) United States Design Patent (10) Patent No.:

Richards et al.

**US D697.146 S** 

(45) Date of Patent:

Jan. 7, 2014

## (54) PLAY CONSTRUCTION KIT

(75) Inventors: Barry Richards, Trenton, NJ (US); Shunyi Wu, Forest Hills, NY (US); David Rockwell, New York, NY (US)

Assignee: Rockwell Architecture, Planning & Design, P.C., New York, NY (US)

Term: 14 Years

(21) Appl. No.: 29/418,866

(22) Filed: Apr. 23, 2012

(51) LOC (10) Cl. ...... 21-01

U.S. Cl. USPC ...... **D21/484** 

Field of Classification Search

USPC ...... D21/484-506, 811, 814, 826; 446/85, 446/89, 107, 114, 221; 472/128, 136

See application file for complete search history.

#### (56)References Cited

#### U.S. PATENT DOCUMENTS

| 3,681,870<br>3,822,569<br>3,987,579<br>D257,270<br>4,758,195 | A<br>A *<br>S |        | Alpert Lautrup-Larsen Palenik, III |
|--|---------------|--------|------------------------------------|
| D315,183   | S *           | 3/1991 | Meyer D21/501                      |
| 5,112,263  | A *           | 5/1992 | Penillard et al 446/89             |
| 5,916,006  | A             | 6/1999 | Ganson                             |
| 6,340,323  | B1 *          | 1/2002 | Glynn 446/89                       |
| 6,554,677  | B2 *          | 4/2003 | Leemon 446/122                     |
| 7,104,864  | B1 *          | 9/2006 | Liou 446/221                       |
| 7,364,487  | B2 *          | 4/2008 | Evans et al 446/108                |
| 7,374,468  | B2 *          |        | Flodin et al 446/85                |
| (Continued) D594,512   | S             | 6/2009 | Richards et al.                    |

Primary Examiner — Cynthia M Chin

(74) Attorney, Agent, or Firm — Keith D. Nowak; Libby Babu Varghese; Carter Ledyard & Milburn, LLP.

### **CLAIM**

The ornamental design for a play construction kit, as shown and described.

#### DESCRIPTION

FIG. 1 is a front, left, top perspective view of a first part of the kit for play construction assembly of the present invention; FIG. 2 is the front elevational view of FIG. 1, the rear elevational view being a mirror image thereof;

FIG. 3 is the left elevational view of FIG. 1;

FIG. 4 is the right elevational view of FIG. 1;

FIG. 5 is the top plan view of FIG. 1;

FIG. 6 is the bottom plan view of FIG. 1;

FIG. 7 is a front, left, top perspective view of a second part of the kit for play construction assembly of the present inven-

FIG. 8 is the front elevational view of FIG. 7, the rear elevational view being a mirror image thereof;

FIG. 9 is the right elevational view of FIG. 7;

FIG. 10 is the left elevational view of FIG. 7;

FIG. 11 is the top plan view of FIG. 7;

FIG. 12 is the bottom plan view of FIG. 7;

FIG. 13 is a front, left, top perspective view of a third part of the kit for play construction assembly of the present invention:

FIG. 14 is the front elevational view of FIG. 13, the rear elevational view being a mirror image thereof;

FIG. 15 is the right elevational view of FIG. 13;

FIG. 16 is the left elevational view of FIG. 13;

FIG. 17 is the top plan view of FIG. 13;

FIG. 18 is the bottom plan view of FIG. 13;

FIG. 19 is a front, left, top perspective view of a fourth part of the kit for play construction assembly of the present invention:

FIG. 20 is the front elevational view of FIG. 19, the rear elevational view being a mirror image thereof;

FIG. 21 is the right elevational view of FIG. 19;

FIG. 22 is the left elevational view of FIG. 19;

FIG. 23 is the top plan view of FIG. 19;

FIG. 24 is the bottom plan view of FIG. 19;

FIG. 25 is a front, left perspective view of a fifth part of the kit for play construction assembly of the present invention;

FIG. 26 is the front elevational view of FIG. 25, the rear elevational view being a mirror image thereof;

FIG. 27 is the right elevational view of FIG. 25, the left elevational view being a mirror image thereof;

FIG. 28 is the top plan view of FIG. 25;

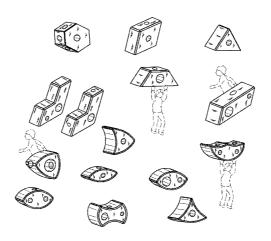


FIG. 29 is a front, left, top perspective view of a sixth part of the kit for play construction assembly of the present invention:

FIG. 30 is the front elevational view of FIG. 29, the rear elevational view being a mirror image thereof;

