



US00D721142S

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

(10) **Patent No.:** **US D721,142 S**  
(45) **Date of Patent:** **\*\* Jan. 13, 2015**

(54) **GEOMETRIC MODELLING ELEMENT**

(75) Inventor: **James T. Ziegler**, Ontario (CA)

(73) Assignee: **Novation Design Inc.**, Burlington,  
Ontario (CA)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/404,151**

(22) Filed: **Oct. 17, 2011**

(30) **Foreign Application Priority Data**

Apr. 21, 2011 (CA) ..... 140269

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

(52) **U.S. Cl.**  
USPC ..... **D21/505**; D21/479

(58) **Field of Classification Search**  
USPC ..... D21/300, 386, 391, 468, 470, 478-480,  
D21/484, 489-504; D25/113, 138-164;  
D26/582-588; D19/59, 61, 62, 64;  
428/33, 44, 45; 434/81, 96, 128, 393,  
434/403, 406; 273/236, 264, 271-273, 275,  
273/276, 277, 282.1, 282.3, 288-291, 292,  
273/293, 153 R, 155, 156, 157 R; 446/71,  
446/75, 76, 79, 85, 92, 108-128, 487;  
52/311.1, 311.2, 589.1-592.6;  
D6/582-588

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,532,875 A \* 4/1925 Brown ..... 273/294  
1,880,130 A \* 9/1932 Goldbach ..... 273/156  
2,057,942 A \* 10/1936 Fay ..... 446/112  
D234,706 S \* 4/1975 Harvey ..... D21/489  
4,055,019 A \* 10/1977 Harvey ..... 446/115  
4,731,041 A \* 3/1988 Ziegler ..... 446/115  
4,874,341 A \* 10/1989 Ziegler ..... 446/109

4,976,652 A 12/1990 Schwartz  
5,067,714 A \* 11/1991 Rasberry ..... 273/157 R  
5,097,645 A \* 3/1992 Sanderson ..... 52/655.1  
5,100,358 A \* 3/1992 Volgger ..... 446/104  
5,368,301 A 11/1994 Mitchell  
D353,415 S \* 12/1994 Mitchell ..... D21/480  
5,372,450 A \* 12/1994 Blodgett ..... 403/171  
5,400,918 A \* 3/1995 Prodaniuk ..... 220/677  
5,895,045 A 4/1999 Vilar  
D409,668 S \* 5/1999 Madner ..... D21/484  
6,179,681 B1 1/2001 Matos  
6,186,855 B1 \* 2/2001 Bauer et al. .... 446/104  
6,718,709 B2 \* 4/2004 Koutras et al. .... 52/285.1  
7,833,077 B1 \* 11/2010 Simmons, Jr. .... 446/85  
2005/0014441 A1 1/2005 Matos  
2005/0106989 A1 \* 5/2005 Rincover ..... 446/85  
2005/0287906 A1 12/2005 He

**FOREIGN PATENT DOCUMENTS**

CA 2 214 697 9/1997  
EP 0 427 523 A2 11/1990  
GB 1 222 549 5/1968  
WO D039608-015 \* 5/1997  
WO WO 98/23347 6/1998

\* cited by examiner

*Primary Examiner* — Catherine Tuttle

(74) *Attorney, Agent, or Firm* — Flynn, Thiel, Boutell &  
Tanis, P.C.

