



US00D836847S

(12) **United States Design Patent** (10) **Patent No.:** **US D836,847 S**
Wu (45) **Date of Patent:** **** Dec. 25, 2018**

(54) **AUTO DARKENING FILTER FOR A WELDING HELMET**

(56) **References Cited**

U.S. PATENT DOCUMENTS

(71) Applicant: **Tecmen Electronics Co., Ltd.**, Nanjing (CN)

D654,224 S	2/2012	Wu	
D654,225 S	2/2012	Wu	
D654,226 S	2/2012	Wu	
D654,634 S	2/2012	Wu	
D666,981 S	* 9/2012	Kim D14/138 G
D710,493 S	8/2014	Wu	
D710,494 S	8/2014	Wu	
D710,545 S	8/2014	Wu	
D710,546 S	8/2014	Wu	
D716,505 S	10/2014	Wu	
D716,506 S	10/2014	Wu	
D732,746 S	6/2015	Wu	
D734,558 S	7/2015	Wu	
D744,482 S	* 12/2015	Davis D29/122
D753,077 S	* 4/2016	Margis D14/126
D756,998 S	* 5/2016	Suzuki D14/341
D767,829 S	9/2016	Wu	

(72) Inventor: **Ziqian Wu**, Nanjing (CN)

(73) Assignee: **Tecmen Electronics Co., Ltd.**, Nanjing (CN)

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

(21) Appl. No.: **29/596,815**

(22) Filed: **Mar. 10, 2017**

(30) **Foreign Application Priority Data**

Oct. 17, 2016 (CN) 2016 3 0505605

(51) **LOC (11) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D29/122; D14/129**

(58) **Field of Classification Search**
USPC D14/125-134, 239, 371, 136, 374-377, D14/440, 450, 448, 336, 342, 159; 312/7.2; 348/836, 838, 180, 184, 325, 348/739; 248/917-924, 465; 345/104, 345/133, 156, 168, 87, 173; D21/329, D21/515, 577, 622, 333, 433, 448, 452, D21/450, 331, 505; D10/15, 26; 446/484, 175, 356; D6/477, 479, 300; D20/10, 19, 39; D16/203, 241; 160/24; D29/122, 100-109
CPC G06F 1/1601; G06F 1/1643; G06F 1/1652; G06F 1/1647; G06F 3/0412; H05K 5/0004; H05K 5/0017; H05K 5/02; H05K 5/0217; H04N 13/0459

See application file for complete search history.

(Continued)