FIG. 31 is the right side elevational view of FIG. 29, the left side elevational view being a mirror image thereof;

FIG. 32 is the bottom plan view of FIG. 29;

FIG. 33 is the top plan view of FIG. 29;

FIG. 34 is a front, left, top perspective view of a seventh part of the kit for play construction assembly of the present invention:

FIG. 35 is the front elevational view of FIG. 34, the rear elevational view being a mirror image thereof;

FIG. 36 is the right side elevational view of FIG. 34, the left side elevational view being a mirror image thereof;

FIG. 37 is the top plan view of FIG. 34;

FIG. 38 is the bottom plan view of FIG. 34;

FIG. 39 is a front, left, top perspective view of a eighth part of the kit for play construction assembly of the present invention:

FIG. 40 is the front elevational view of FIG. 39, the rear elevational view being a mirror image thereof;

FIG. 41 is the side elevational view of FIG. 39;

FIG. 42 is the bottom plan view of FIG. 39, the top plan view being a mirror image thereof;

FIG. 43 is a front, left, top perspective view of a ninth part of the kit for play construction assembly of the present invention:

FIG. 44 is the top plan view of FIG. 43, the bottom plan view being a mirror image thereof;

FIG. 45 is the front elevational view of FIG. 43, the rear elevational view being a mirror image thereof;

FIG. **46** is the right side elevational view of FIG. **43**, the left side elevational view being a mirror image thereof;

FIG. 47 is a front, left, top perspective view of an tenth part of the kit for play construction assembly of the present invention;

FIG. 48 is the front elevational view of FIG. 47, the rear elevational view being a mirror image thereof;

FIG. **49** is the right side elevational view of FIG. **47**, the left side elevational view being a mirror image thereof;

FIG. **50** is the top plan view of FIG. **47**, the bottom plan view being a mirror image thereof;

FIG. **51** is a front, left, top perspective view of a eleventh part of the kit for play construction assembly of the present invention:

FIG. **52** is the front elevational view of FIG. **51**, the rear elevational view being a mirror image thereof;

FIG. **53** is the right side elevational view of FIG. **51**, the left side elevational view being a mirror image thereof;

FIG. **54** is the top plan view of FIG. **51**, the bottom plan view being a mirror image thereof;

FIG. **55** is a front, left, top, bottom perspective view of a twelfth part of the kit for play construction assembly of the present invention;

FIG. **56** is the front elevational view of FIG. **55**, the rear elevational view being a mirror image thereof;

FIG. 57 is the top plan view of FIG. 55, the bottom plan view being a mirror image thereof;

FIG. 58 is the left side elevational view of FIG. 55;

FIG. 59 is the right side elevational view of FIG. 55;

FIG. **60** is a front, left perspective view of an thirteenth part of the kit for play construction assembly of the present invention;

FIG. **61** is the front elevational view of FIG. **60**, the rear elevational view being a mirror image thereof;

FIG. **62** is the top plan view of FIG. **60**, the bottom plan view being a mirror image thereof;

FIG. 63 is the left side elevational view of FIG. 60;

FIG. 64 is the right side elevational view of FIG. 60;

FIG. **65** is a front, left perspective view of an fourteenth part of the kit for play construction assembly of the present invention;

FIG. **66** is the front elevational view of FIG. **65**, the rear elevational view being a mirror image thereof;

FIG. 67 is the left side elevational view of FIG. 65, the right side elevational view being a mirror image thereof;

FIG. 68 is the top plan view of FIG. 65

FIG. 69 is the bottom plan view of FIG. 65;

FIG. 70 is a front, left, top perspective view of a fifteenth part of the kit for play construction assembly of the present invention;

FIG. 71 is the front elevational view of FIG. 70, the rear elevational view being a mirror image thereof;

FIG. **72** is the left side elevational view of FIG. **70**, the right side elevational view being a mirror image thereof;

FIG. 73 is the top plan view of FIG. 70;

FIG. 74 is the bottom plan view of FIG. 70; and,

FIG. 75 is a perspective view of the entire assembly including all fifteen parts of the present invention. The broken lines in FIG. 75 represent the environment in which the articles reside and form no part of the claimed design.

Portions of the articles shown in broken lines form no part of the claimed design.

