



US00D961784S

(12) **United States Design Patent** (10) **Patent No.:** **US D961,784 S**
Liu (45) **Date of Patent:** **** Aug. 23, 2022**

(54) **ABDOMINAL BINDER**

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(72) Inventor: **Jinzhen Liu**, Yicheng (CN)

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

(21) Appl. No.: **29/803,275**

(22) Filed: **Aug. 11, 2021**

(51) **LOC (13) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/190**; D2/701; D29/101.5

(58) **Field of Classification Search**
USPC D24/184, 188, 190–192; D2/701
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D283,943 S *	5/1986	Rainey	D2/612
D328,383 S *	8/1992	Working, Jr.	D29/100
D638,947 S *	5/2011	Rubi	D24/189
D638,948 S *	5/2011	Janzon	D24/190
D657,063 S *	4/2012	Chiang	D24/190
D725,786 S *	3/2015	Romo	D24/190
D728,804 S *	5/2015	Hansen	D24/190
D793,027 S *	8/2017	Kulish	D2/627
D868,271 S *	11/2019	Coughlan	D24/190
D872,285 S *	1/2020	Sigurdsson	D24/190
D875,260 S *	2/2020	Rokitta	D24/190
D875,261 S *	2/2020	Liu	D24/190
D876,642 S *	2/2020	Michalak	D24/189
D876,643 S *	2/2020	Ishii	D24/189
D884,199 S *	5/2020	Mei	D24/190
D884,200 S *	5/2020	Mei	D24/190
D910,859 S	2/2021	Mei	

(Continued)

(57) **CLAIM**

The ornamental design for an abdominal binder, as shown and described.

DESCRIPTION

FIG. 1 is a front and top perspective view of an abdominal binder including a first component, a second component and a third component, showing my new design;

FIG. 2 is a front and top perspective view of the first component of the abdominal binder;

FIG. 3 is a front elevation view thereof;

FIG. 4 is a rear elevation view thereof;

FIG. 5 is a left side elevation view thereof;

FIG. 6 is a right side elevation view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a front perspective view of the second component of the abdominal binder;

FIG. 10 is a front elevation view thereof;

FIG. 11 is a rear elevation view thereof;

FIG. 12 is a left side elevation view thereof;

FIG. 13 is a right side elevation view thereof;

FIG. 14 is a top plan view thereof;

FIG. 15 is a bottom plan view thereof;

FIG. 16 is a front perspective view of the third component of the abdominal binder;

FIG. 17 is a front elevation view thereof;

FIG. 18 is a rear elevation view thereof;

FIG. 19 is a left side elevation view thereof;

FIG. 20 is a right side elevation view thereof;

FIG. 21 is a top plan view thereof;

