



US00D982657S

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

(10) **Patent No.:** **US D982,657 S**
(45) **Date of Patent:** **** Apr. 4, 2023**

(54) **THUMB PIANO**

(71) Applicant: **Donghuan Lu**, Fujian (CN)

(72) Inventor: **Donghuan Lu**, Fujian (CN)

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

(21) Appl. No.: **29/791,833**

(22) Filed: **Feb. 11, 2022**

(30) **Foreign Application Priority Data**

Aug. 11, 2021 (CN) 202130518790.3

(51) **LOC (14) Cl.** **17-01**

(52) **U.S. Cl.**
USPC **D17/7**

(58) **Field of Classification Search**
USPC D17/1, 2, 7, 99; D21/405, 409
CPC ... G10C 1/00; G10C 1/06; G10C 3/12; G10C
3/14; G10C 3/28; G10C 5/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,763,518	A *	6/1930	Haweis	.....	G10D 13/08 84/408
D217,641	S *	5/1970	Pavia	.....	D17/2
3,610,085	A *	10/1971	Wilson	.....	G10D 13/08 84/408
D222,813	S *	1/1972	Wilson	.....	84/408
D688,729	S *	8/2013	Trinca	.....	D17/7
D920,424	S *	5/2021	Lin	.....	D17/7
D923,081	S *	6/2021	Yang	.....	D17/7
D939,623	S *	12/2021	Yang	.....	D17/7
D939,624	S *	12/2021	Yang	.....	D17/7
D939,625	S *	12/2021	Yang	.....	D17/7

D940,230	S *	1/2022	Yang	.....	D17/7
2004/0137984	A1 *	7/2004	Salter	.....	A63F 13/814 463/35
2009/0217802	A1 *	9/2009	Saragosa	.....	G10D 13/08 84/410

