

US00D669243S

(12) **United States Design Patent**  
**Kirschner et al.**

(10) **Patent No.:** **US D669,243 S**  
(45) **Date of Patent:** **\*\* Oct. 16, 2012**

(54) **CONVEYOR BELT SCRAPER**  
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(73) Assignee: **Cabin Creek, Inc.**, Triadelphia, WV (US)

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

(21) Appl. No.: **29/417,795**

(22) Filed: **Apr. 9, 2012**

**Related U.S. Application Data**

(60) Division of application No. 29/387,317, filed on Mar. 11, 2011, now Pat. No. Des. 657,525, and a continuation of application No. 13/045,151, filed on Mar. 10, 2011.

(51) **LOC (9) Cl.** ..... **12-05**

(52) **U.S. Cl.** ..... **D34/35**

(58) **Field of Classification Search** ..... D34/35,  
D34/29; 198/497, 499  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,962,845	A	10/1990	Gibbs	
5,197,587	A	3/1993	Malmberg	
D347,918	S	6/1994	Gibbs	
5,573,102	A *	11/1996	Puchalla	..... 198/497
5,647,476	A	7/1997	Veenhof	
5,692,595	A	12/1997	Gilbert	
5,797,477	A	8/1998	Veenhof	
5,979,638	A	11/1999	Wiggins	
6,279,727	B1	8/2001	Waalkes et al.	
6,315,105	B1	11/2001	Gibbs et al.	
6,619,469	B2	9/2003	Malmberg	
D482,508	S	11/2003	DeVries	
6,843,363	B2	1/2005	Schwarze	

6,929,112	B2	8/2005	Hall
6,948,609	B2	9/2005	Finger et al.
6,991,088	B1	1/2006	Smith et al.
7,004,304	B1	2/2006	Smith et al.
7,007,794	B2	3/2006	Waters et al.
7,051,862	B1	5/2006	Smith et al.
D524,009	S	6/2006	Smith et al.
7,083,040	B2	8/2006	Finger et al.
7,225,916	B2	6/2007	Yoshizako et al.
D547,523	S	7/2007	Swinderman
7,370,750	B2	5/2008	Swinderman
7,383,940	B1	6/2008	Stumpf, Jr. et al.
7,428,960	B2	9/2008	Hall

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 0847942 A1 6/1998

(Continued)

**OTHER PUBLICATIONS**

“Blue Max Belt Scraper”; Cabin Creek Brochure; Oct. 19, 2009; 3 pages; Triadelphia, West Virginia.

*Primary Examiner* — Cynthia Ramirez

(74) *Attorney, Agent, or Firm* — The Webb Law Firm

(57) **CLAIM**

The ornamental design for a conveyor belt scraper, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of conveyor belt scraper showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a right side view thereof;

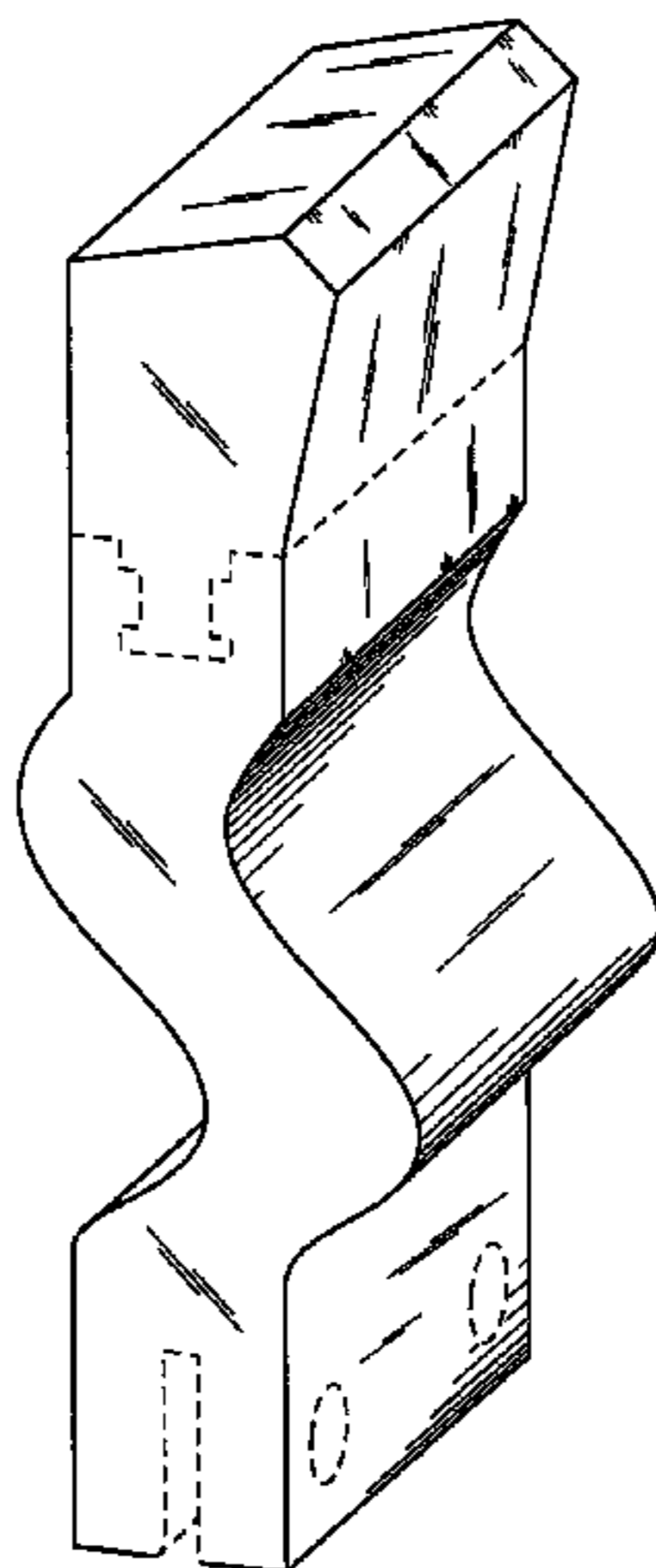
FIG. 5 is a left side view thereof;