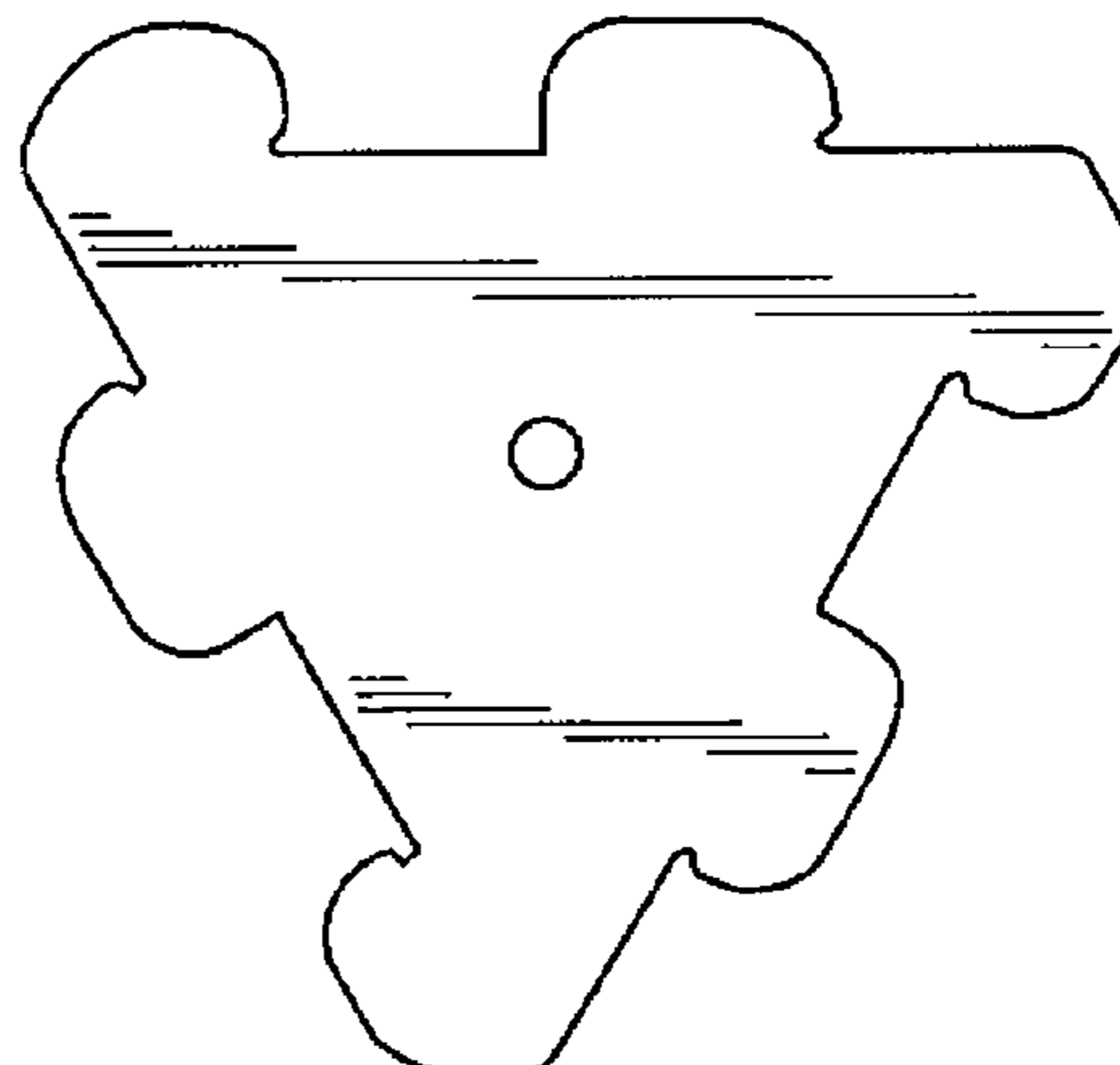