* cited by examiner

Primary Examiner — R. Johnson

(74) *Attorney, Agent, or Firm* — Dunlap Bennett & Ludwig, PLLC

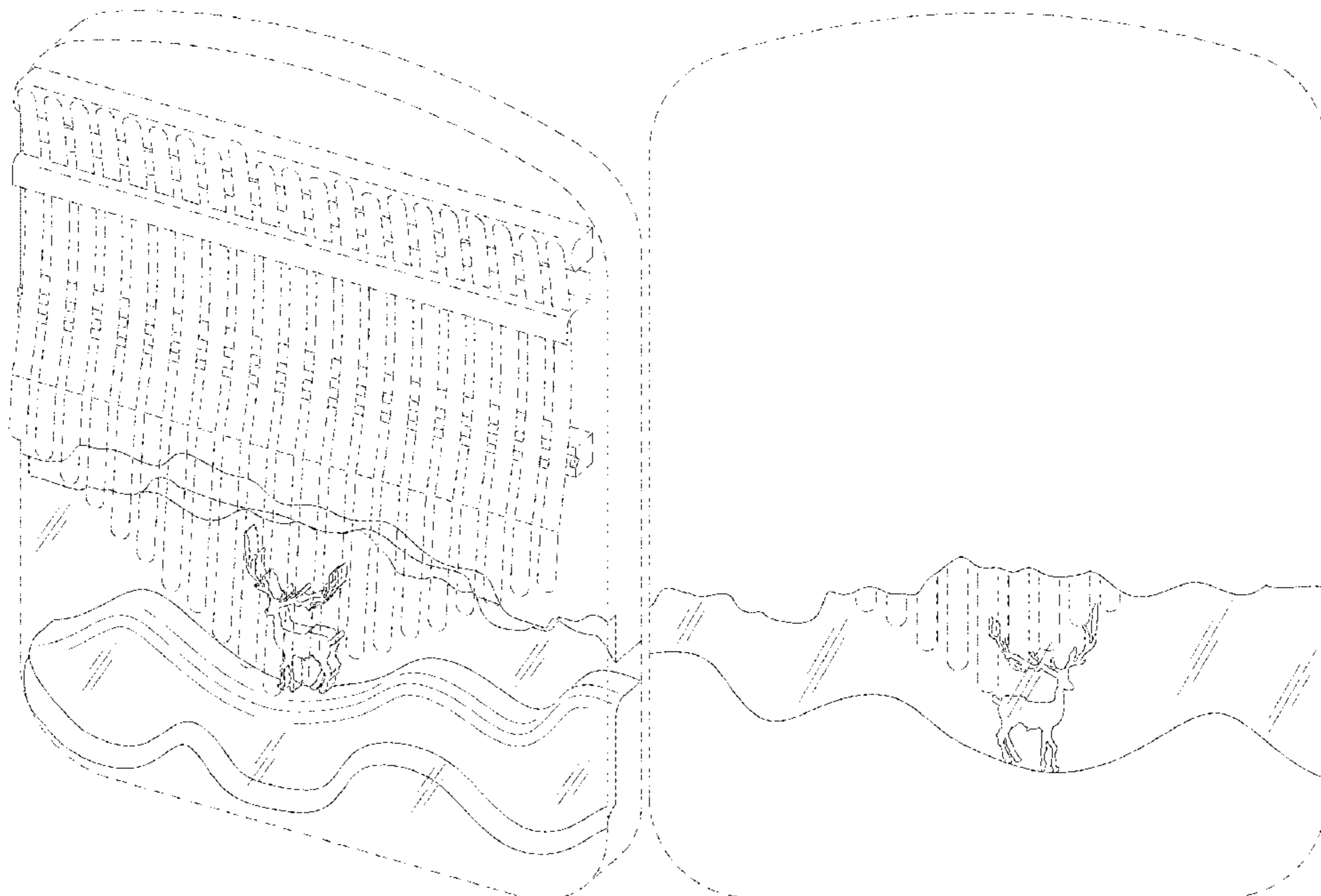
(57) **CLAIM**

The ornamental design for a thumb piano, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a thumb piano, showing my new design;
 FIG. 2 is a front elevation view thereof;
 FIG. 3 is a rear elevation view thereof;
 FIG. 4 is a right-side elevation view thereof;
 FIG. 5 is a left-side elevation view thereof;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof;
 FIG. 8 is a cross-sectional view, taken at the line 8-8 in FIG. 2;
 FIG. 9 is a cross-sectional view, taken at the line 9-9 in FIG. 2;
 FIG. 10 is a cross-sectional view, taken at the line 10-10 in FIG. 2; and,
 FIG. 11 is a front elevation view of the thumb piano with a portion of the unclaimed thumb piano keys shown cutaway so that the claimed portions of the design are clear.
 The broken lines shown in the drawings depict portions of the article that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



