



US00D808443S

(12) **United States Design Patent** (10) **Patent No.:** **US D808,443 S**  
**Williams** (45) **Date of Patent:** **\*\* Jan. 23, 2018**

(54) **INDUSTRIAL TOOL INSERT**(71) Applicant: **Good Earth Tools, Inc.**, Crystal City, MO (US)(72) Inventor: **Edward E. Williams**, St. Louis, MO (US)(73) Assignee: **Good Earth Tools, Inc.**, Crystal City, MO (US)(\*\*) Term: **15 Years**(21) Appl. No.: **29/557,507**(22) Filed: **Mar. 9, 2016**(51) LOC (11) Cl. .... **15-03**

(52) U.S. Cl.

USPC ..... **D15/28; D15/29**(58) **Field of Classification Search**USPC ..... D15/11, 19, 20, 21, 28, 29; 404/133.05;  
172/719; 104/10-14CPC ..... E01B 27/16; E01B 27/12; E01B 27/00;  
E01B 2203/12

See application file for complete search history.

(56) **References Cited**

## U.S. PATENT DOCUMENTS

1,452,990 A *	4/1923	Taylor	E01B 27/12 404/133.1
3,273,222 A	9/1966	Begle	
3,581,664 A *	6/1971	Kruse	E01B 27/16 104/10
3,971,323 A *	7/1976	Beiswenger	E01B 27/12 104/10
3,998,165 A	12/1976	Jaeggi	
4,062,291 A *	12/1977	Vick	E01B 27/16 104/10
4,068,594 A *	1/1978	Crowell	E01B 27/16 104/10

4,160,419 A *	7/1979	Stewart	E01B 27/16 104/10
4,167,141 A *	9/1979	Haywood	B25D 17/02 104/10
4,404,913 A	9/1983	Theurer	
4,445,438 A	5/1984	Theurer et al.	
4,501,200 A	2/1985	Delucia	
4,563,953 A	1/1986	Theurer	
D283,328 S *	4/1986	Johansson	D15/28
4,903,609 A *	2/1990	Isakov	E01B 27/16 104/10
4,922,828 A	5/1990	Theurer et al.	
4,996,925 A *	3/1991	Biermann	E01B 27/16 104/10
5,048,425 A	9/1991	Theurer	
5,125,145 A *	6/1992	Williams	B25B 27/026 29/252

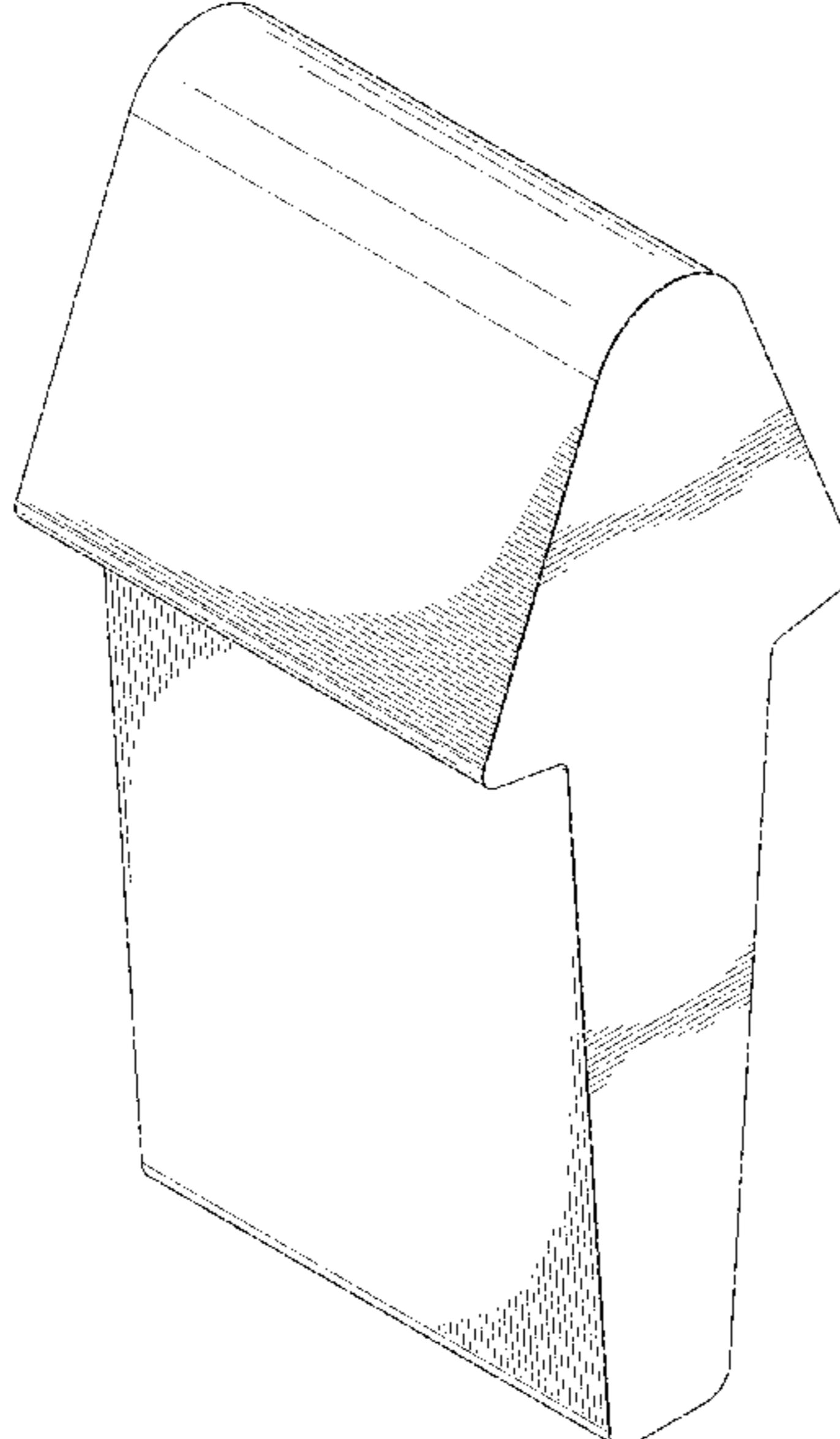
(Continued)