FIG. 6 is top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines presented throughout the figures are environmental only and are not part of the claimed design.

**1 Claim, 5 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

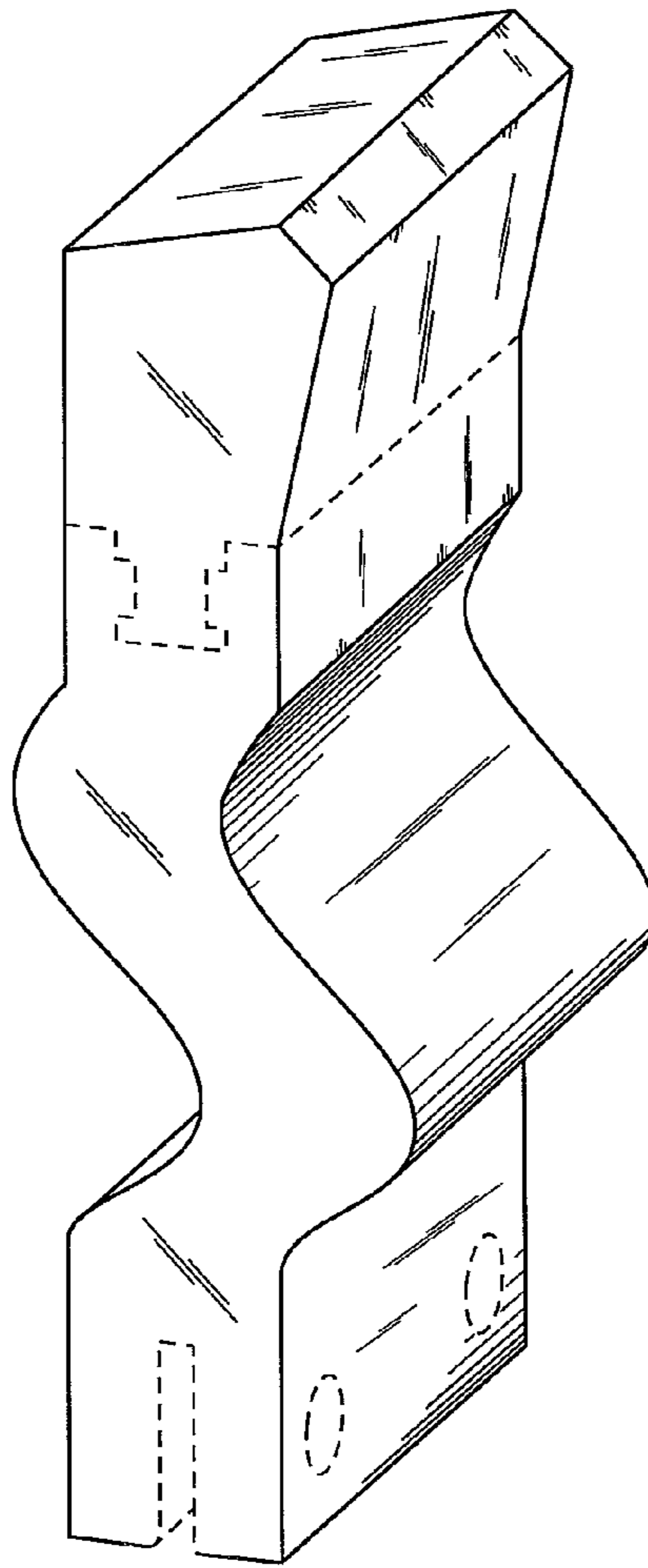
D594,623 S 6/2009 Felton  
7,549,532 B2 6/2009 Ostman  
7,556,140 B2 7/2009 Swinderman et al.  
D632,045 S 2/2011 Kotze  
D657,525 S \* 4/2012 Kirschner et al. .... D34/35  
2004/0188224 A1 9/2004 Kolodziej et al.  
2008/0053791 A1 3/2008 Swinderman et al.  
2008/0179168 A1 \* 7/2008 Swinderman ..... 198/499  
2009/0053791 A1 2/2009 Schultz et al.