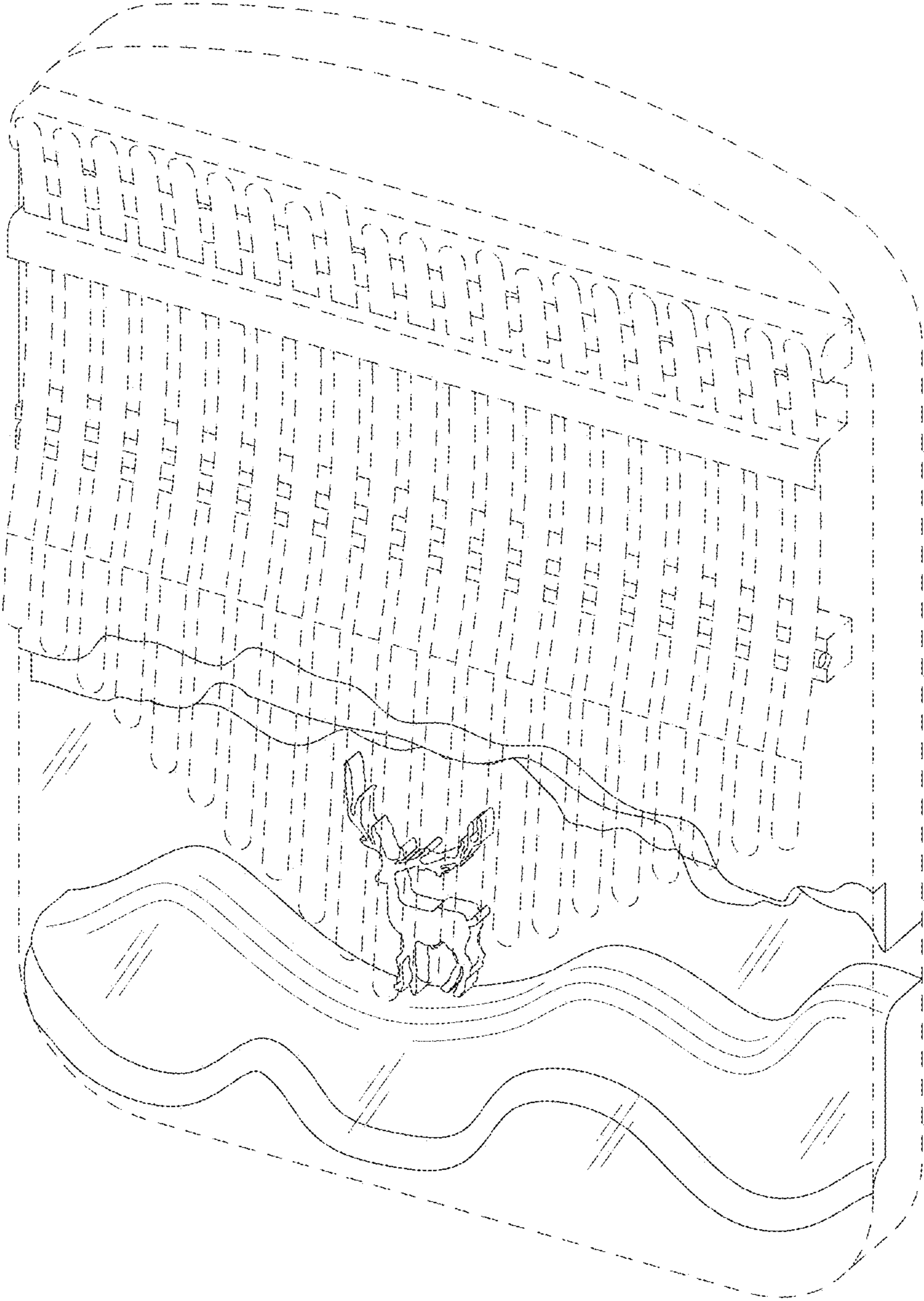


FIG. 1

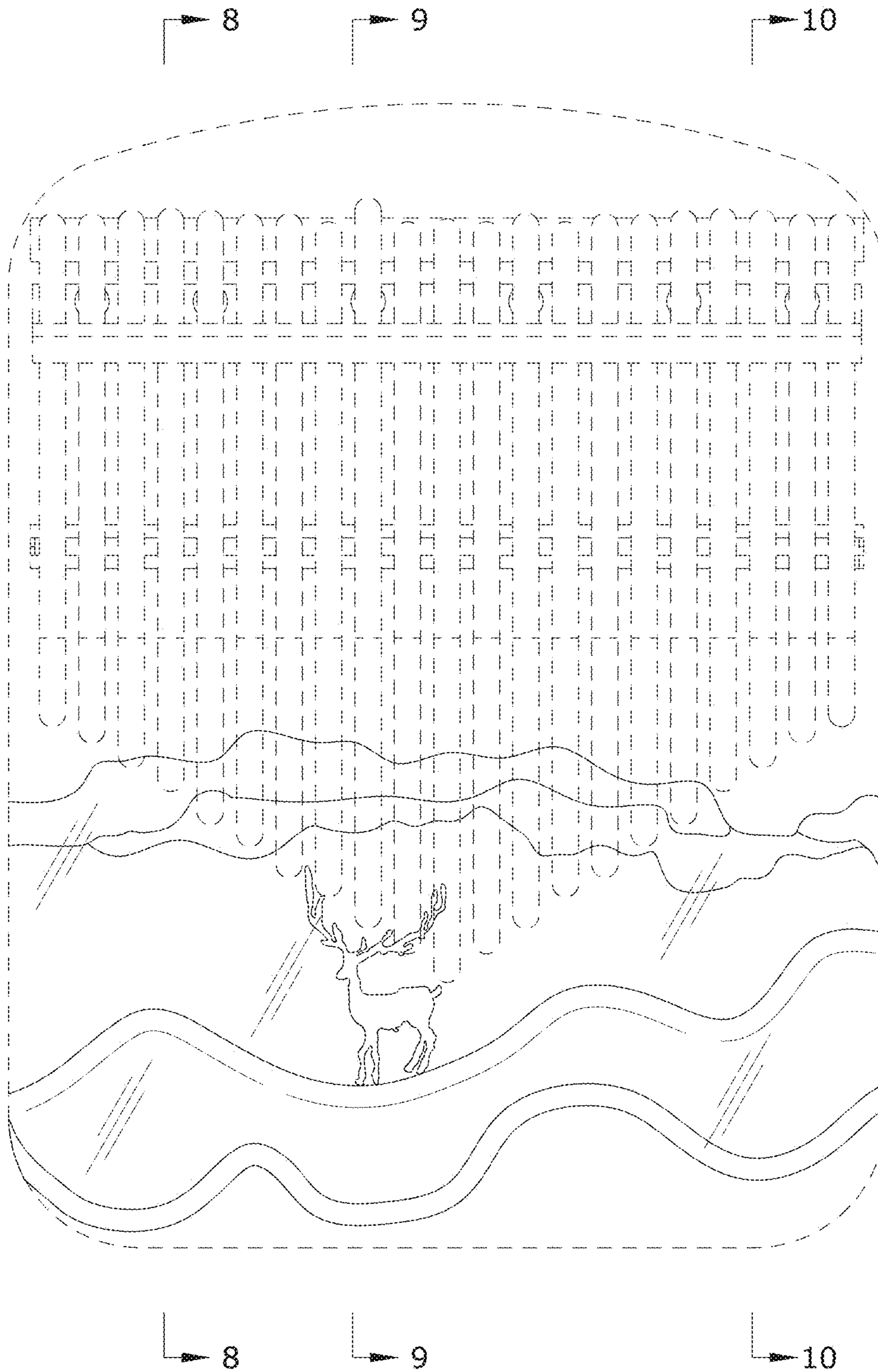