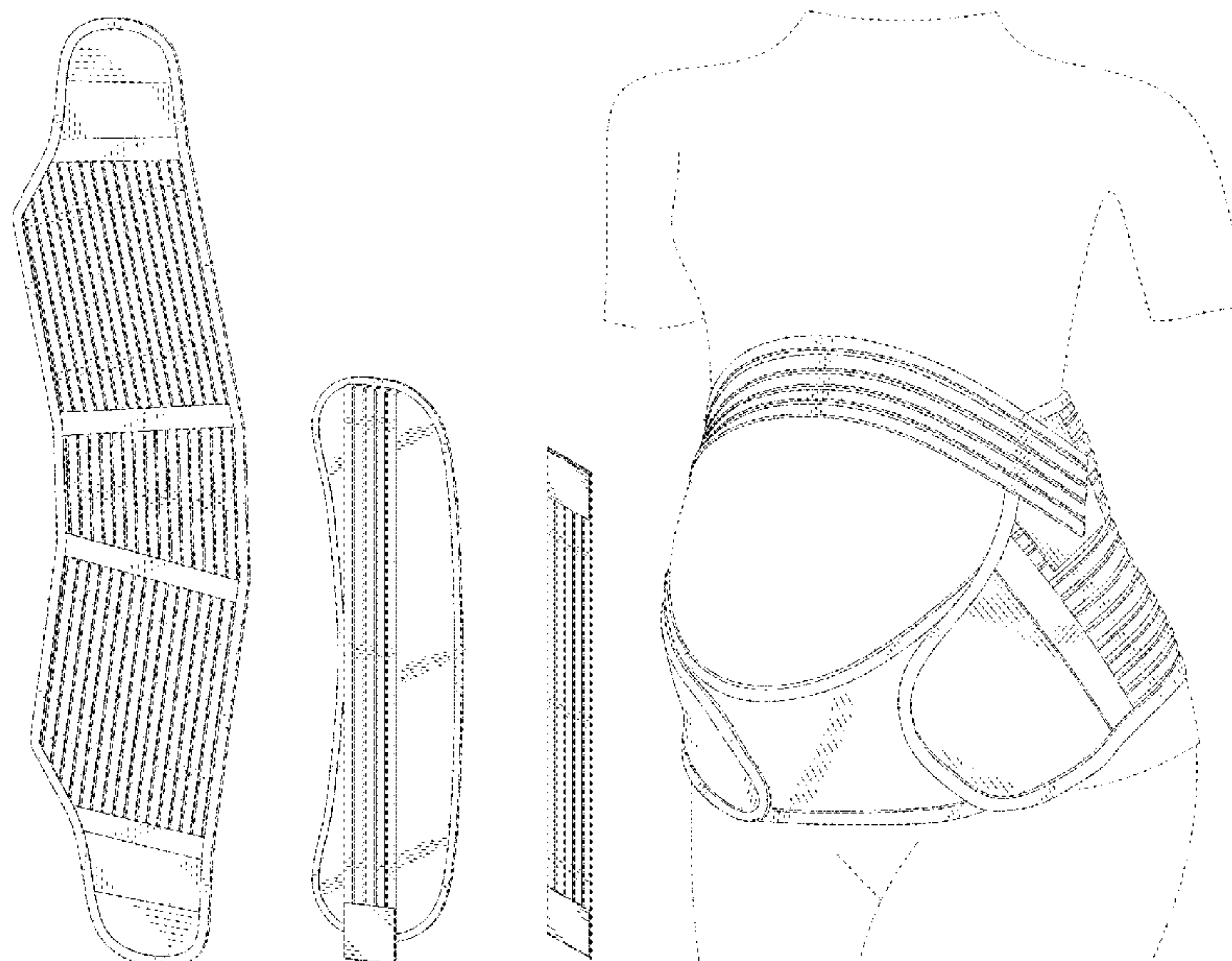
FIG. 22 is a bottom plan view thereof; and,

FIG. 23 is a perspective view showing the first component, the second component and the third component of the abdominal binder in use state.

The broken lines showing a body of pregnant woman in the FIG. 23 are for the purposes of illustrating environment and form no part of the claimed design.

Primary Examiner — Jennifer L Watkins

1 Claim, 23 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D917,054	S	*	4/2021	Woo		D24/190
D925,744	S	*	7/2021	Yeip		D24/191
D933,333	S	*	10/2021	Xu		D24/190
2019/0374367	A1	*	12/2019	Devillers		A61F 5/028