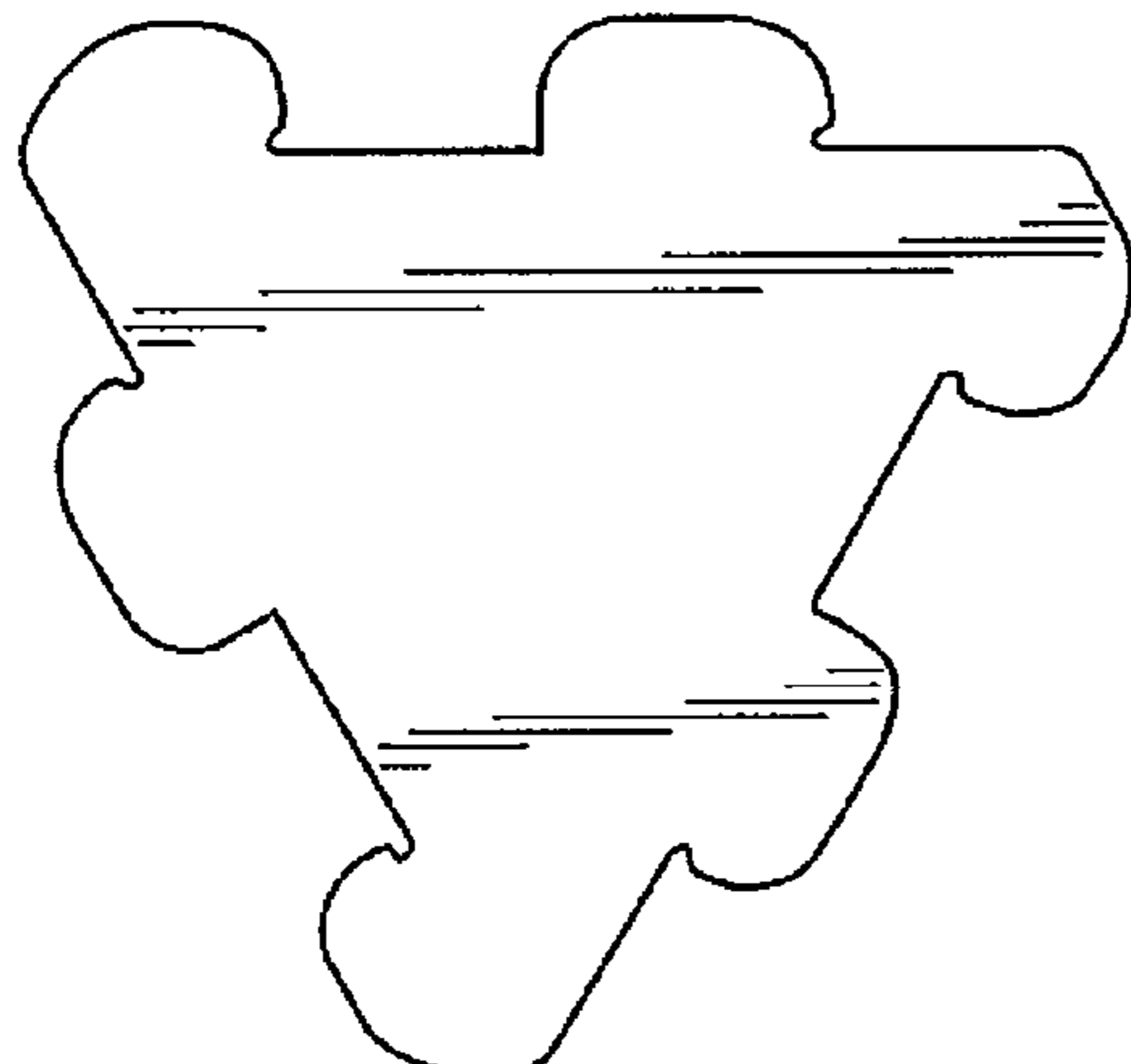
(57) **CLAIM**

