

US00D502254S

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

(10) **Patent No.:** **US D502,254 S**

(45) **Date of Patent:** **\*\* Feb. 22, 2005**

(54) **DOOR PANEL FOR A RESIDENTIAL GAS FURNACE**

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

(21) Appl. No.: **29/199,274**

(22) Filed: **Feb. 12, 2004**

(51) **LOC (7) Cl.** ..... **23-03**

(52) **U.S. Cl.** ..... **D23/329**

(58) **Field of Search** ..... D23/318, 320,  
D23/314, 322, 329; 126/67, 77, 190; 110/108,  
116, 173 R, 173 C

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,160,264 A	5/1939	Furlong	
2,243,916 A	6/1941	Mueller	
D148,786 S	* 2/1948	Green	D23/329
D159,487 S	* 8/1950	Jaye	D23/329
D186,006 S	* 8/1959	Fiedler	D23/329
2,948,276 A	* 8/1960	Harding	126/67
D203,908 S	2/1966	Green	
D204,219 S	3/1966	Bourner	
D211,173 S	* 5/1968	Duchinsky	D23/329
D211,790 S	7/1968	Murray	
D230,981 S	* 3/1974	Dupler	D23/329
D285,830 S	9/1986	Daily et al.	
D307,632 S	5/1990	Schulz	
D325,254 S	4/1992	Ruuskanen	

D345,203 S	*	3/1994	Blevins, Jr.	D23/329
D350,189 S	*	8/1994	Blevins, Jr.	D23/329
5,377,662 A		1/1995	Mills et al.	
D357,063 S	*	4/1995	Blevins, Jr.	D23/329
D357,732 S		4/1995	Spechts et al.	
D359,344 S		6/1995	De'Longhi	
5,429,113 A		7/1995	Fowler	
D374,927 S		10/1996	Chabot	
D385,023 S		10/1997	Newman et al.	
D402,741 S		12/1998	Chen	
D409,739 S		5/1999	Hood et al.	
D427,302 S		6/2000	Mills et al.	
6,321,034 B2		11/2001	Jones-Lawlor et al.	
6,389,994 B1		5/2002	Chase et al.	
6,428,592 B1		8/2002	Chase et al.	
6,494,199 B1		12/2002	Zia et al.	
D469,172 S		1/2003	Warren et al.	
D483,844 S	*	12/2003	Yamamoto et al.	D23/320