*Primary Examiner* — Mark Goodwin*(74) Attorney, Agent, or Firm* — Gardere Wynne Sewell LLP(57) **CLAIM**

The ornamental design for an industrial tool insert, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an industrial tool insert; FIG. 2 is a front elevation view of the industrial tool insert, the rear elevation view is a mirror image thereof; FIG. 3 is a right side elevation view of the industrial tool insert, the left side elevation view is a mirror image thereof; FIG. 4 is a top plan view of the industrial tool insert; and, FIG. 5 is a bottom plan view of the industrial tool insert. The illustrated industrial tool insert may be used with any industrial tool, for example a tamping tool. The illustrated industrial tool insert may be formed of any wear resistant material, such as a ceramic material, a wear-proof metal alloy, a specialty metal alloy, or a carbide material, for example tungsten carbide.

**1 Claim, 4 Drawing Sheets**

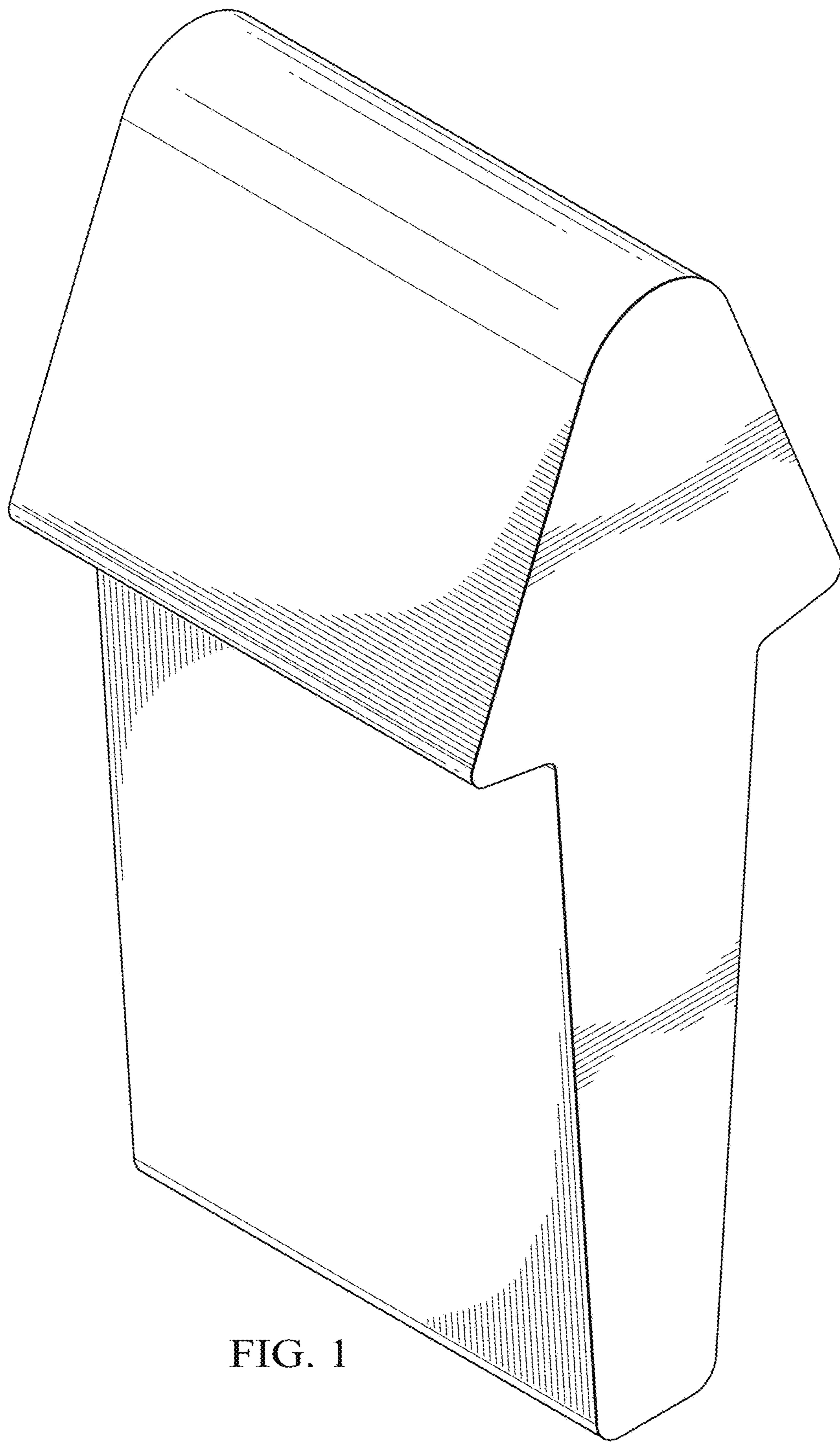
(56)