* cited by examiner

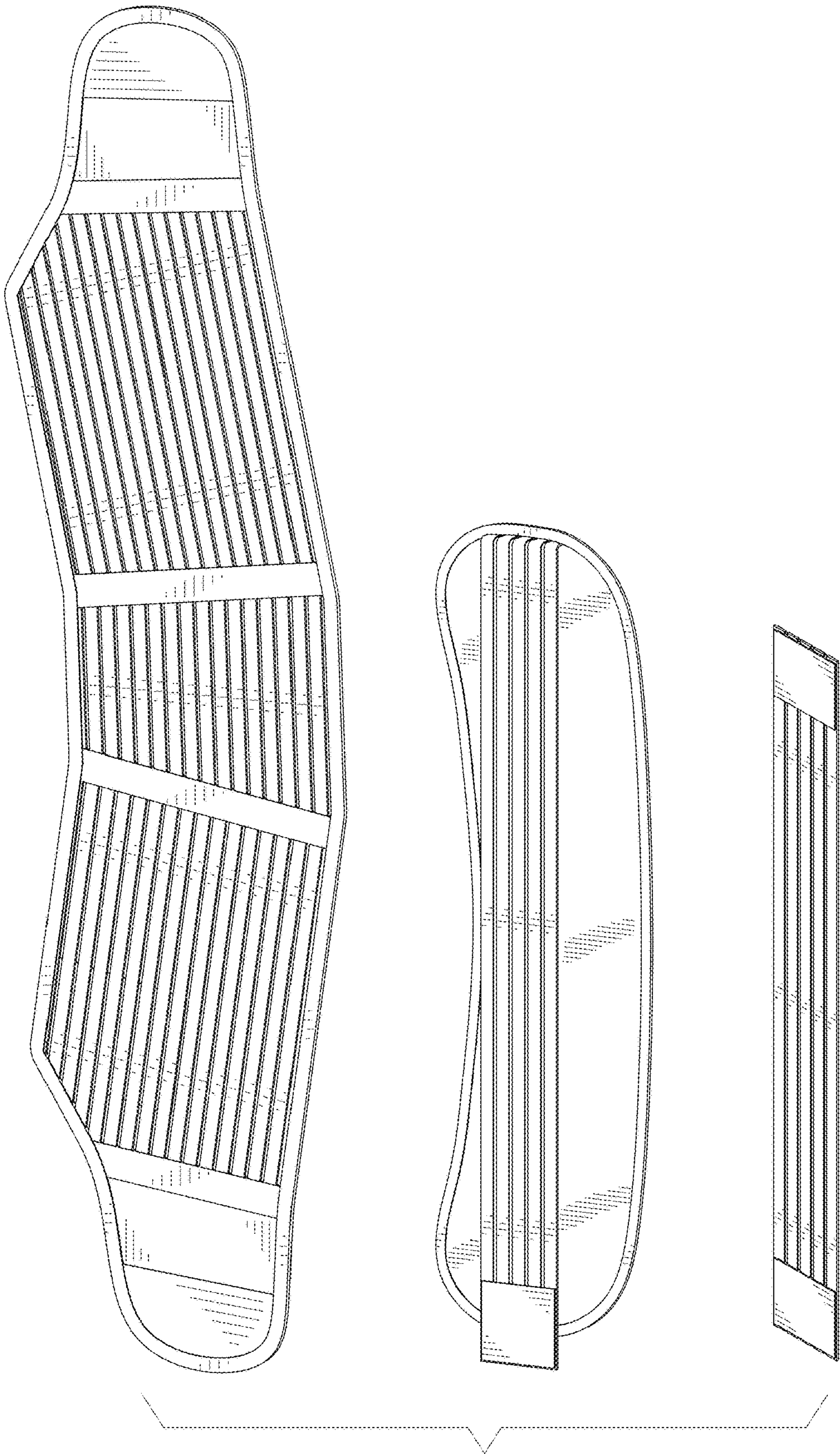


FIG. 1

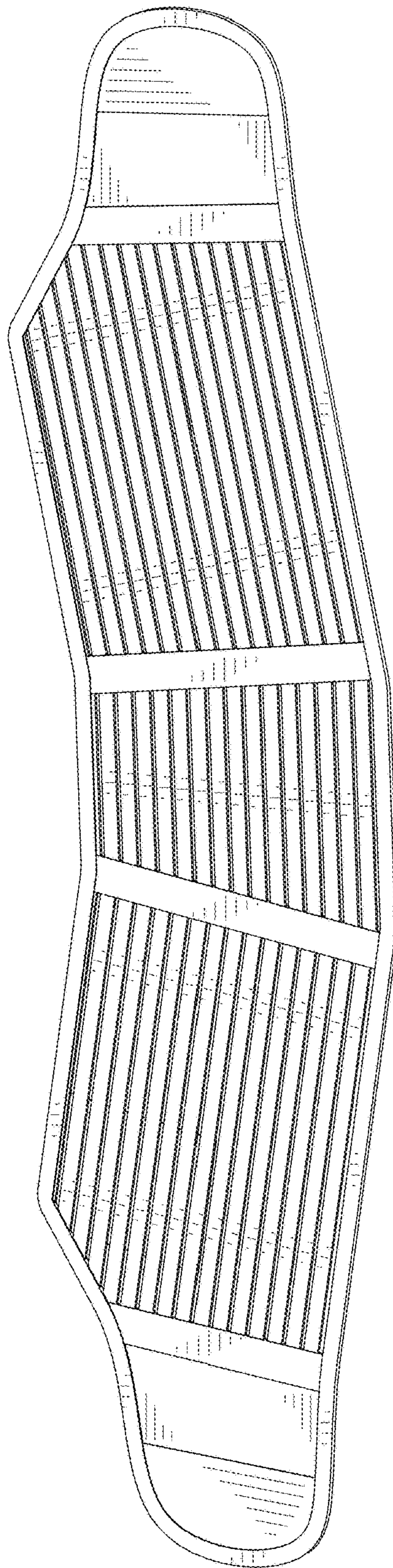


FIG. 2

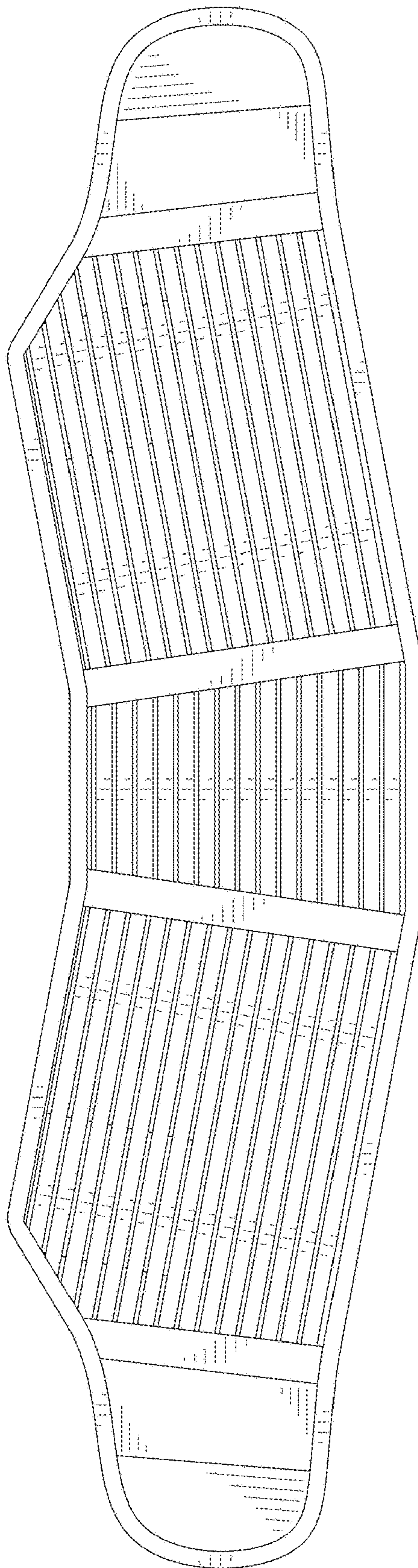


FIG. 3