**FOREIGN PATENT DOCUMENTS**

AU	0183612 A5	5/2002
CA	2358303	4/2002

\* cited by examiner

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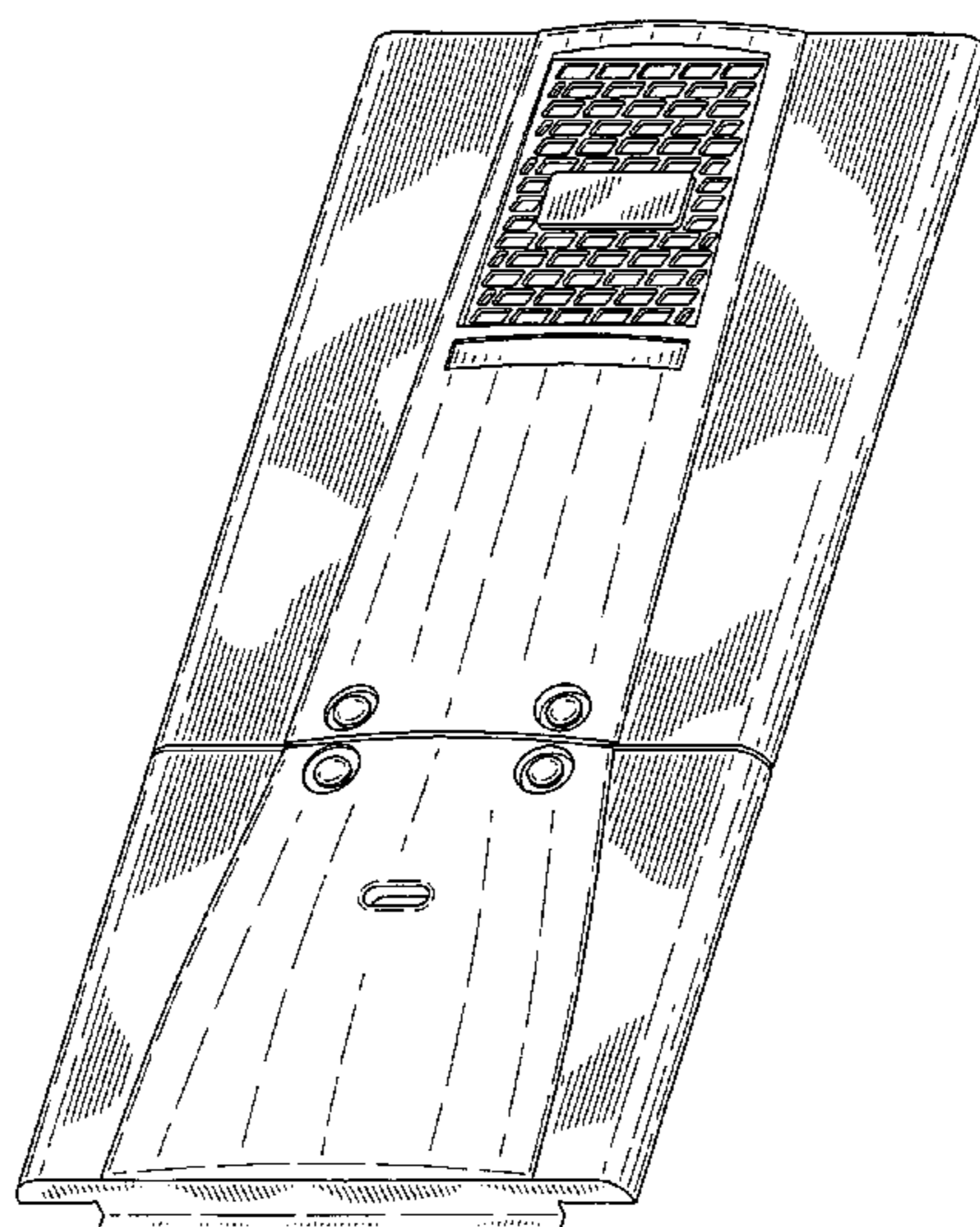
(57) **CLAIM**

The ornamental design for a door panel for a residential gas furnace, as shown.

**DESCRIPTION**

FIG. 1 is an isometric view of a door panel for a residential gas furnace showing our new design; FIG. 2 is a top view of the door panel of FIG. 1; FIG. 3 is a front view of the door panel of FIG. 1; FIG. 4 is a right side view of the door panel of FIG. 1; FIG. 5 is a rear view of the door panel of FIG. 1; FIG. 6 is a left side view of the door panel of FIG. 1; and, FIG. 7 is a bottom view of the door panel of FIG. 1.