**References Cited**

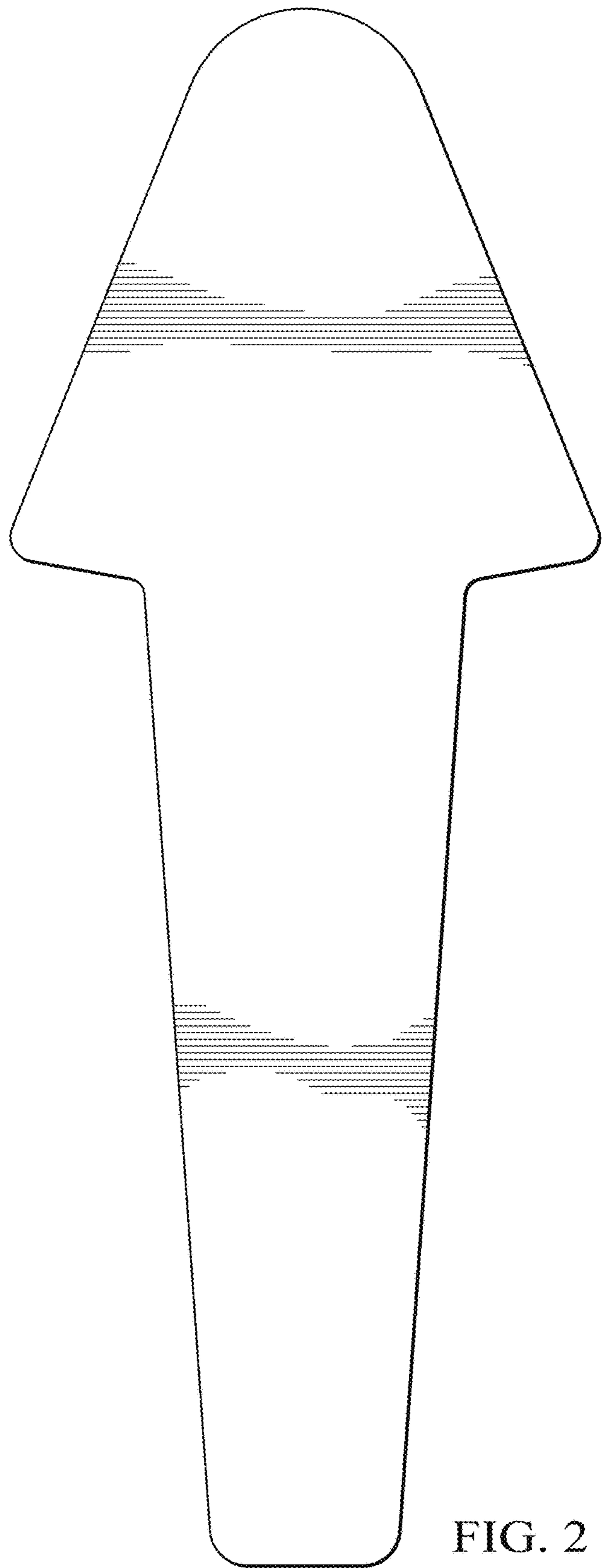
**U.S. PATENT DOCUMENTS**

- 5,224,555 A 7/1993 Bain et al.  
5,261,763 A \* 11/1993 Crowell ..... E01B 27/16  
104/10  
5,533,455 A 7/1996 Theurer et al.  
5,924,204 A 7/1999 Lane  
6,877,931 B2 \* 4/2005 Theurer ..... E01B 27/16  
104/10  
6,925,940 B2 \* 8/2005 Ruban ..... E01B 27/16  
104/10  
7,013,812 B2 \* 3/2006 Williams ..... E01B 27/16  
104/10  
7,325,496 B2 \* 2/2008 Williams ..... E01B 27/16  
104/10  
7,726,246 B2 \* 6/2010 Williams ..... E01B 27/16  
104/10  
9,238,892 B2 \* 1/2016 Theurer ..... E01B 27/13  
2002/0051682 A1 \* 5/2002 Gevik ..... E01B 27/16  
404/133.05