FIG. 2

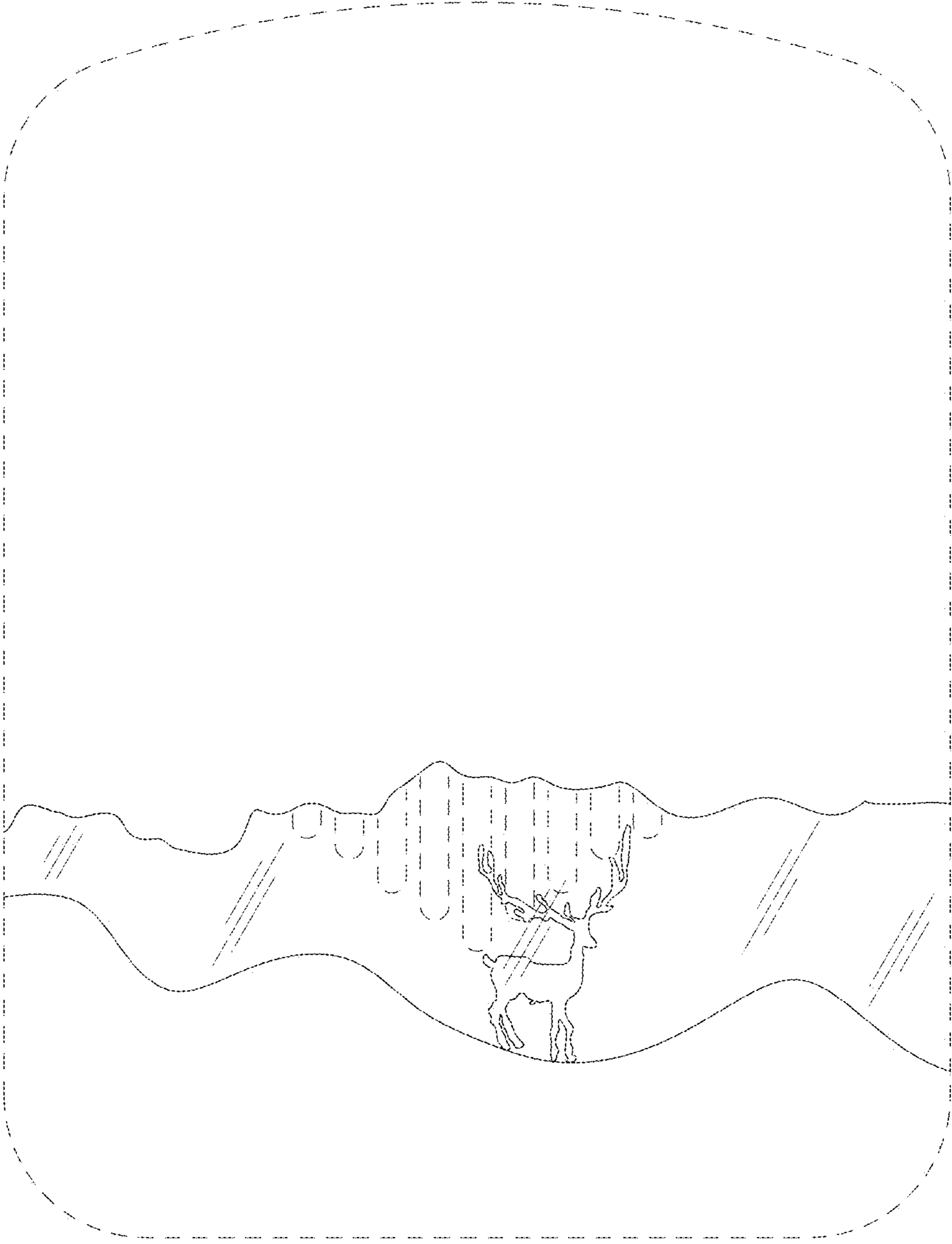


FIG. 3

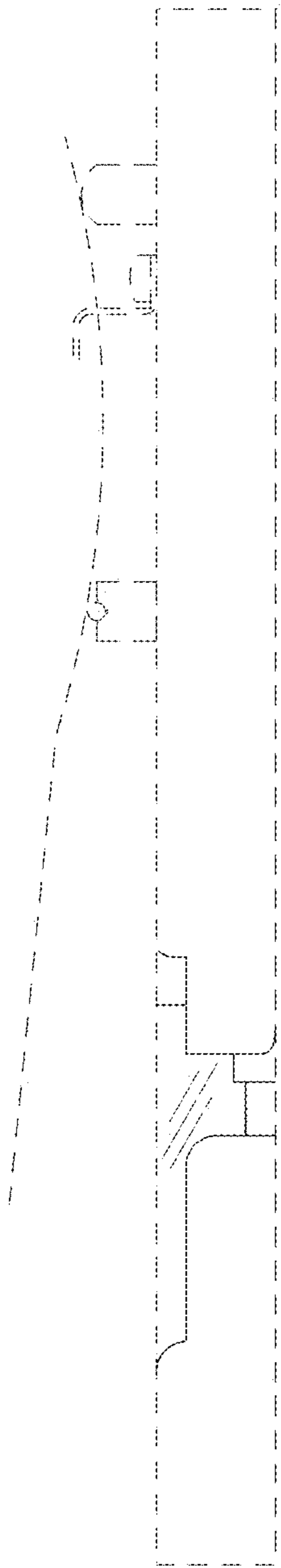