2009/0078538 A1 3/2009 Swinderman et al.  
2009/0078539 A1 3/2009 Swinderman et al.  
2009/0133990 A1 \* 5/2009 Metzner ..... 198/497  
2009/0294252 A1 \* 12/2009 Swinderman et al. .... 198/497  
2010/0126832 A1 \* 5/2010 Devries ..... 198/497

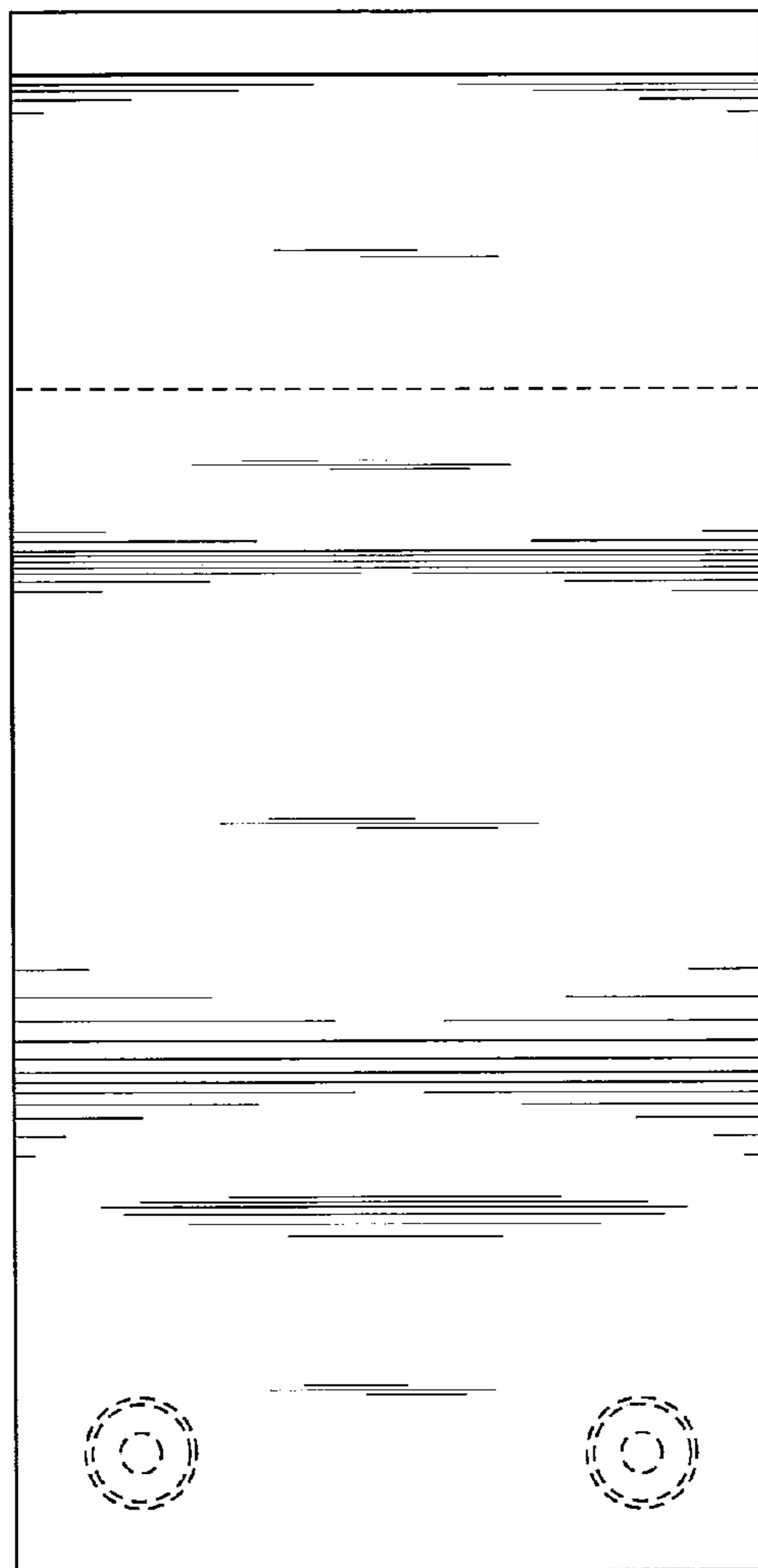
## FOREIGN PATENT DOCUMENTS

WO 03074393 A1 9/2003

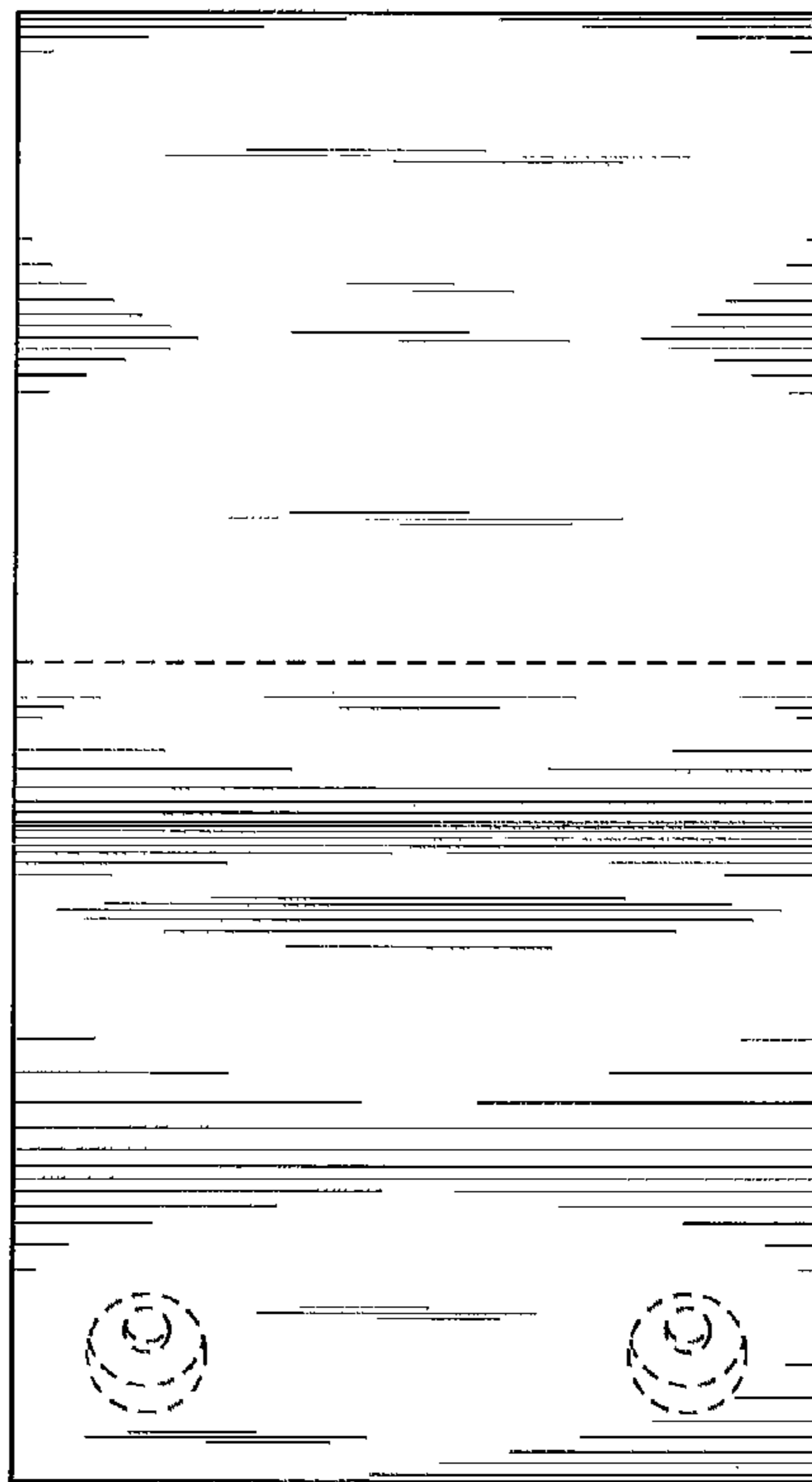
\* cited by examiner



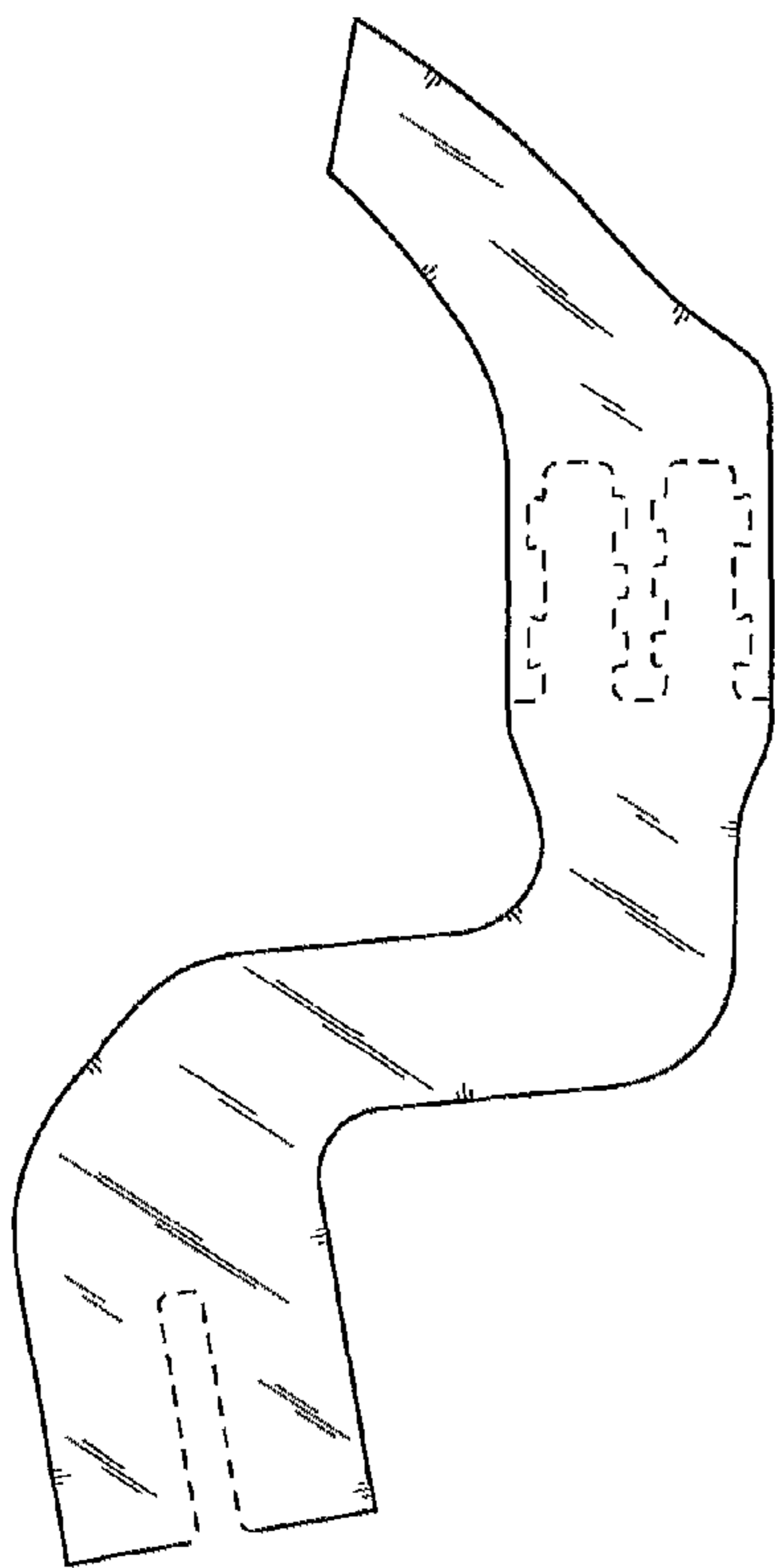
**FIG. 1**



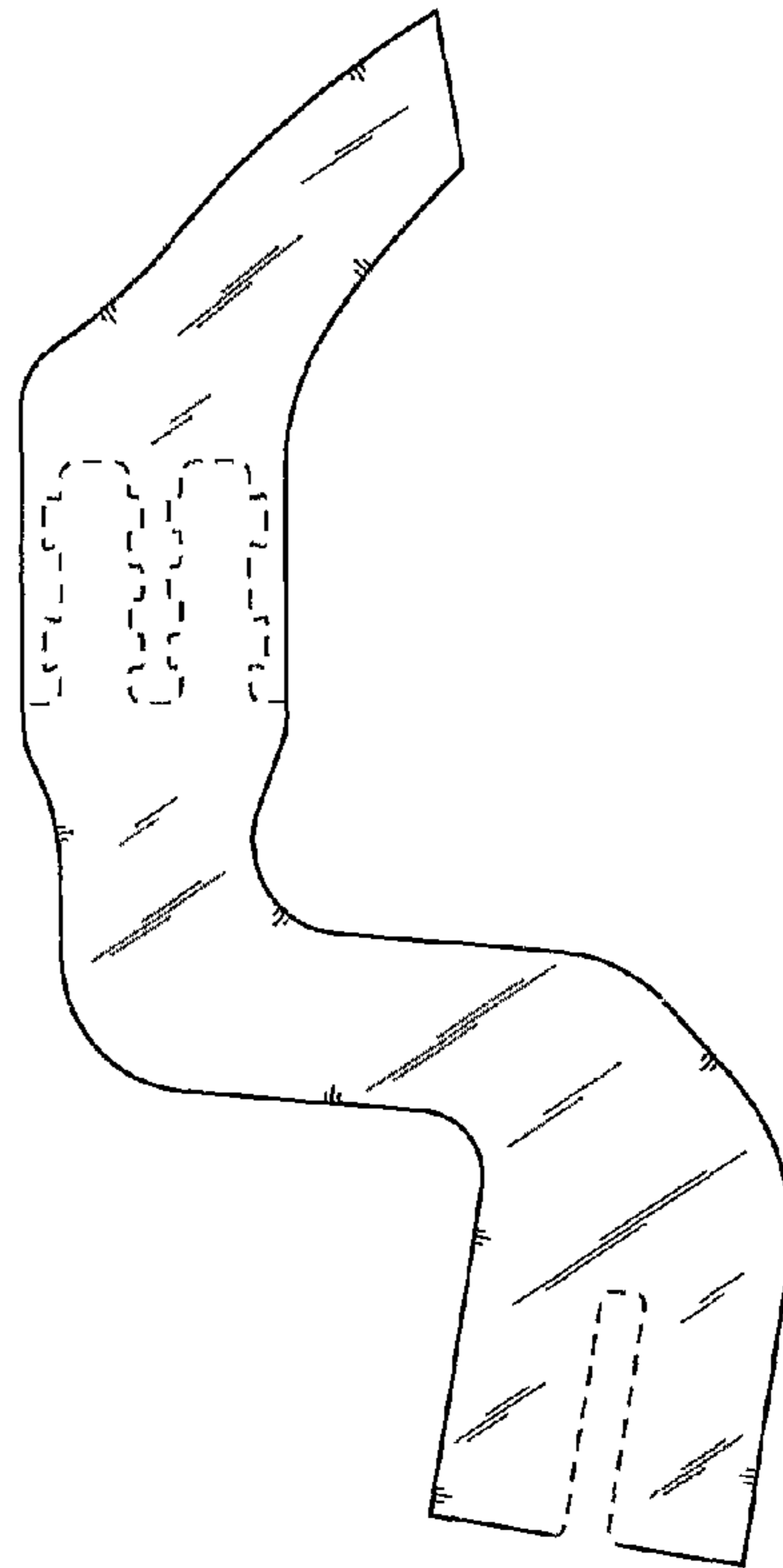