Primary Examiner — Randall H Gholson

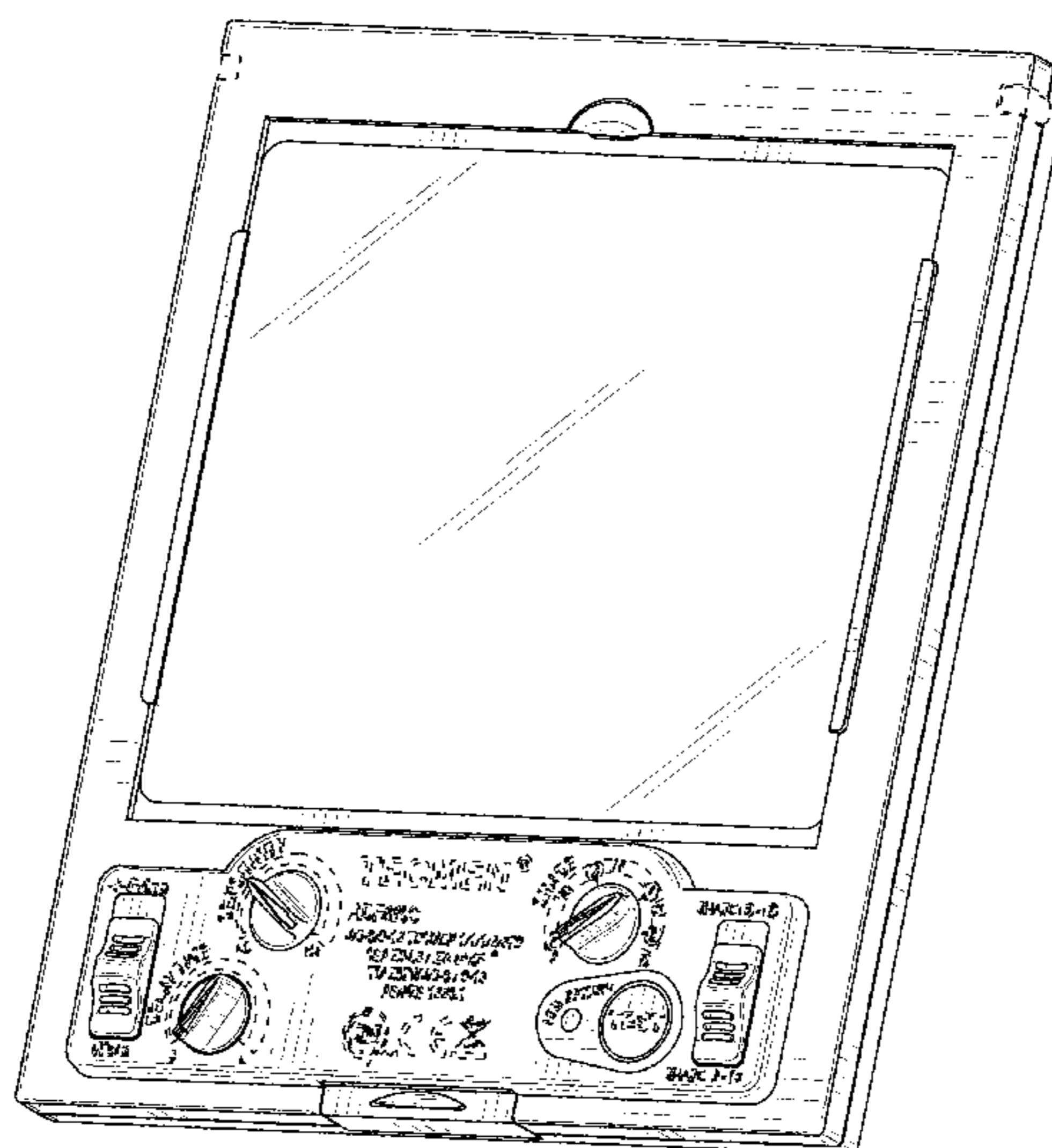
(57) **CLAIM**

The ornamental design for an auto darkening filter for a welding helmet, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, right side perspective view of an auto darkening filter for a welding helmet showing my new design;
FIG. 2 is a top, rear, left side perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left elevational side view thereof;
FIG. 6 is a right elevational side view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken lines shown in the drawings represent portions of the auto darkening filter for a welding helmet that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D773,423 S * 12/2016 Margis D14/126
D774,180 S 12/2016 Wu
D775,344 S 12/2016 Wu