#### 1 Claim, 41 Drawing Sheets

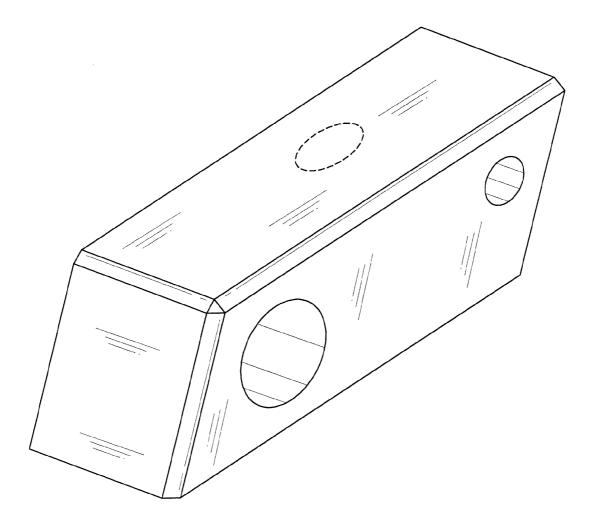
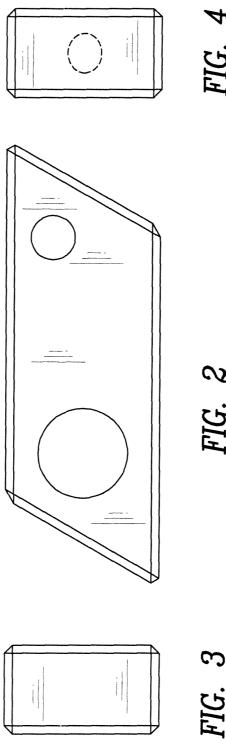


FIG. 1





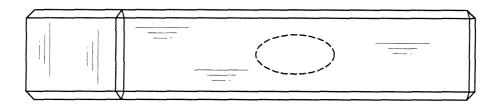
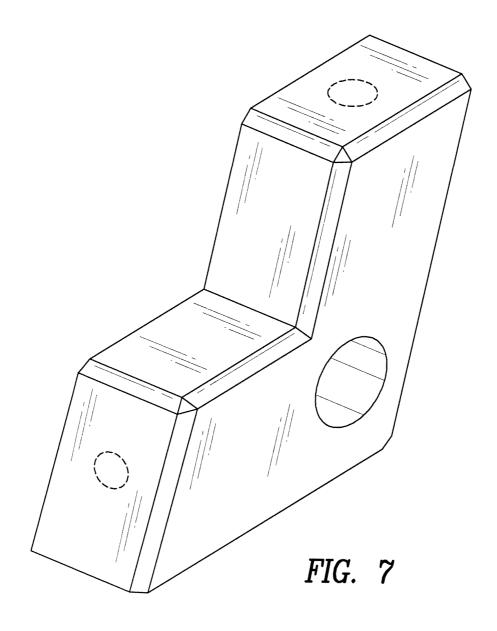
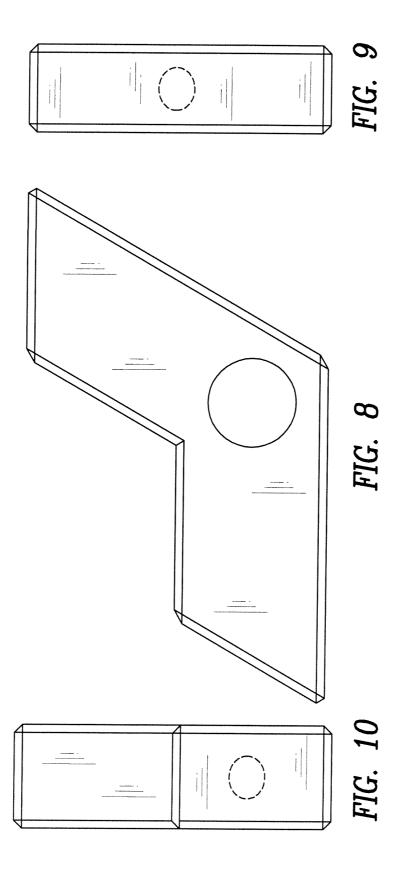