**1 Claim, 3 Drawing Sheets**



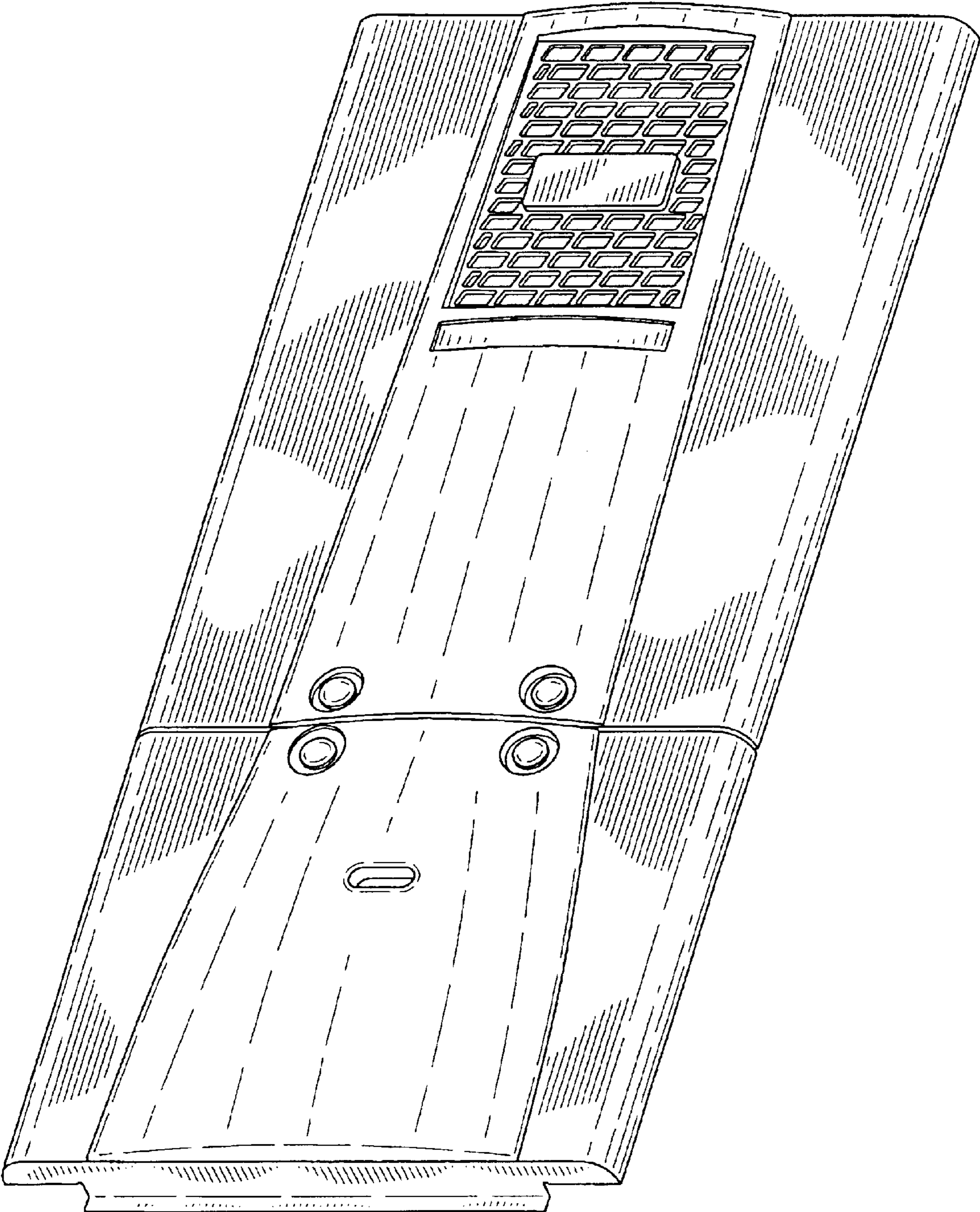


FIG-1