FIG. 4

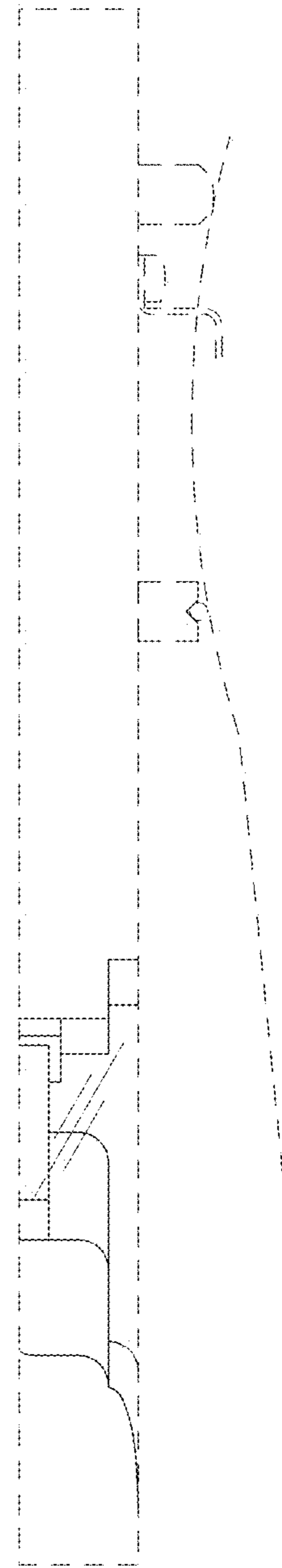


FIG. 5

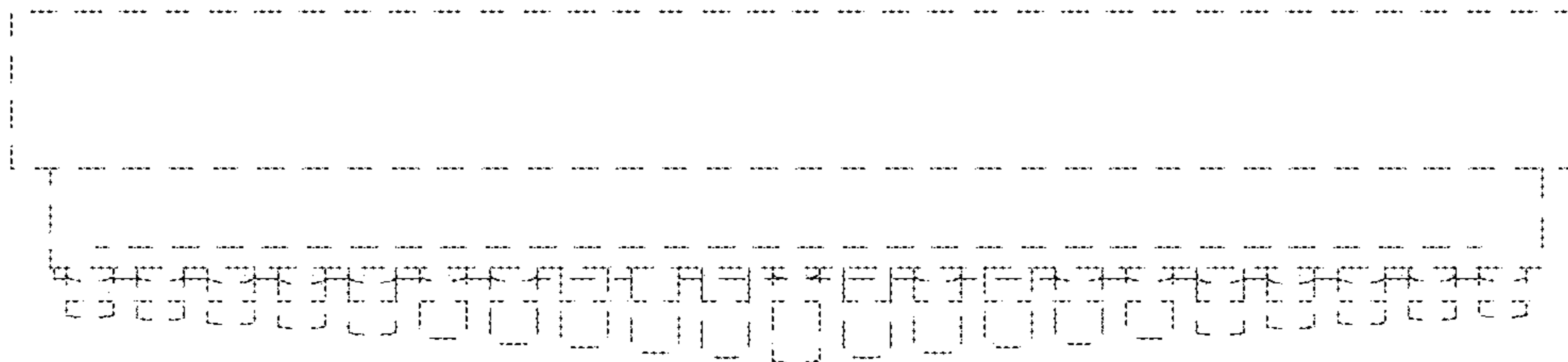