* cited by examiner

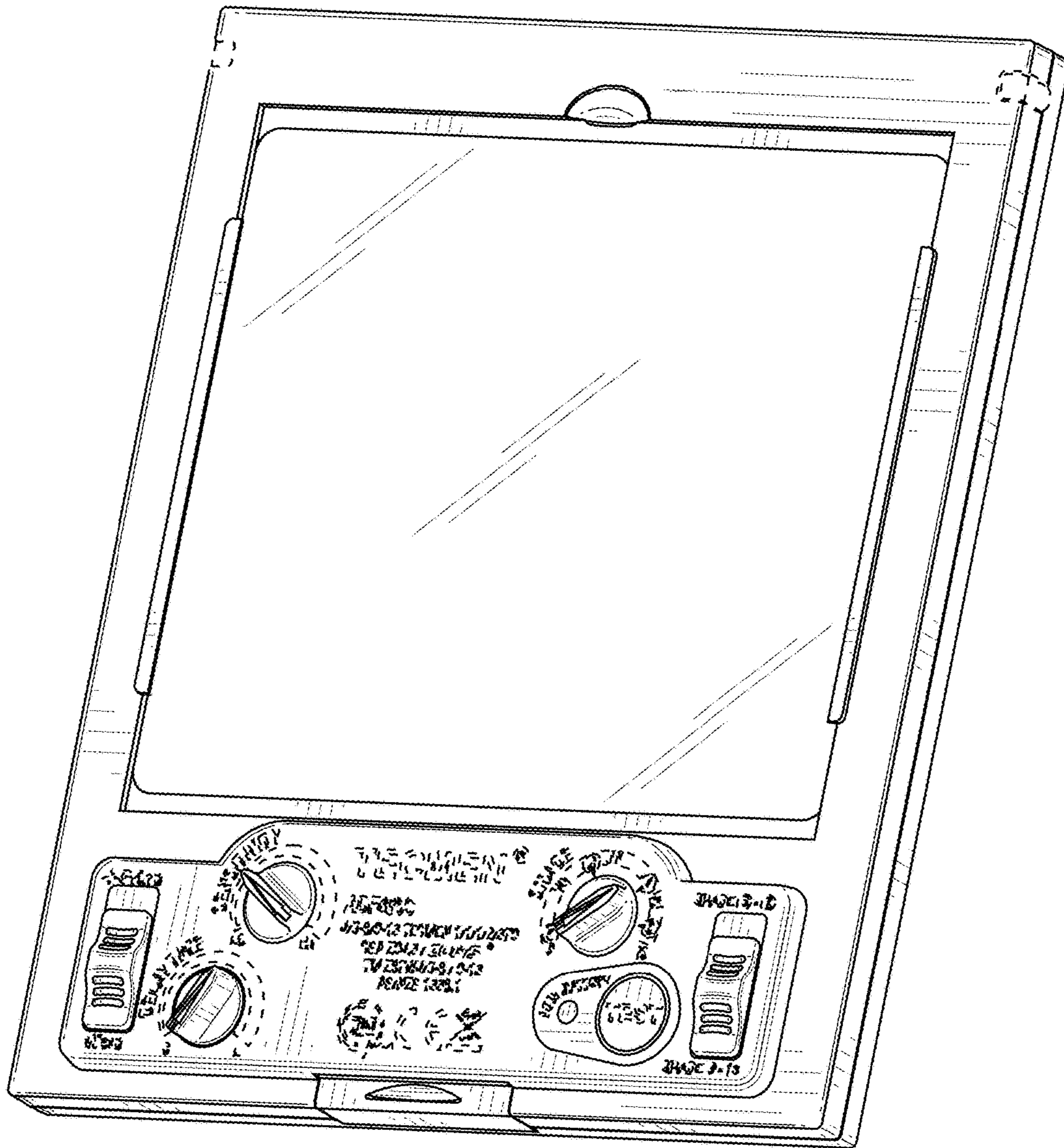


FIG. 1