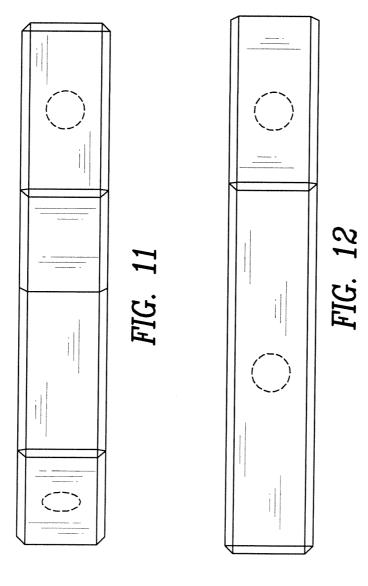
FIG. 5

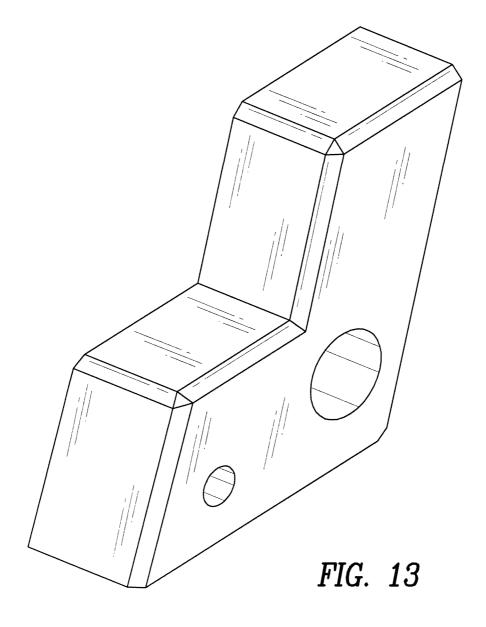


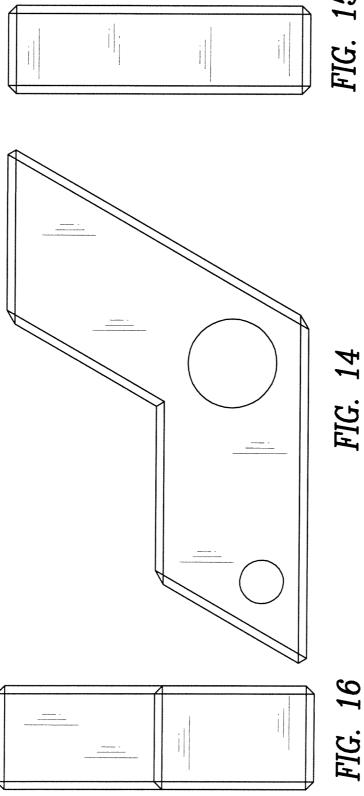
FIG. 6

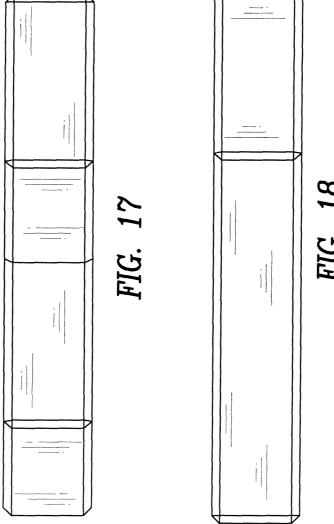












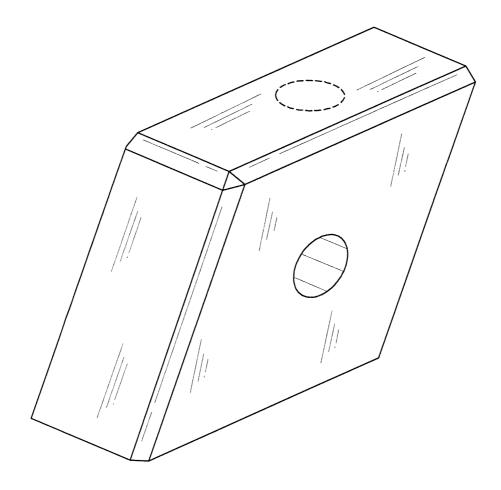


FIG. 19

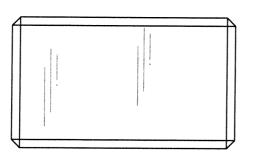


FIG. 21

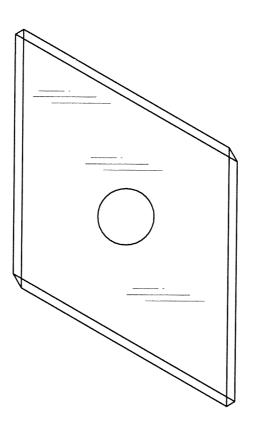


FIG. 20

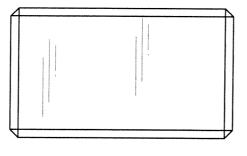
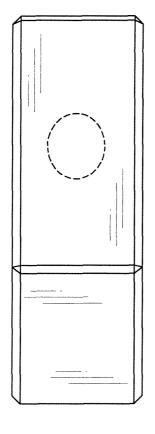
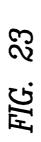


