



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**

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

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(\*\*) 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.

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*Primary Examiner* — Randall H Gholson

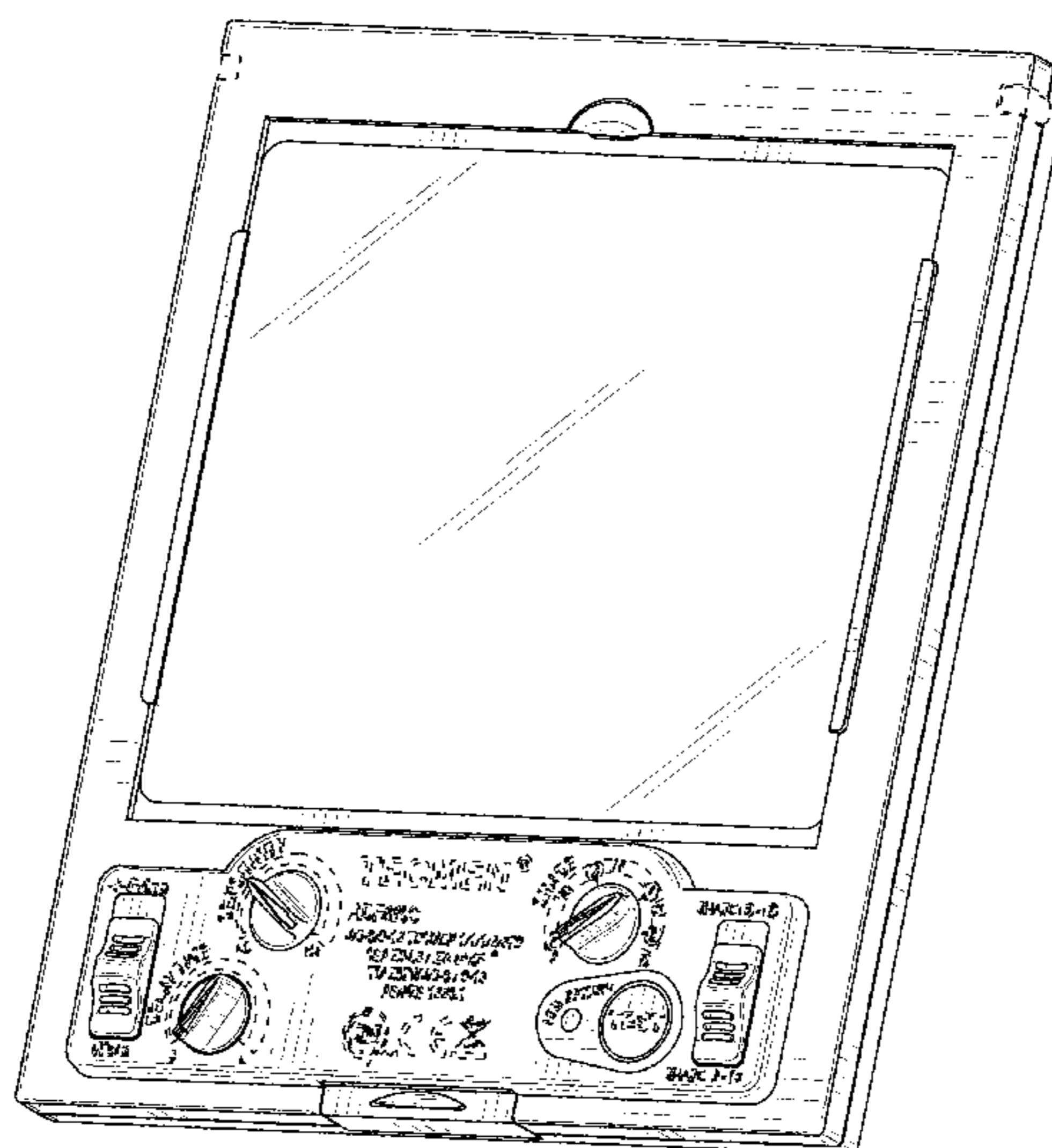
(57) **CLAIM**

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**



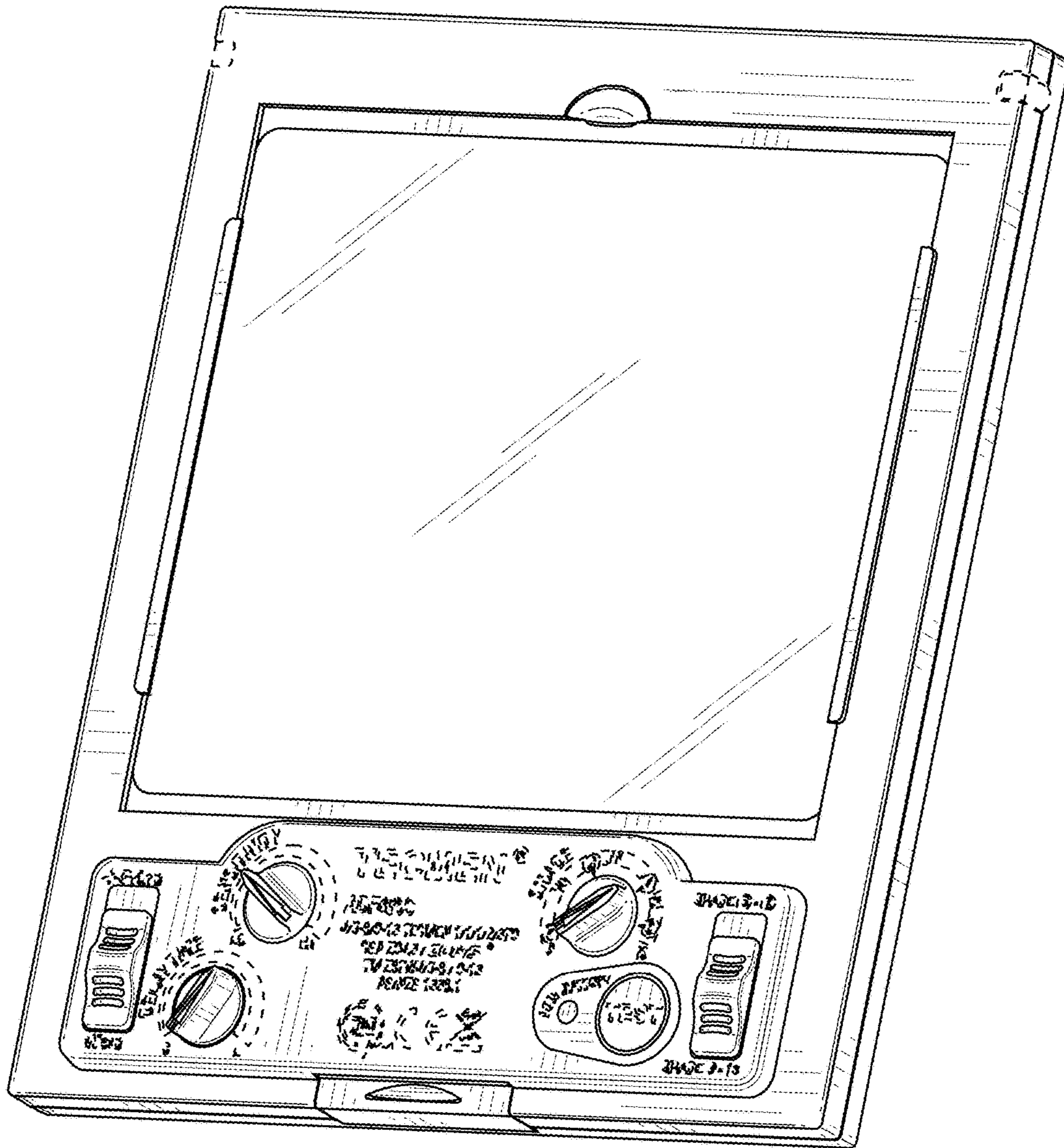