**FIG. 2**



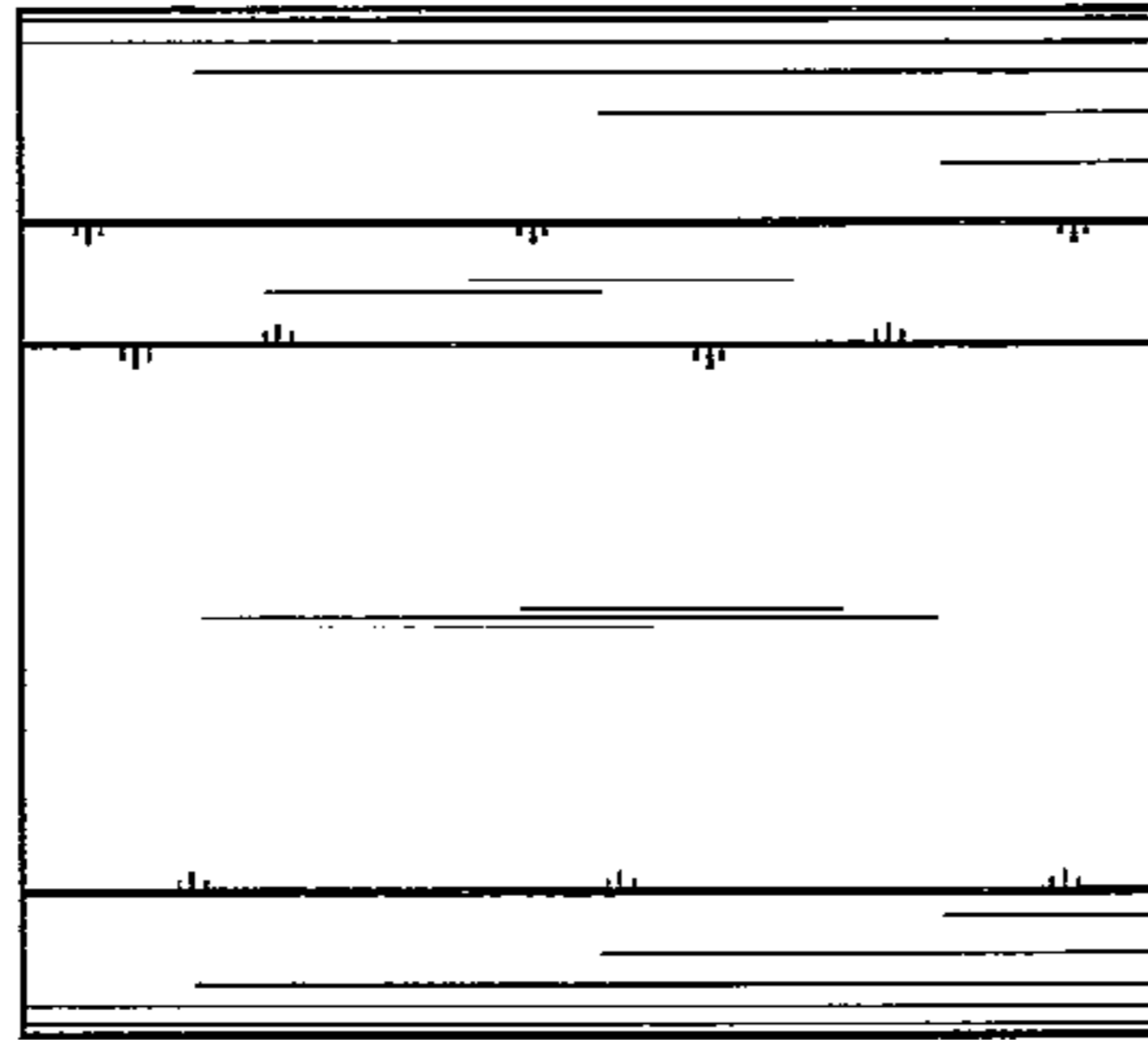
**FIG. 3**



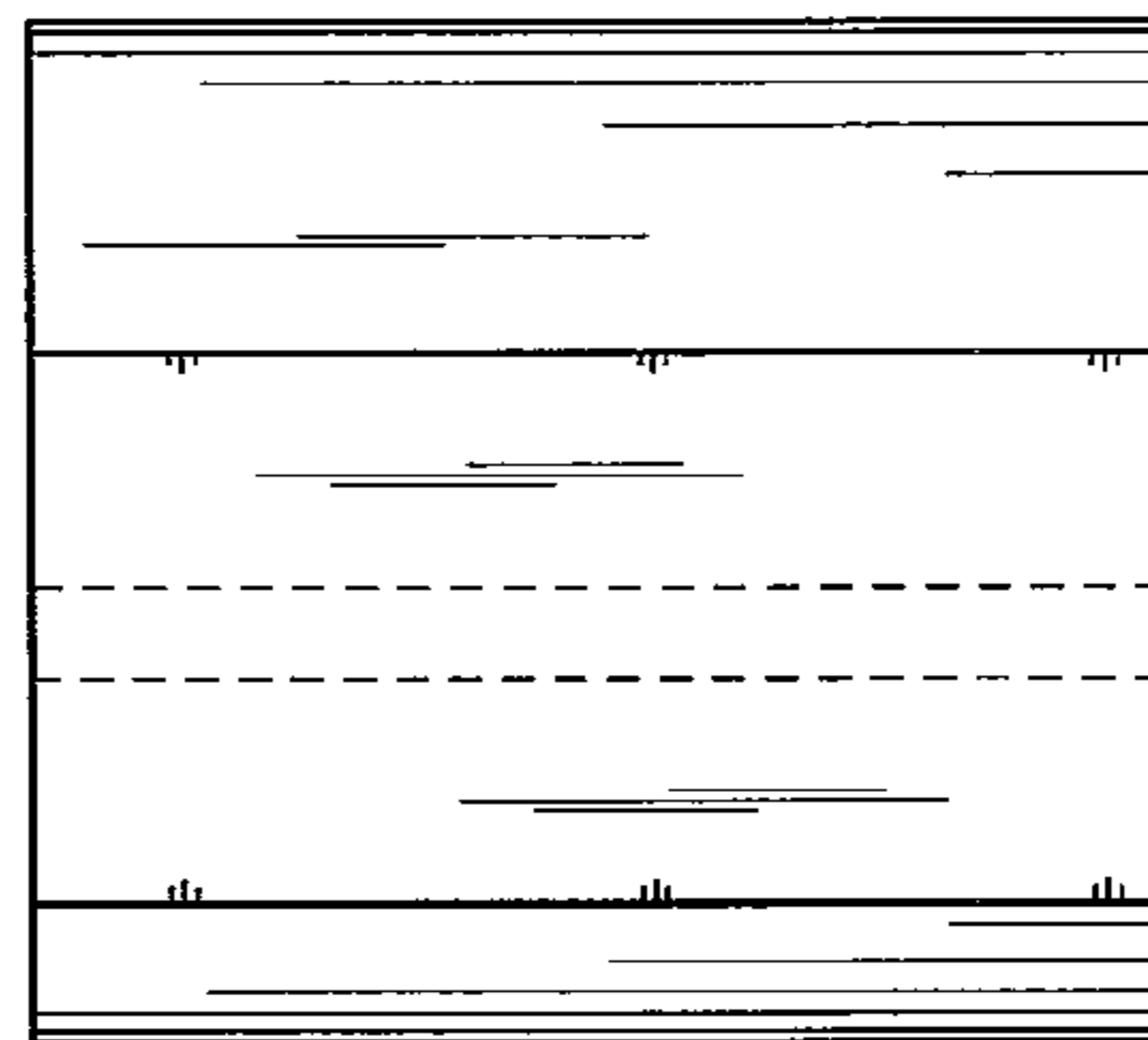
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D669,243 S  
APPLICATION NO. : 29/417795  
DATED : October 16, 2012  
INVENTOR(S) : James B. Kirschner et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Face of the Patent, Column 1, Related U.S. Application Data, insert -- Provisional application No. 61/383,575, filed on Sep. 16, 2010. --