FIG. 6

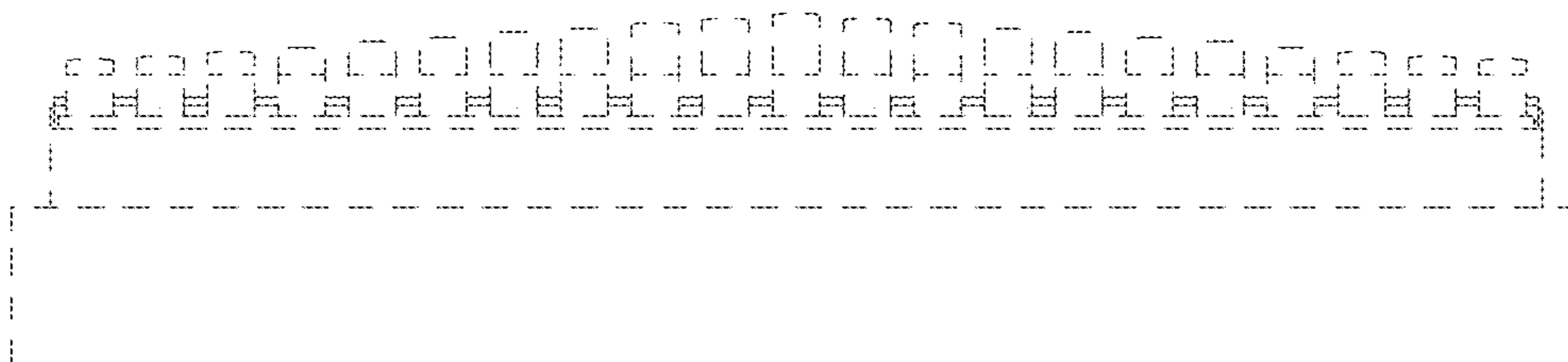


FIG. 7



FIG. 8



FIG. 9