FIG. 2





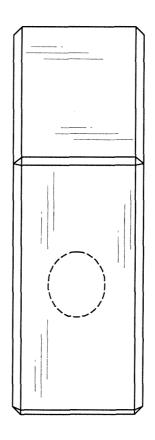


FIG. 24

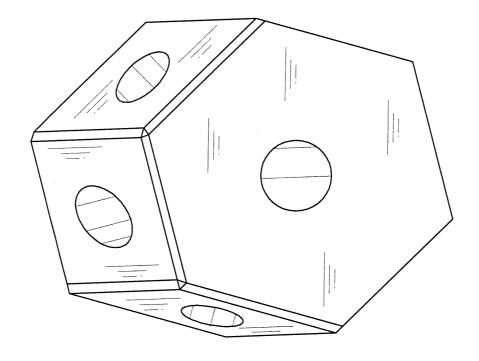


FIG. 25

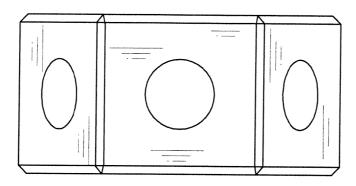
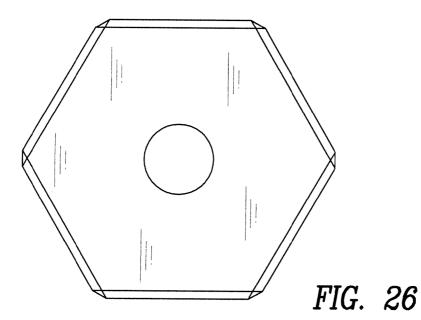


FIG. 27



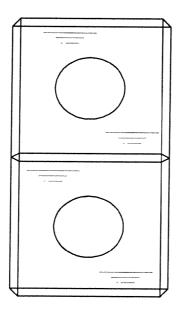


FIG. 28

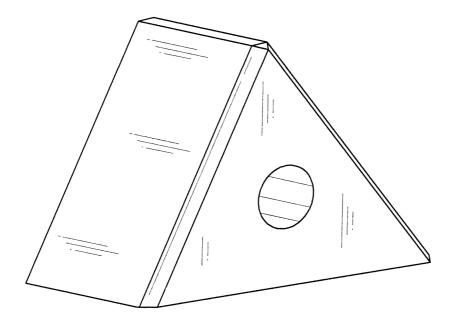
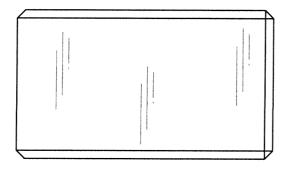
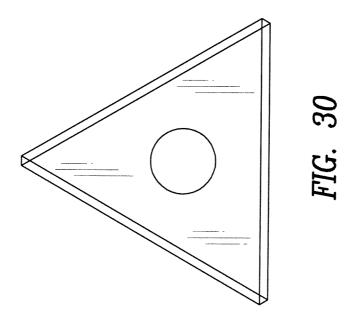


FIG. 29





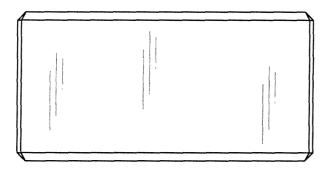


FIG. 32

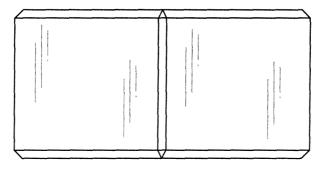


FIG. 33

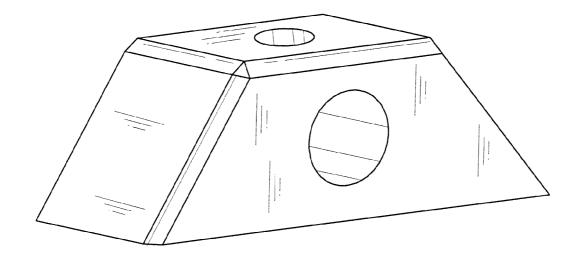
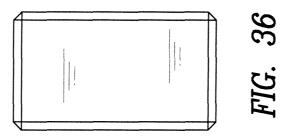
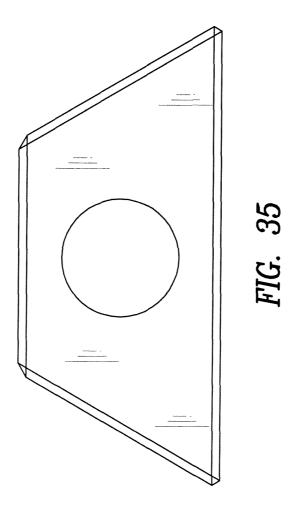
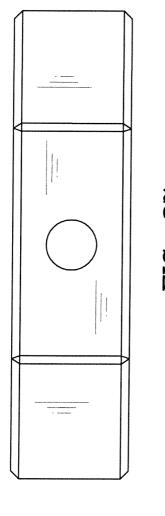