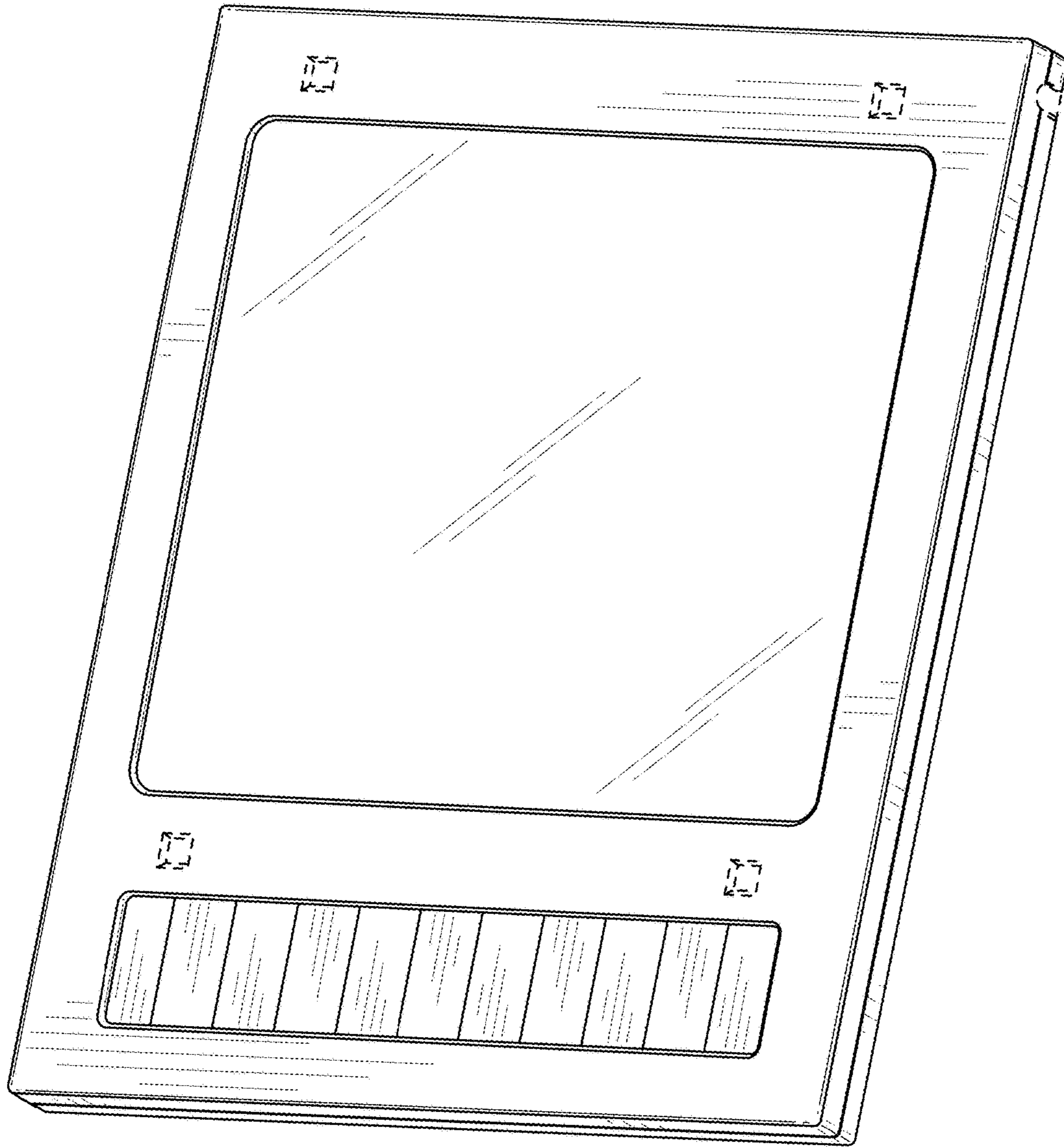


FIG. 2

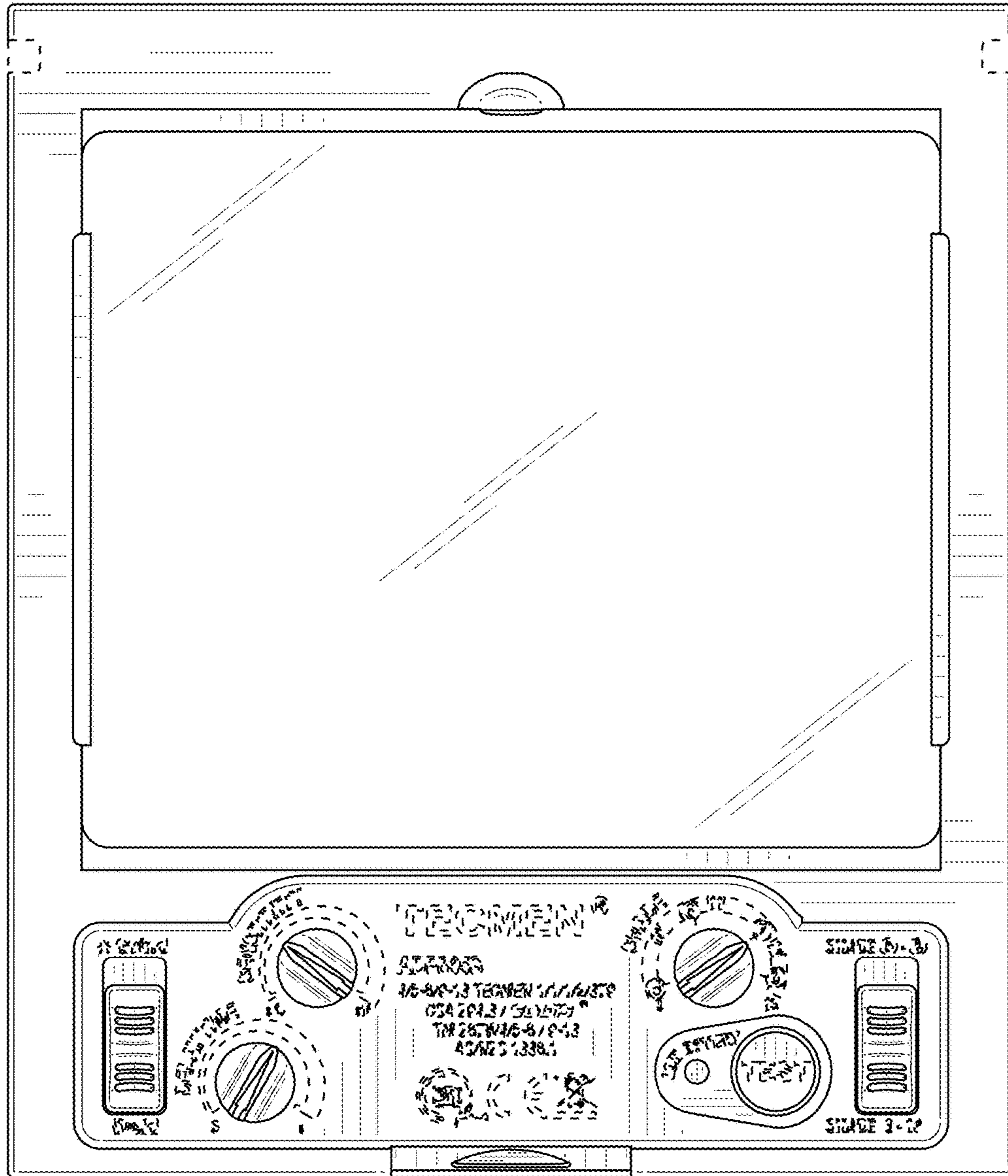


FIG. 3