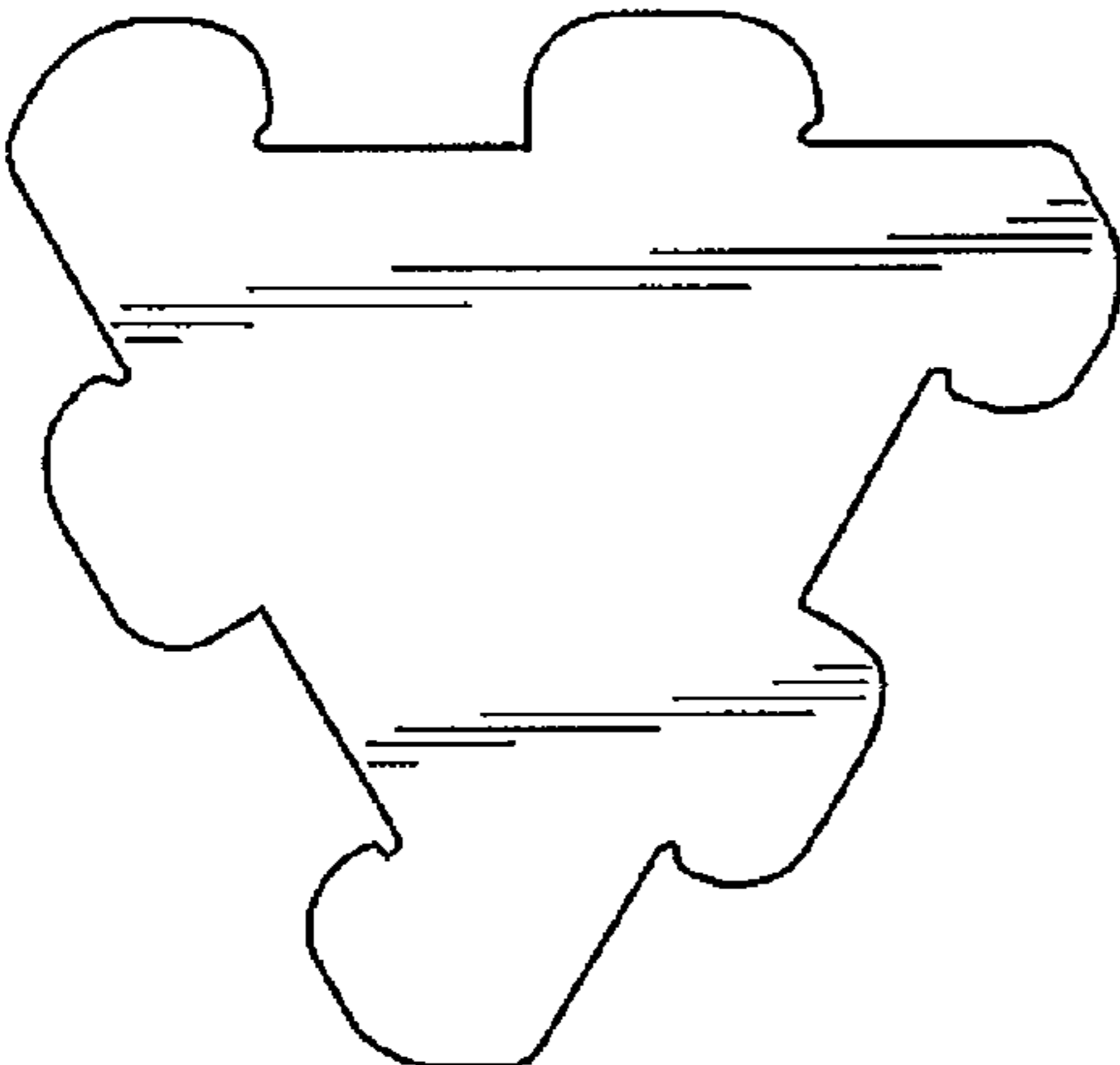
The ornamental design for the geometric modelling element,  
as shown and described.