FIG. 34







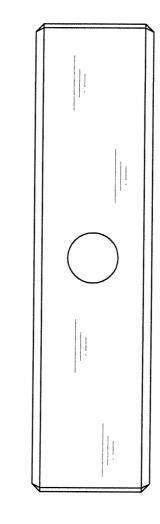


FIG. 38

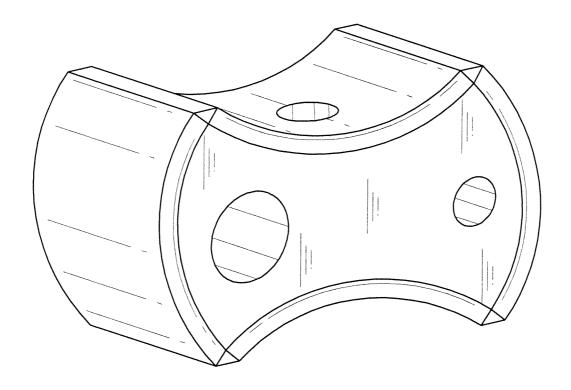


FIG. 39

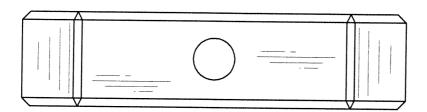


FIG. 42

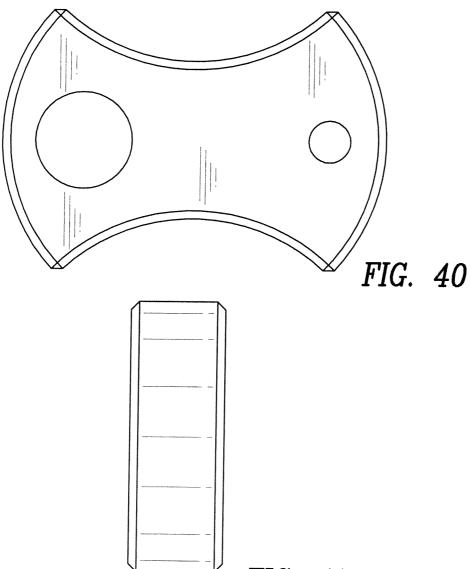


FIG. 41

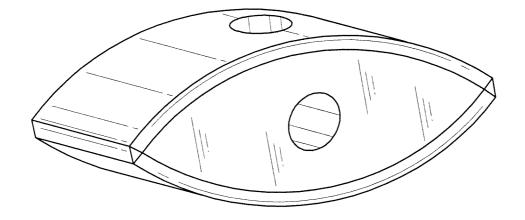


FIG. 43

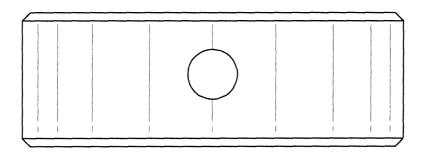


FIG. 44

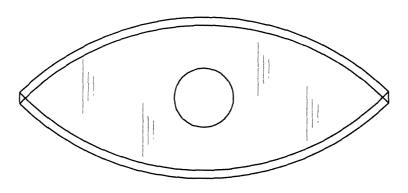


FIG. 45

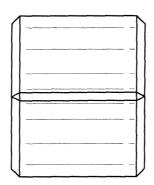


FIG. 46

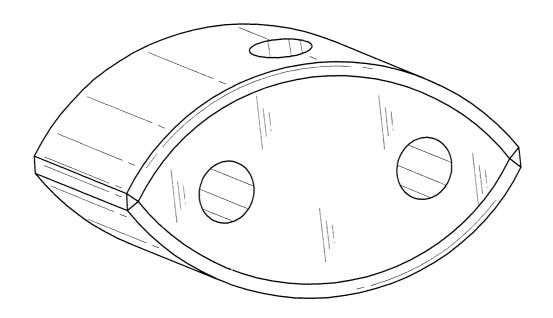


FIG. 47

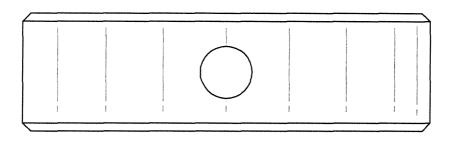
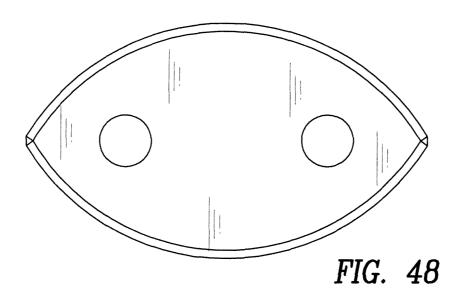