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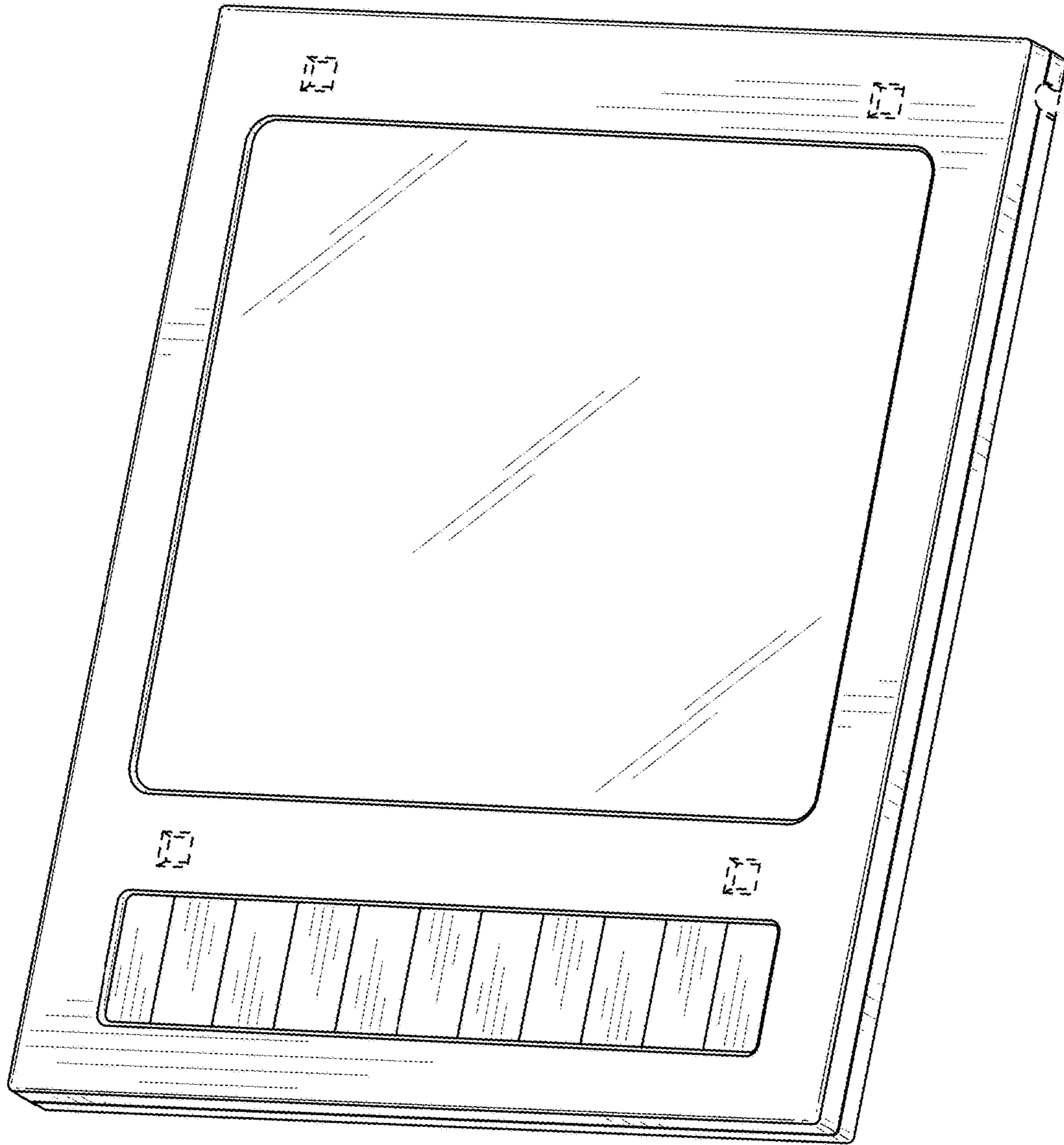
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