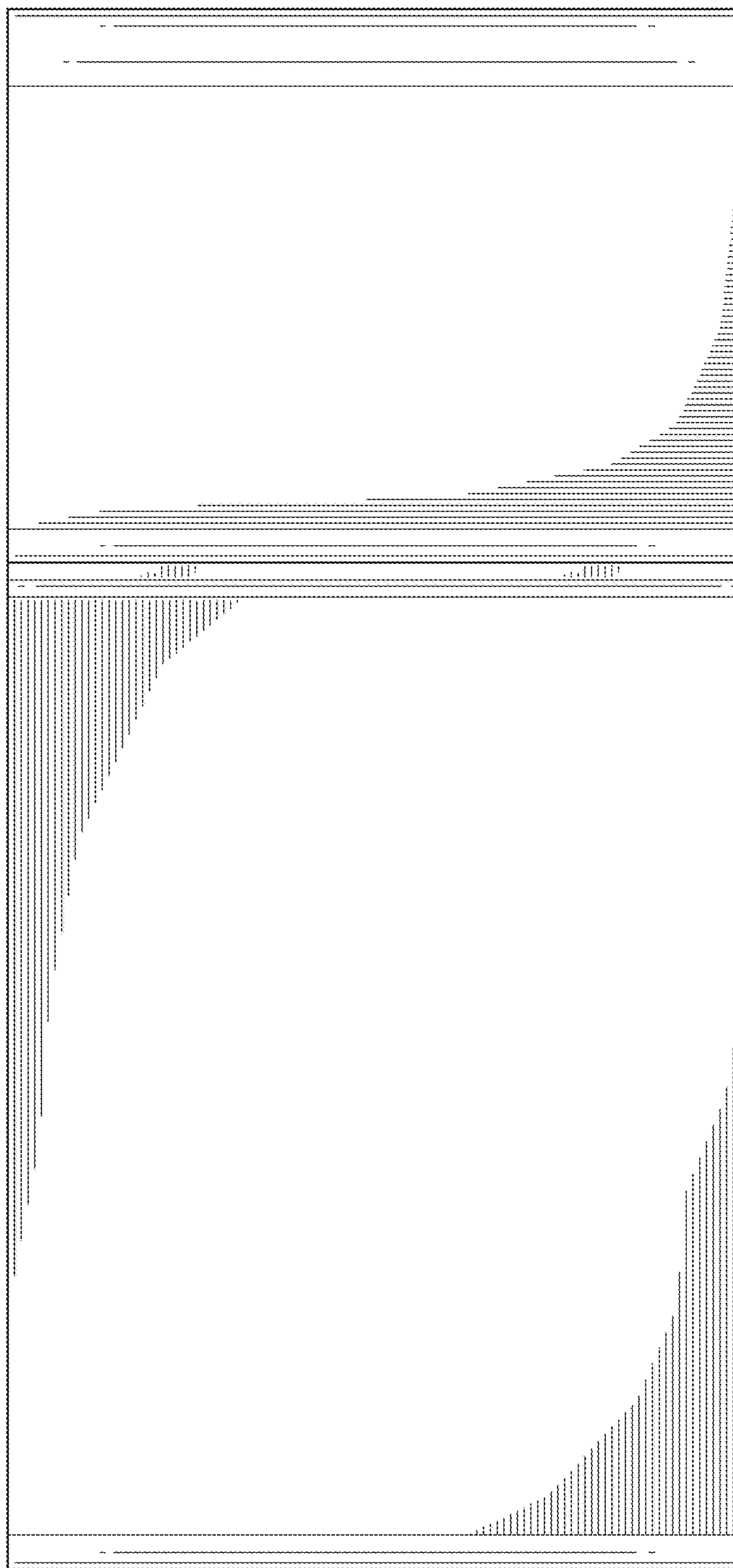
\* cited by examiner