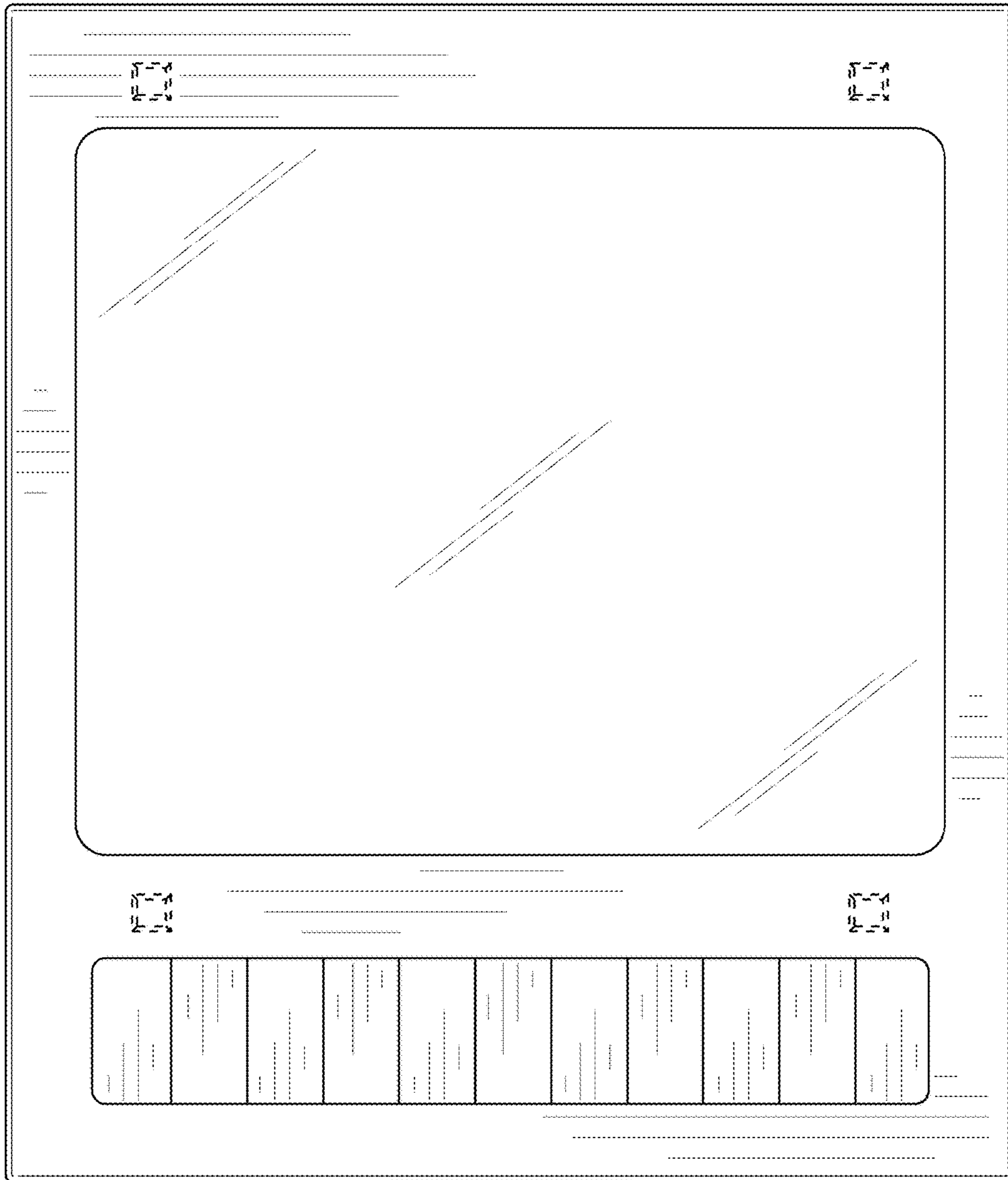


FIG. 4

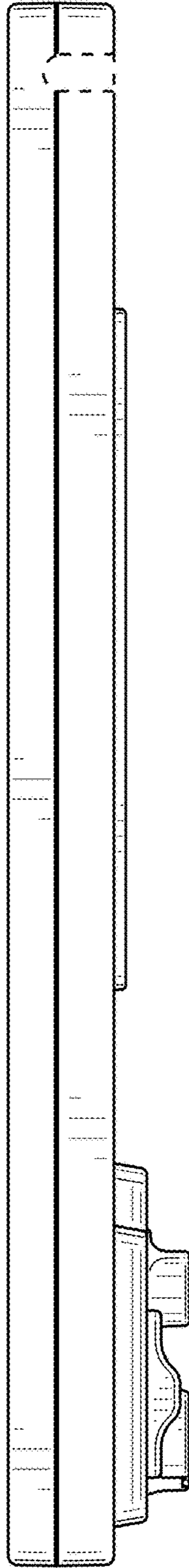