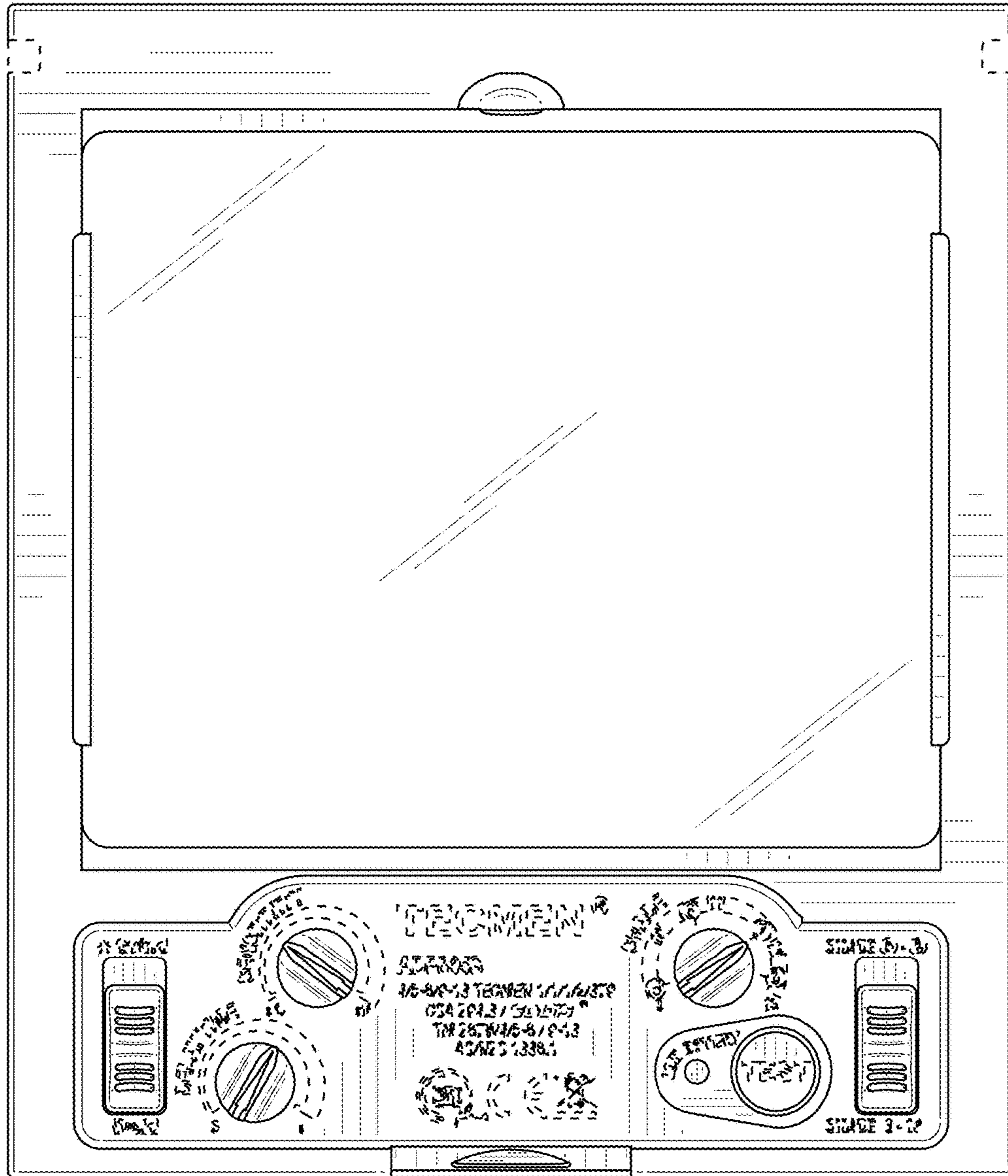
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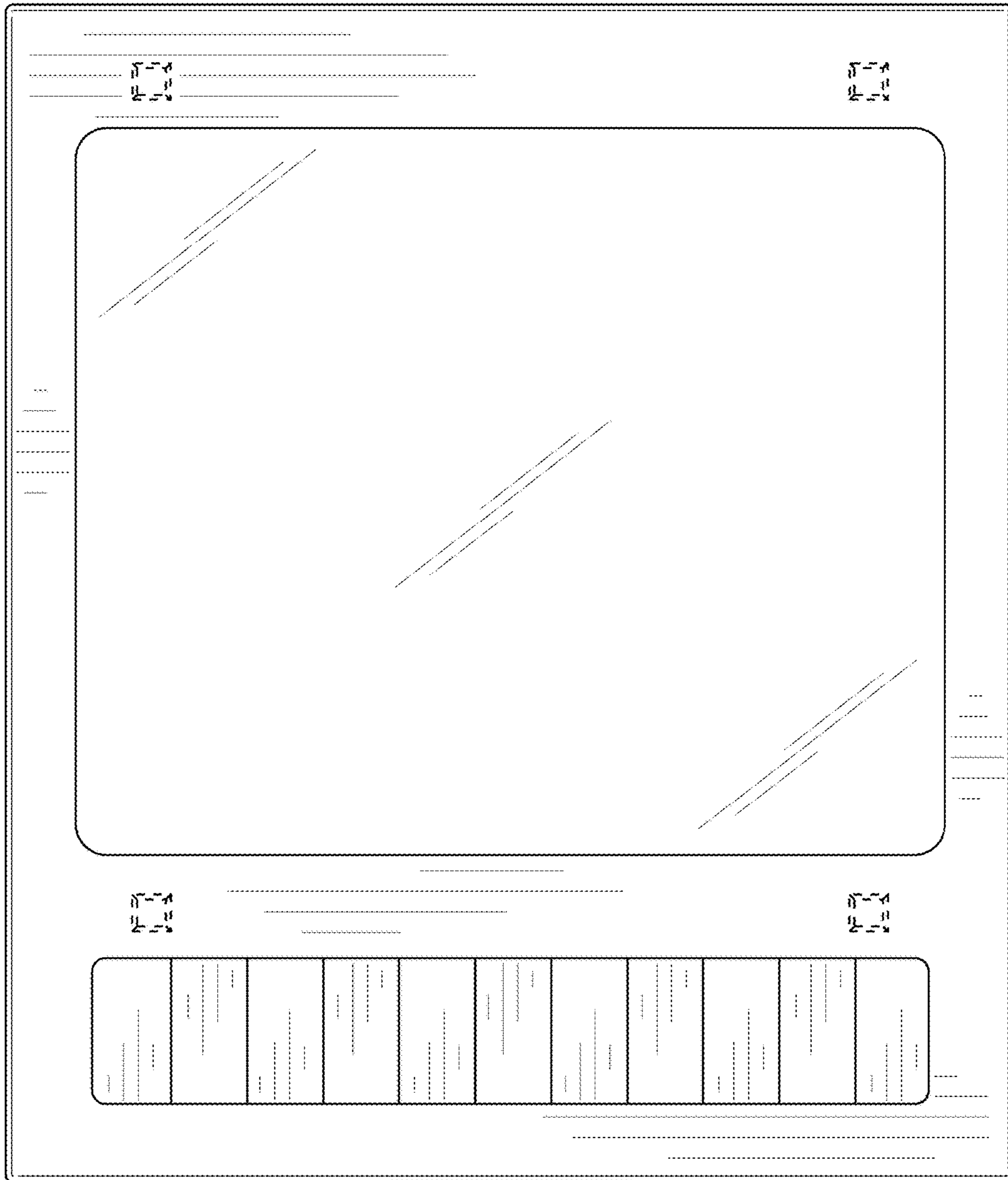
**FIG. 1**