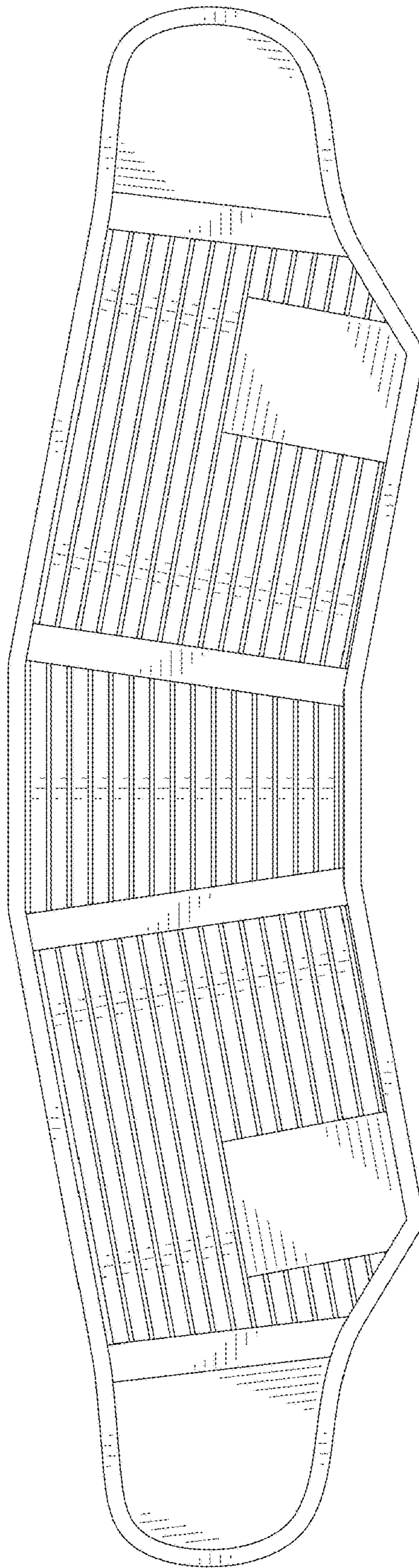


FIG. 4



FIG. 5



FIG. 6

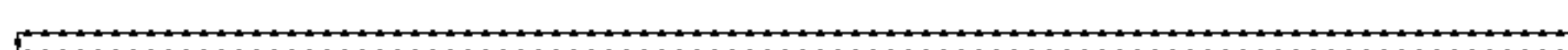


FIG. 7



FIG. 8

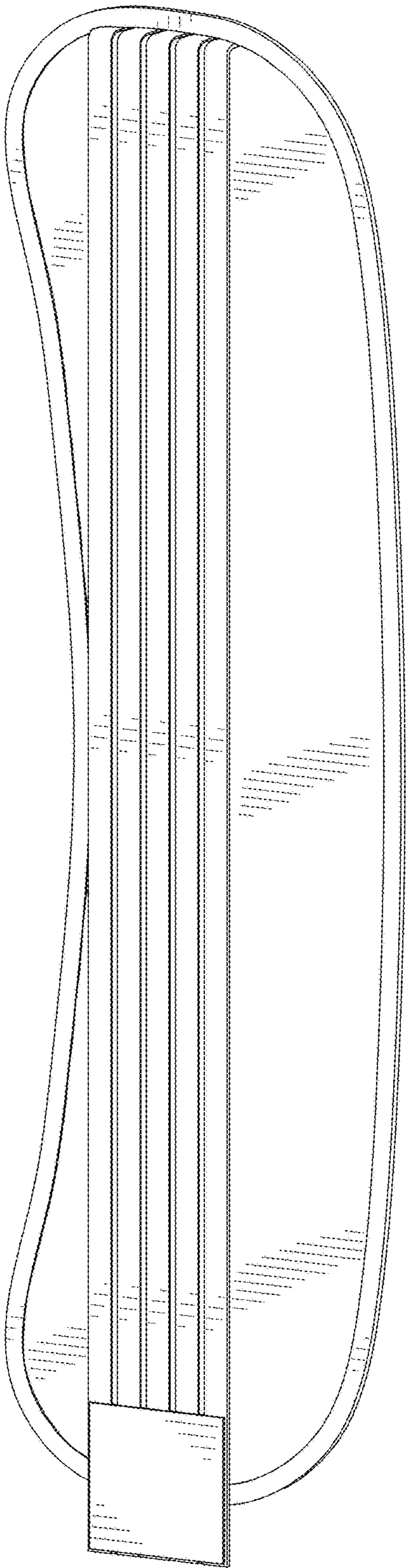