**DESCRIPTION**

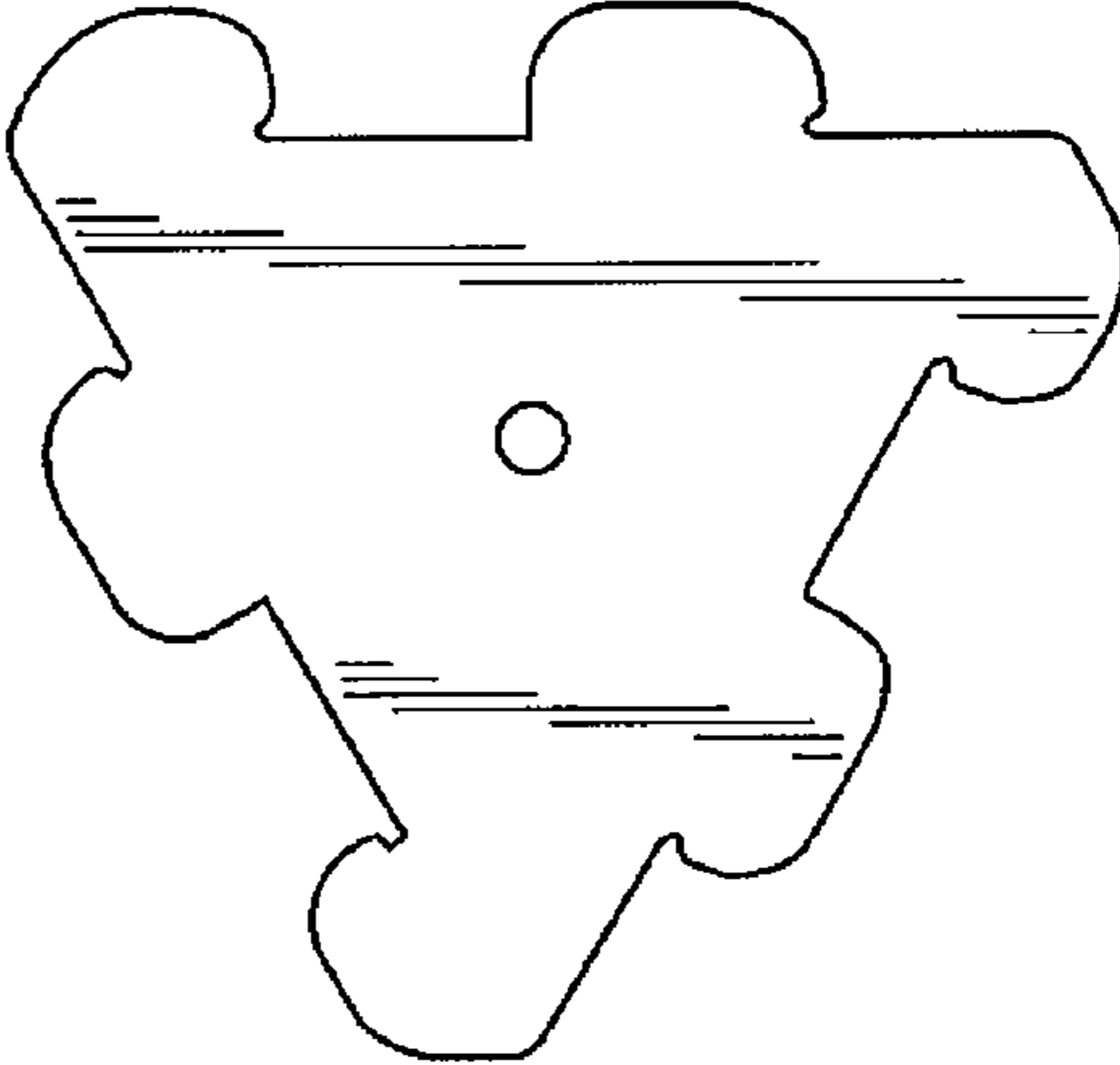
FIG. 1 is a plan view showing my new design for a geometric  
modeling element; and,  
FIG. 2 is a plan view showing a second embodiment of my  
new design including a central hole.  
In each embodiment, the opposing plan views are mirror  
images of one another; and the thickness minimal.

**1 Claim, 1 Drawing Sheet**





**FIG. 1**



**FIG. 2**