FIG. 50



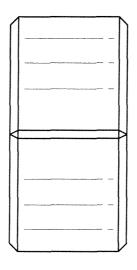


FIG. 49

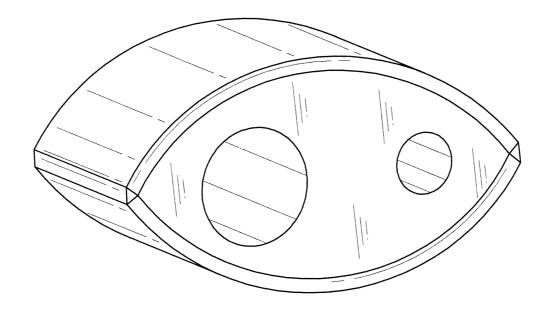


FIG. 51

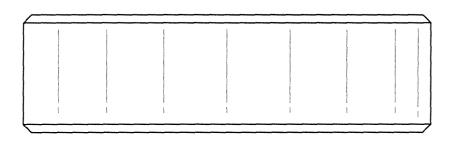
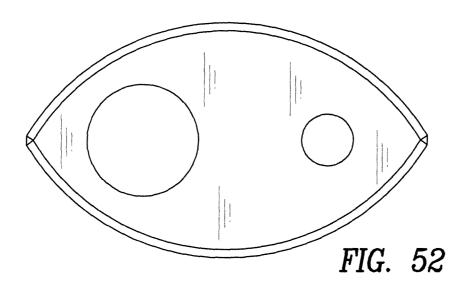


FIG. 54



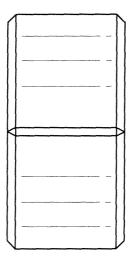


FIG. 53

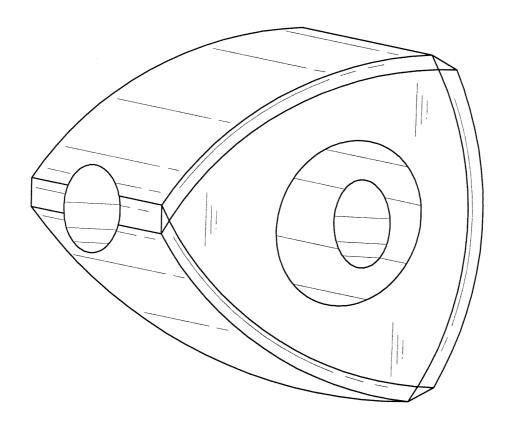


FIG. 55

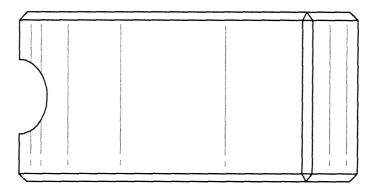


FIG. 57

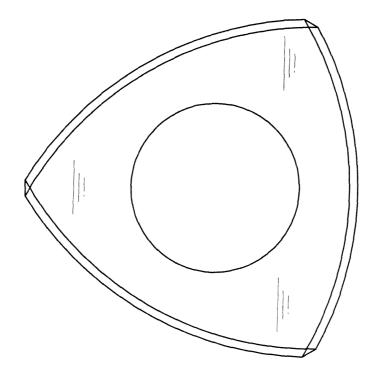
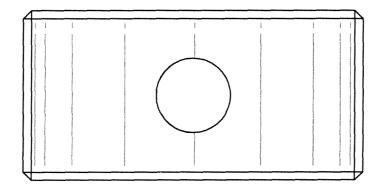
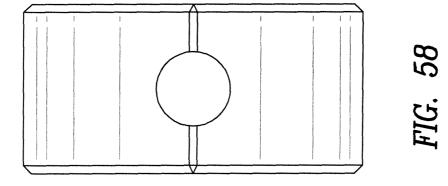