FIG. 9

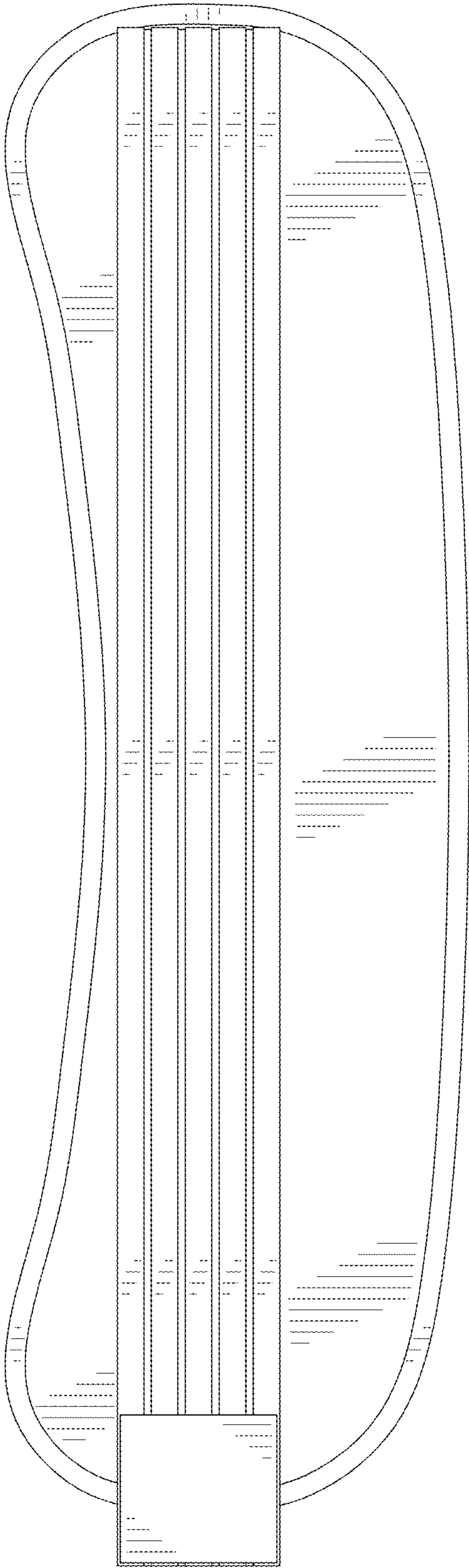


FIG. 10

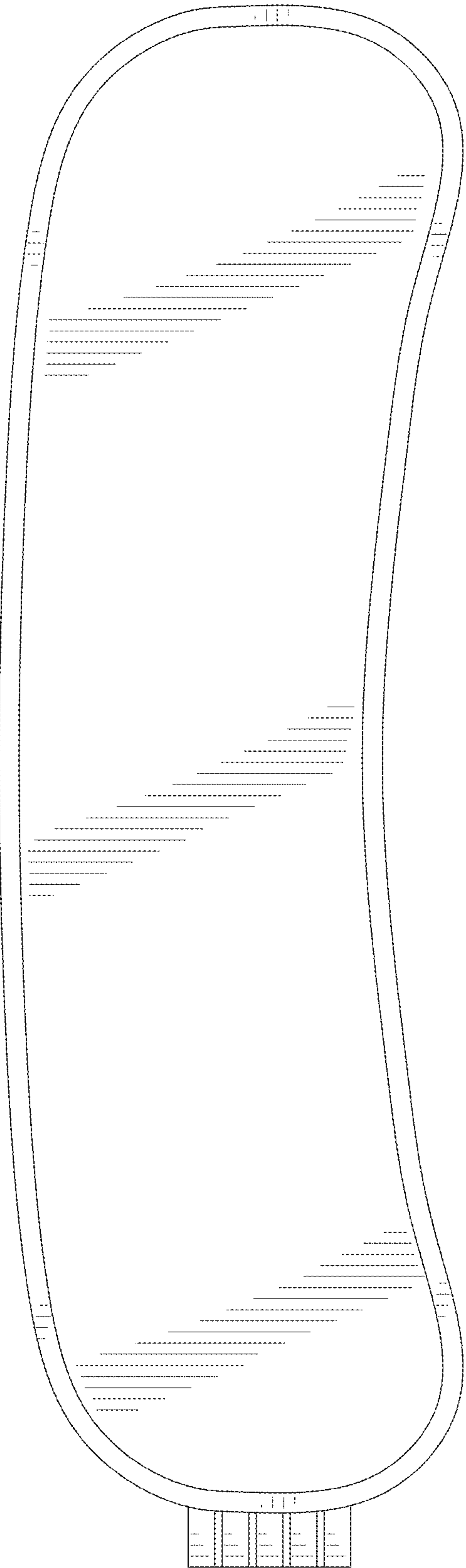


FIG. 11

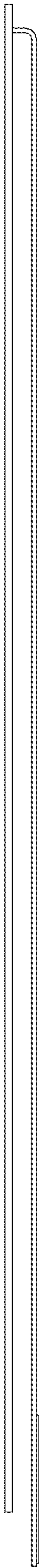


FIG. 12