Face of the Patent, Column 1, Related U.S. Application Data, insert -- Provisional application No. 61/313,320, filed on March 12, 2010. --

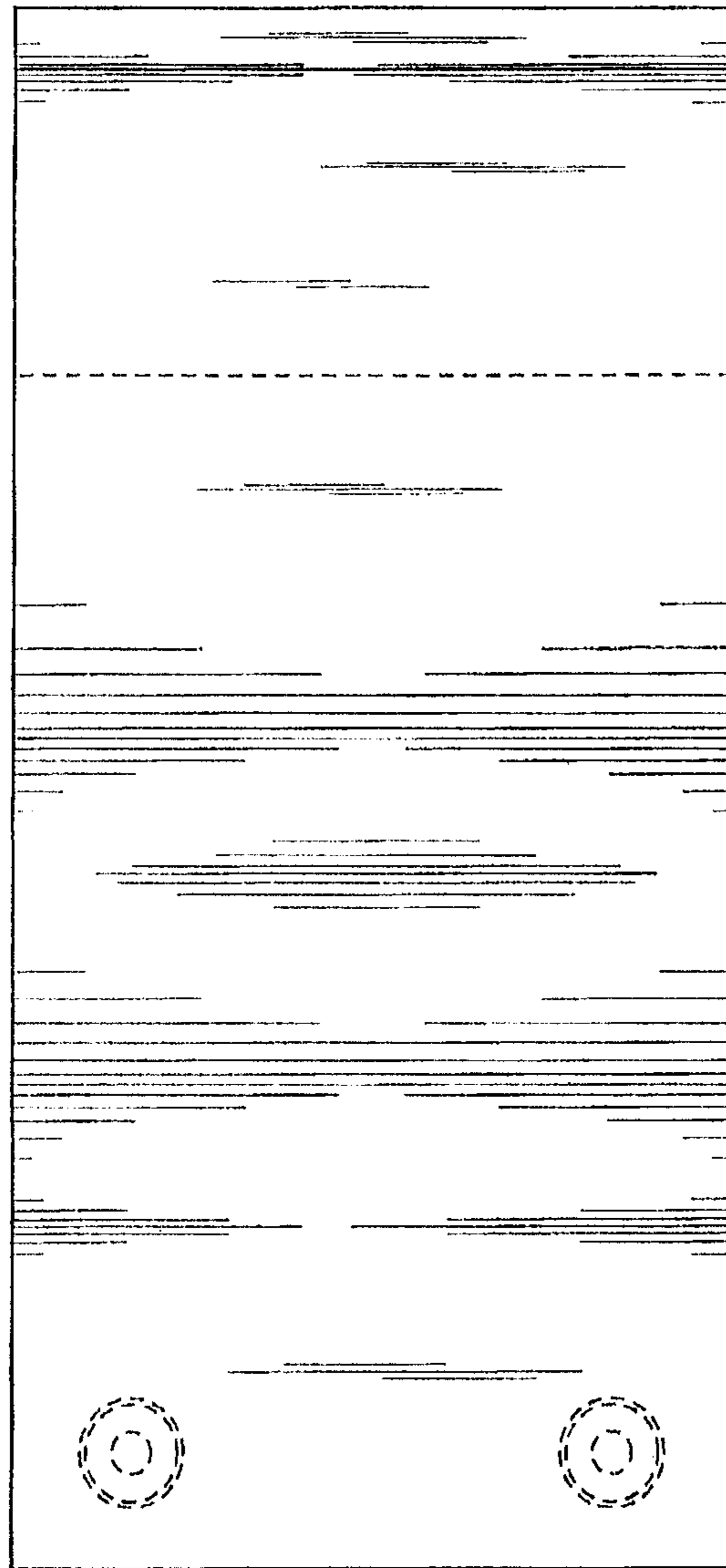
Delete Drawing Sheets 3 and 4 and substitute therefore the attached Drawing Sheets 3 and 4.  
FIGS. 3, 4 and 5 have been amended.