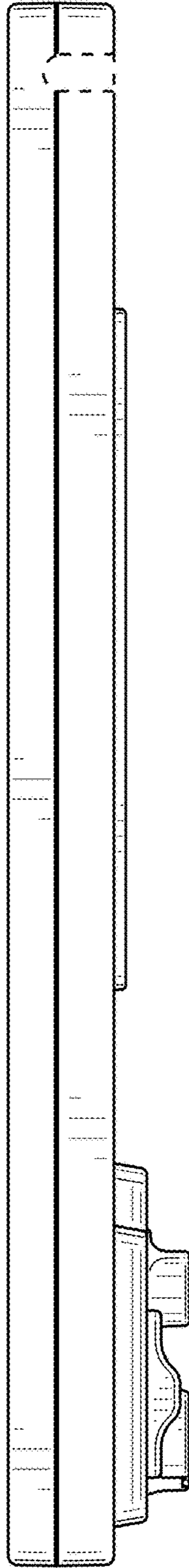
**FIG. 2**



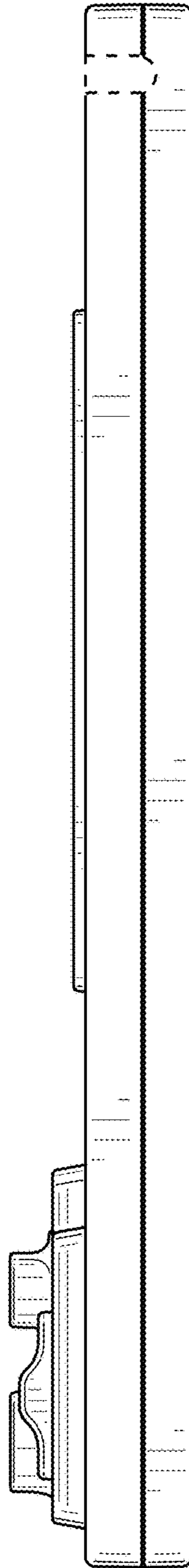
**FIG. 3**



**FIG. 4**

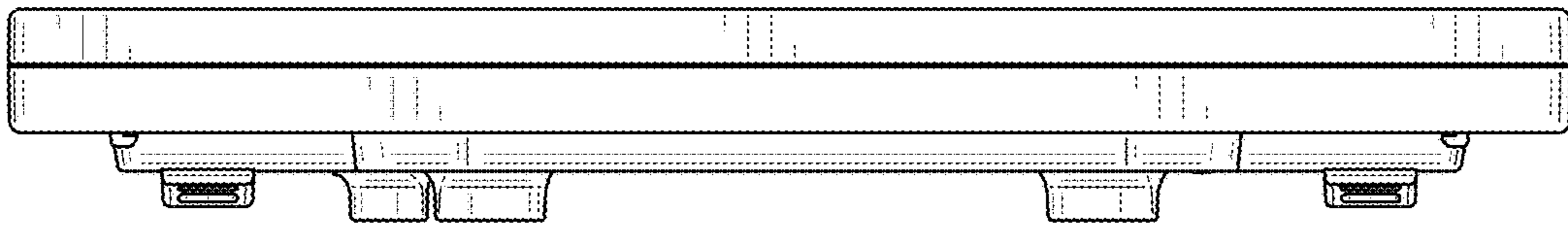


**FIG. 5**

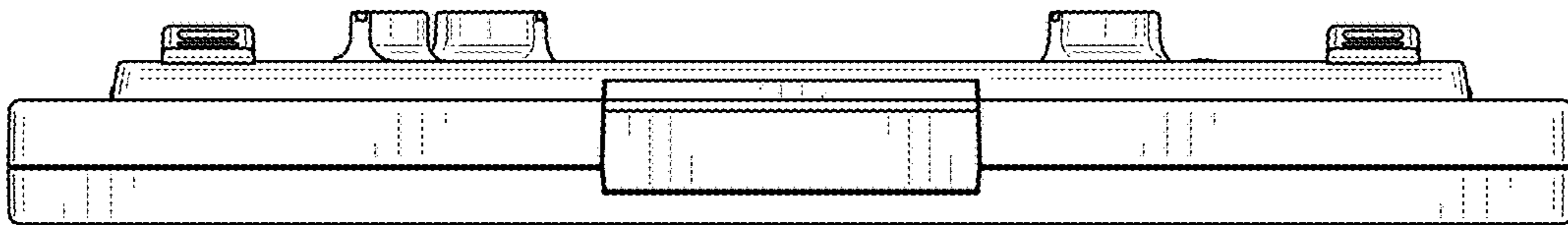


**FIG. 6**





**FIG. 7**



**FIG. 8**