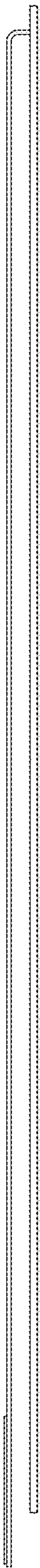


FIG. 13

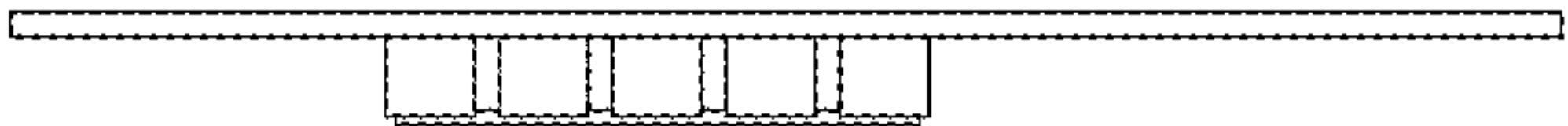


FIG. 14

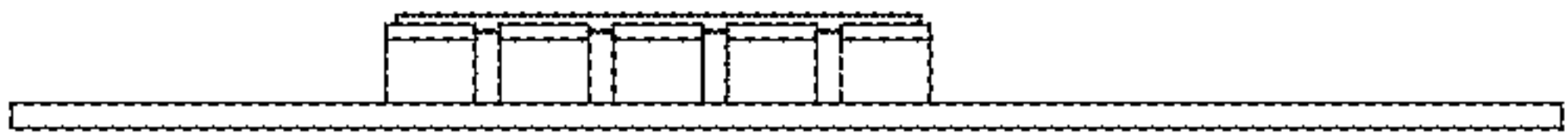


FIG. 15

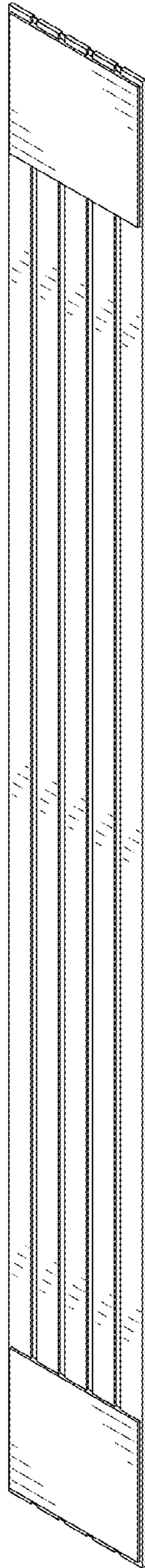