FIG. 5

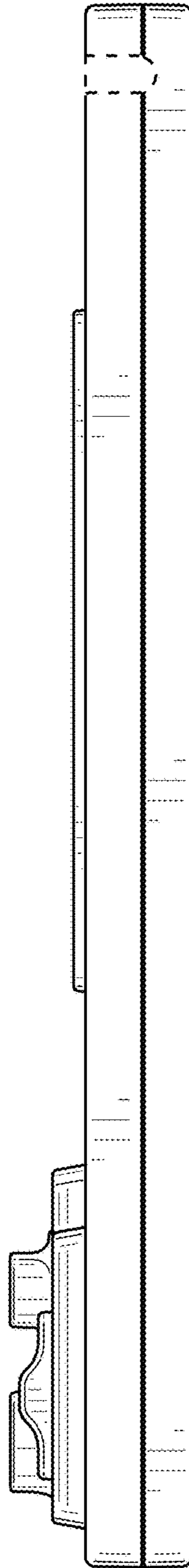


FIG. 6

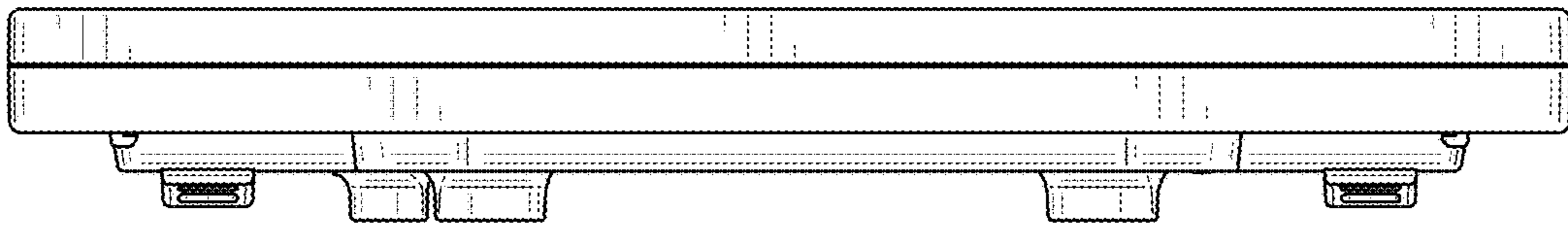


FIG. 7

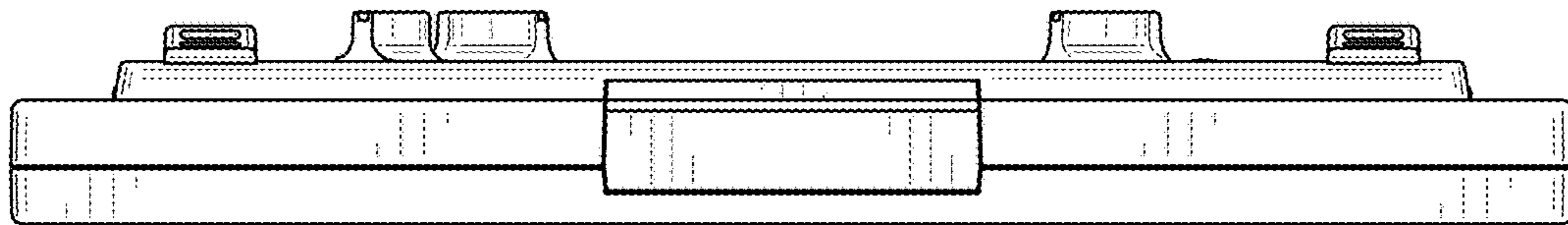


FIG. 8