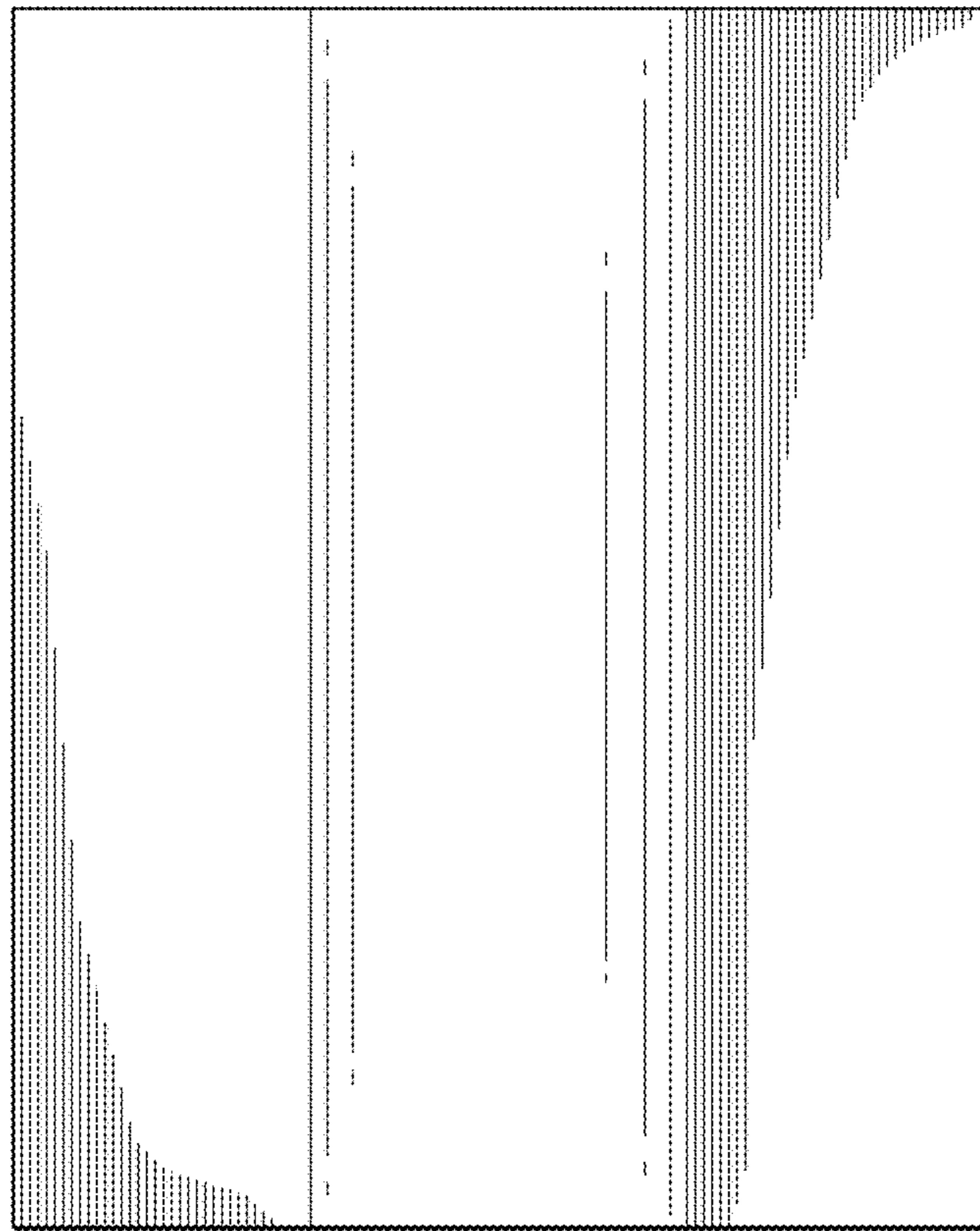
**FIG. 1**



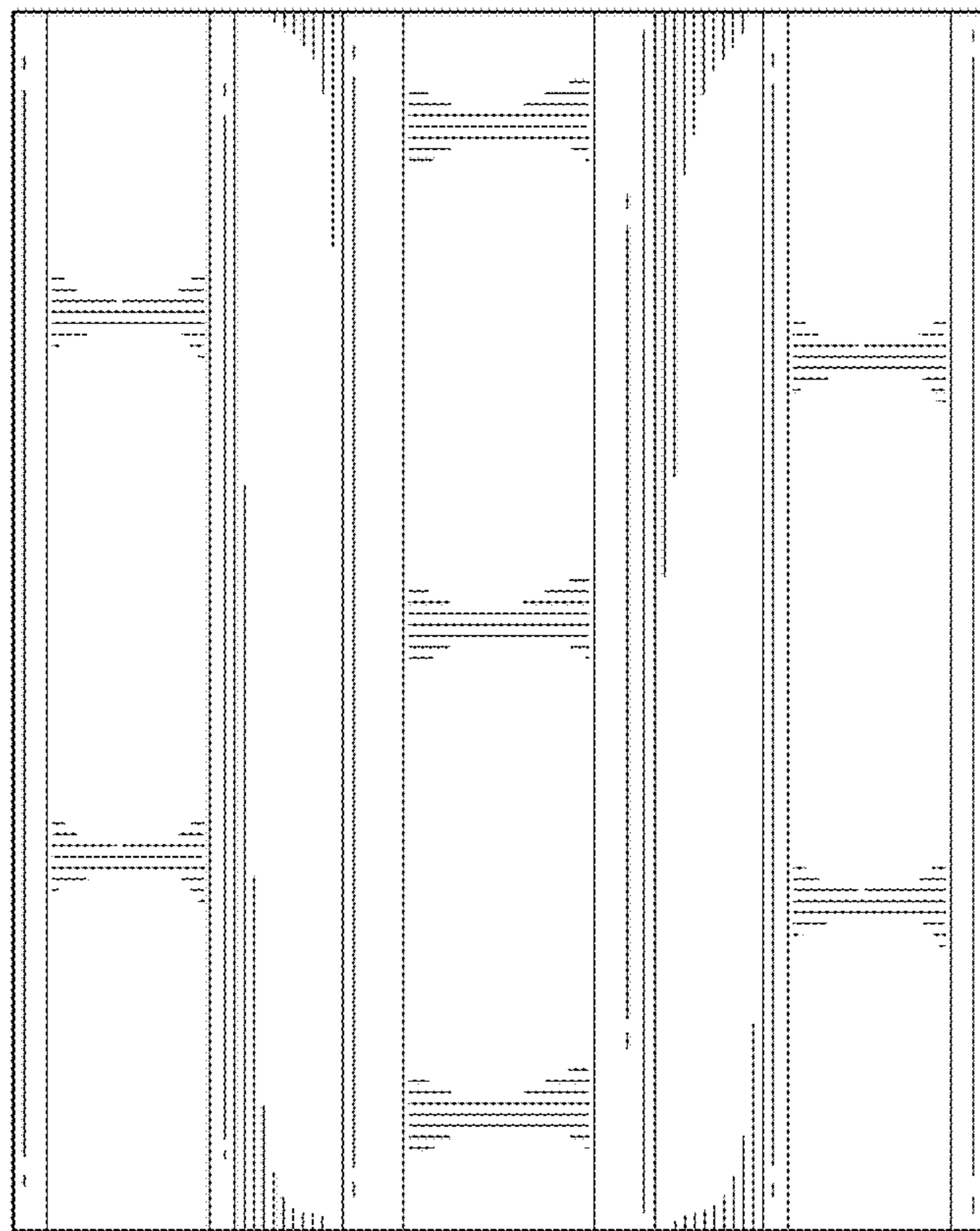
**FIG. 2**



**FIG. 3**



**FIG. 4**



**FIG. 5**