FIG. 16

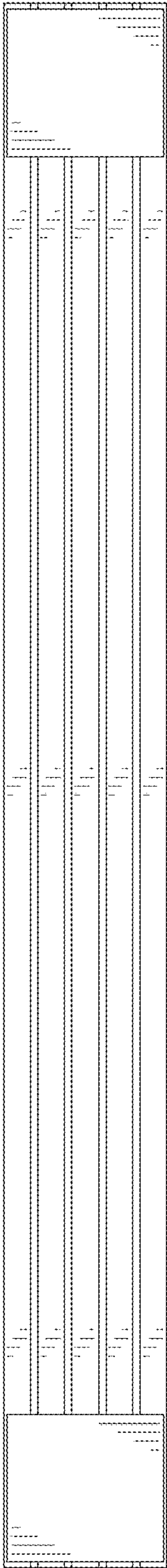


FIG. 17

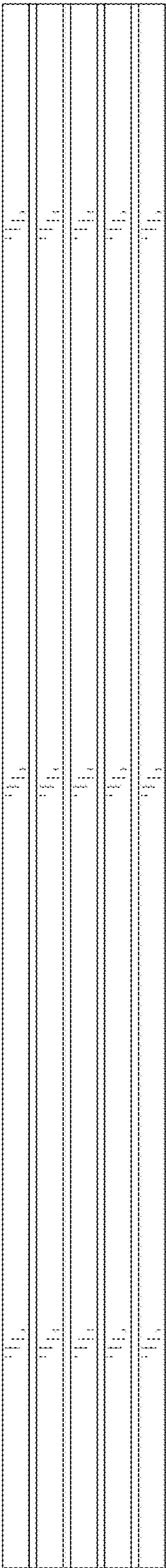


FIG. 18

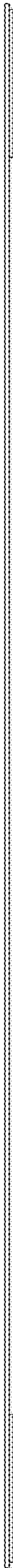