FIG. 56

FIG. 59





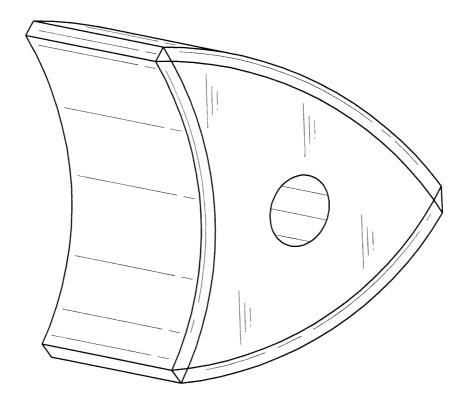


FIG. 60

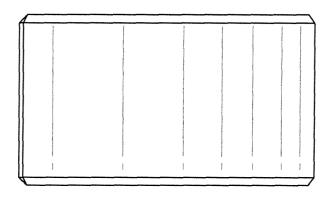


FIG. 62

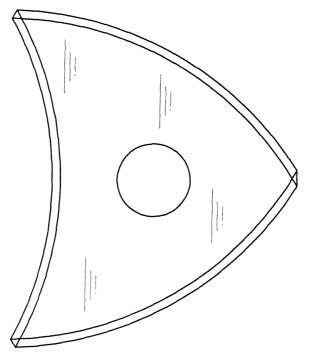
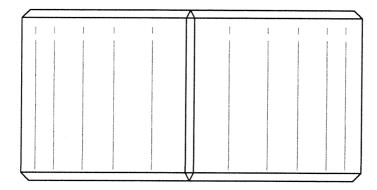
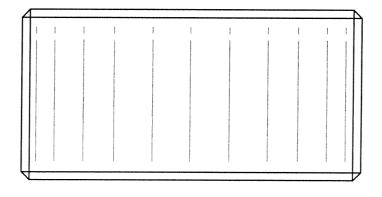


FIG. 61





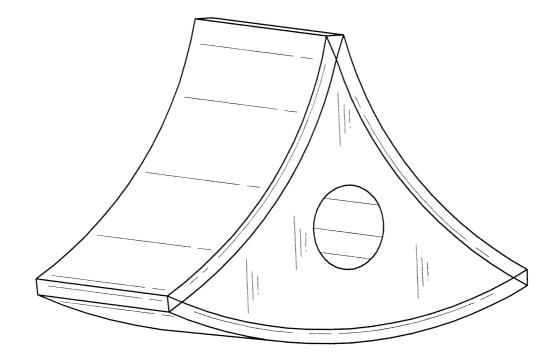


FIG. 65

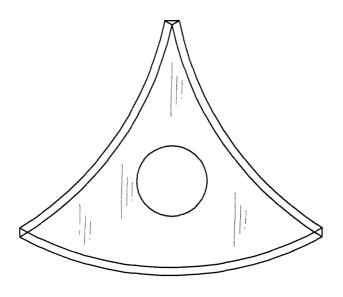


FIG. 66

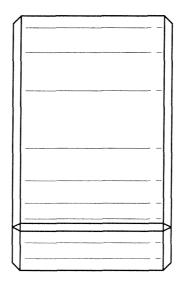


FIG. 67

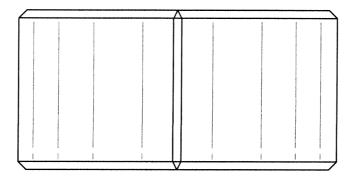


FIG. 68

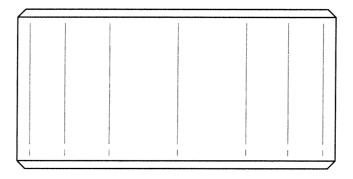


FIG. 69

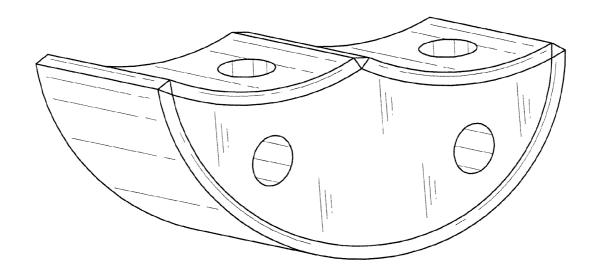


FIG. 70

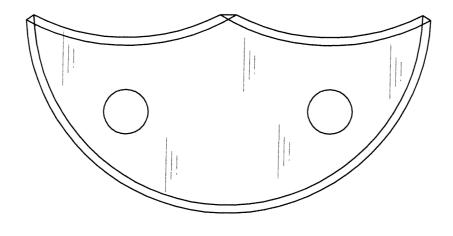


FIG. 71

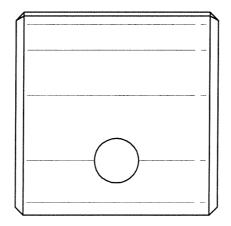


FIG. 72

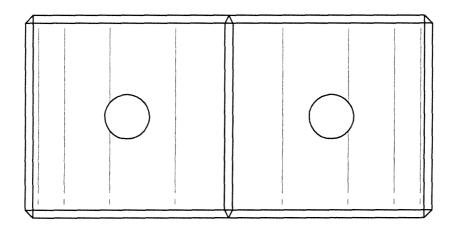


FIG. 73

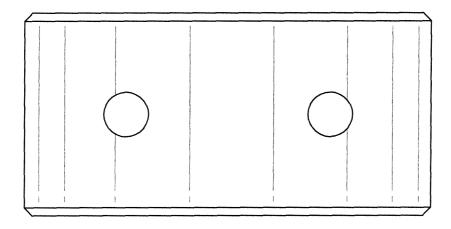


FIG. 74