Signed and Sealed this  
Eighth Day of January, 2013

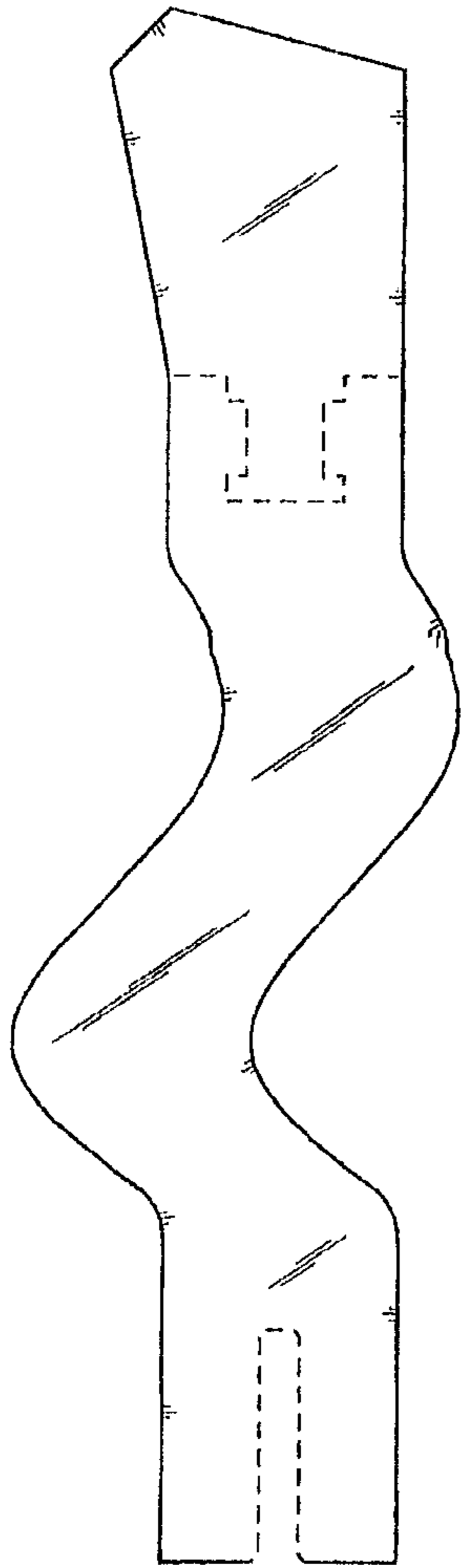
A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive style with a large initial "D" and "K".

David J. Kappos  
*Director of the United States Patent and Trademark Office*

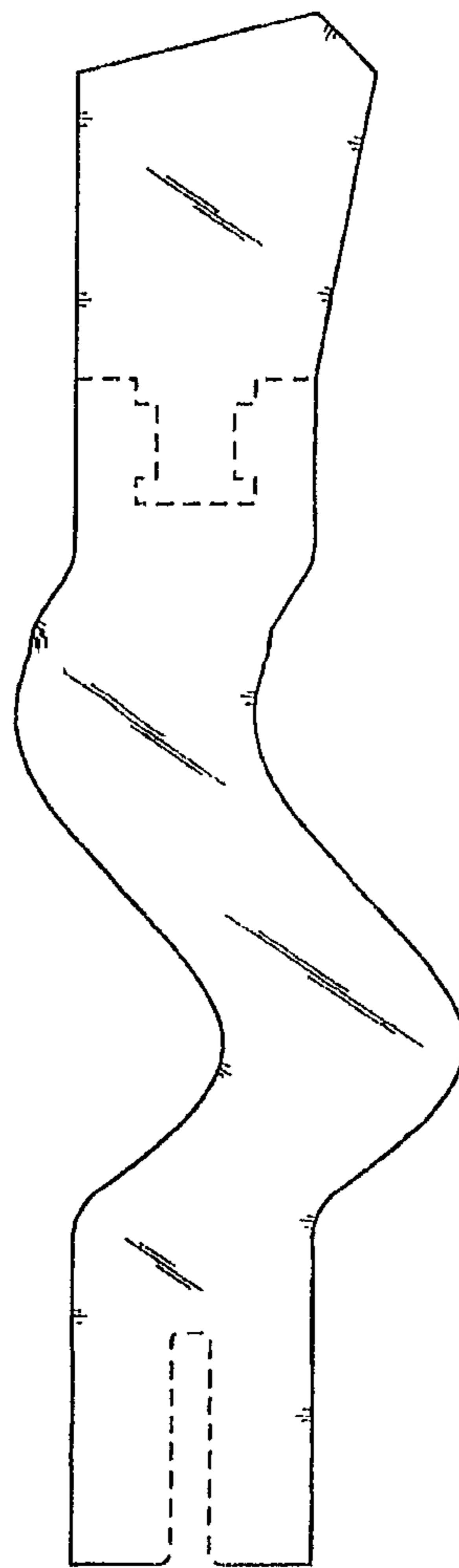




**FIG. 3**



**FIG. 4**



**FIG. 5**