FIG. 19



FIG. 20

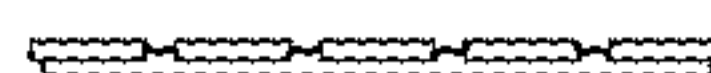


FIG. 21

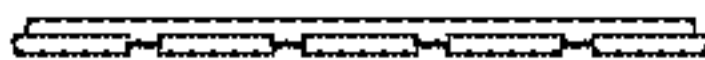


FIG. 22

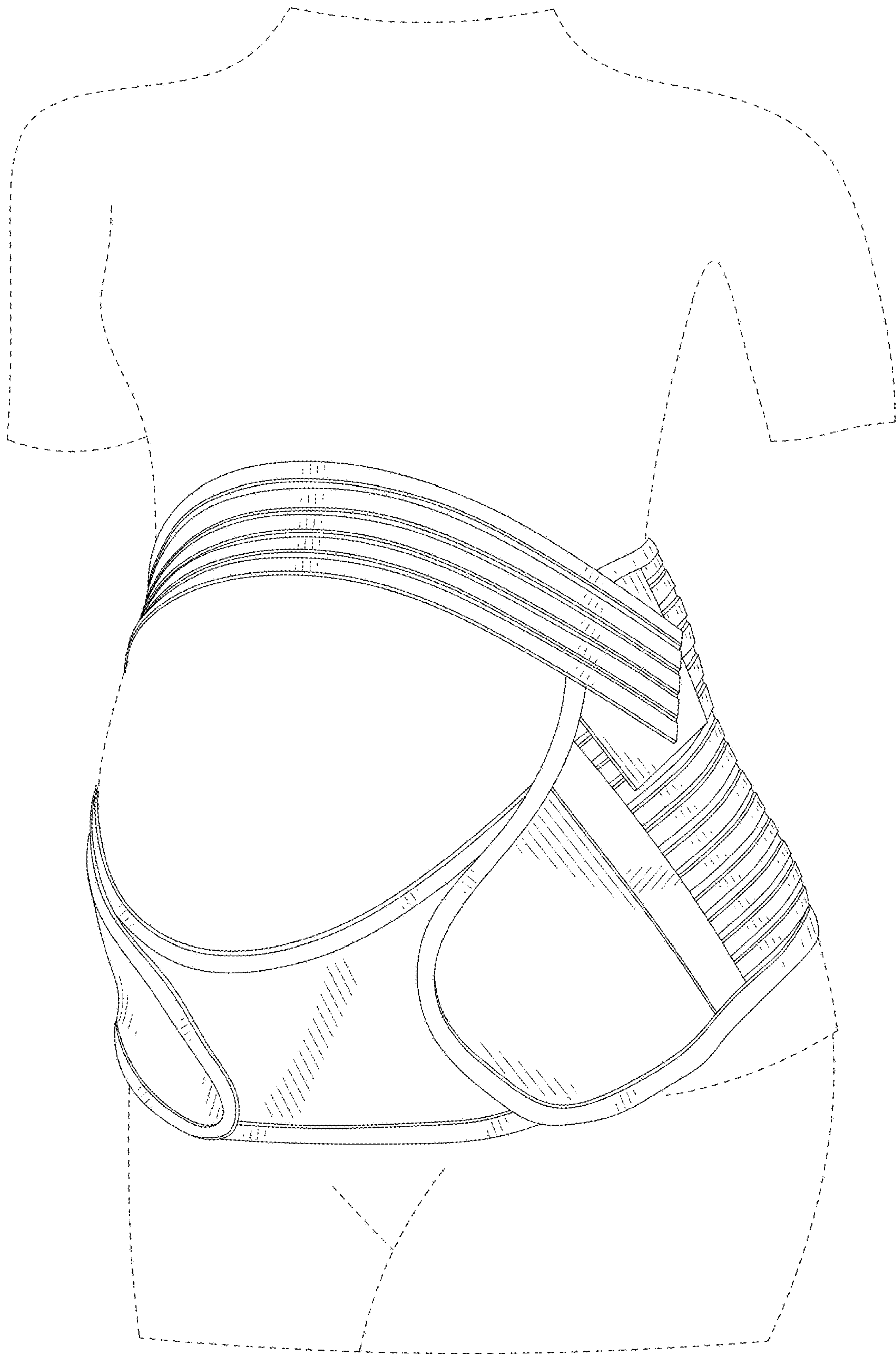


FIG. 23