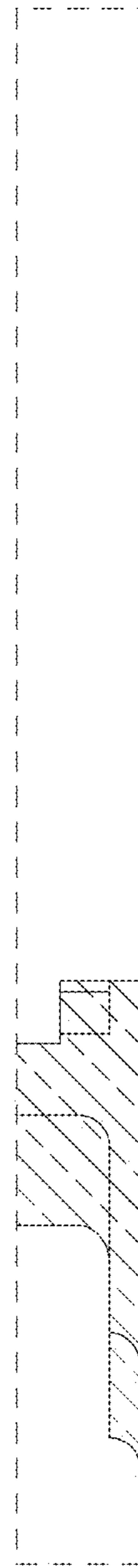


FIG. 10

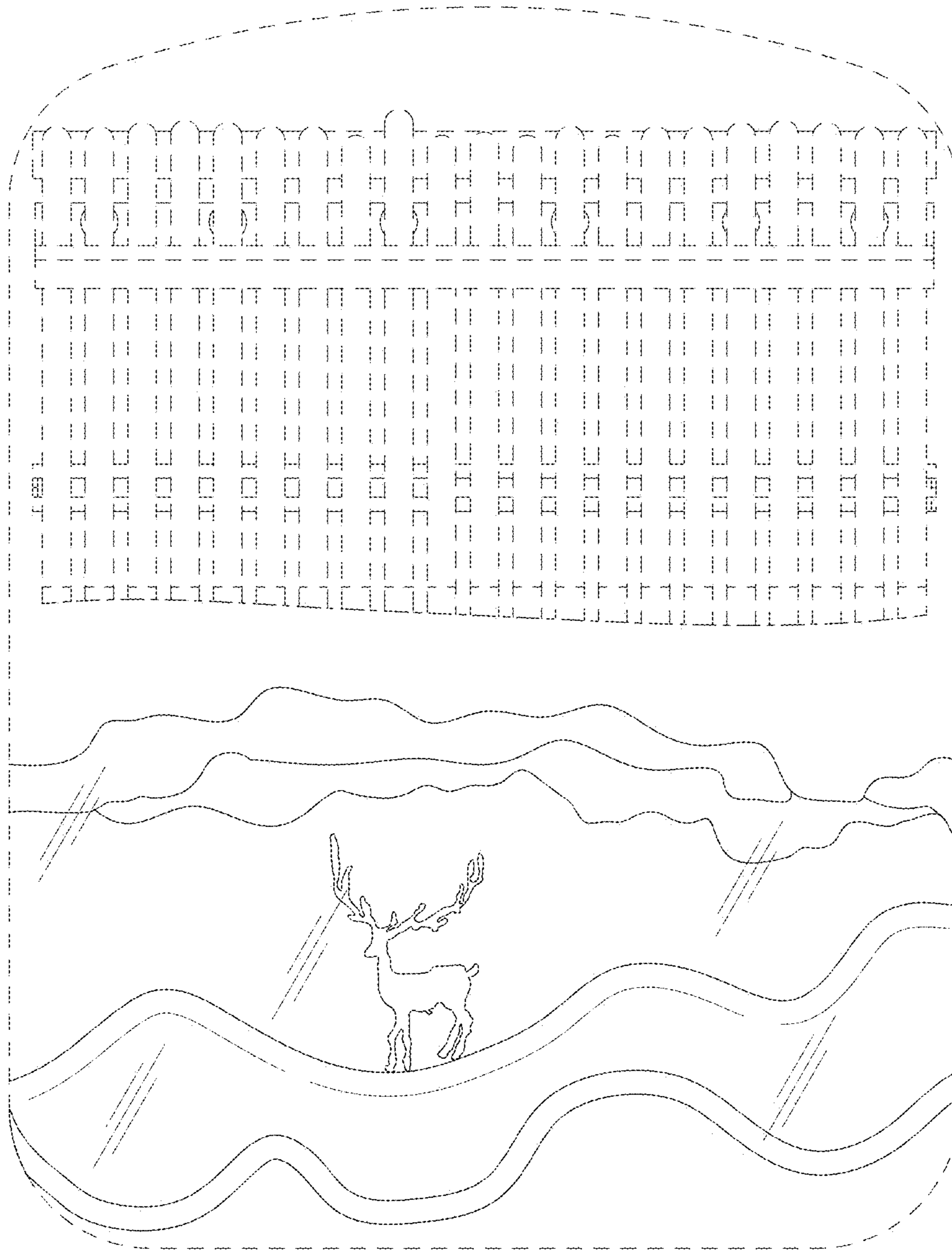


FIG. 11