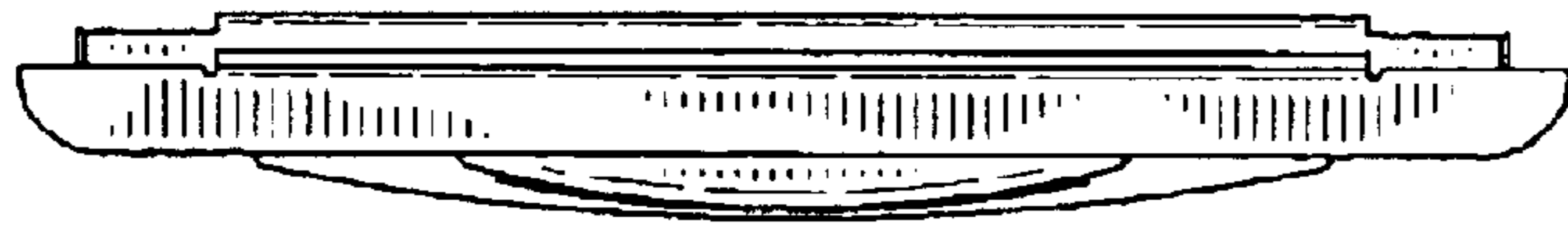


FIG-2

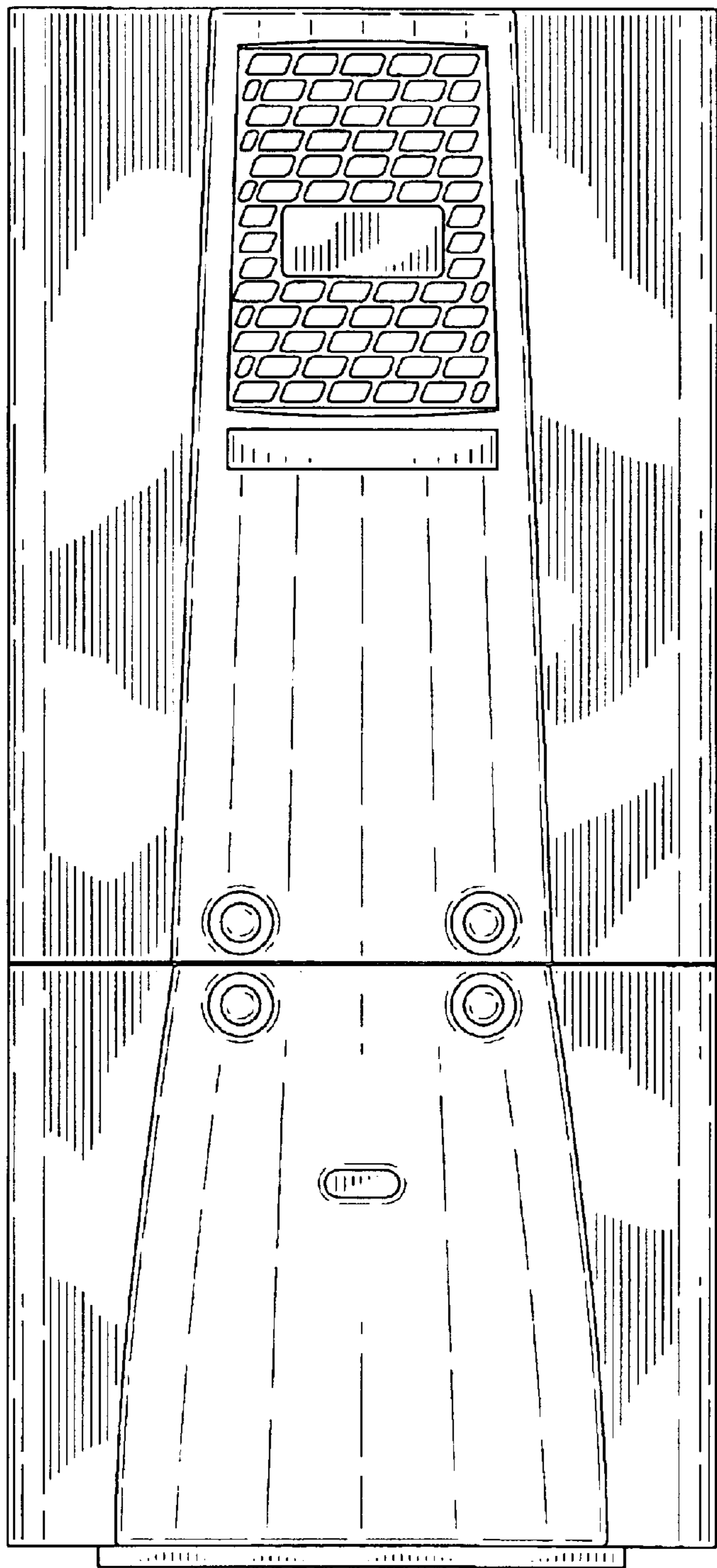


FIG-3

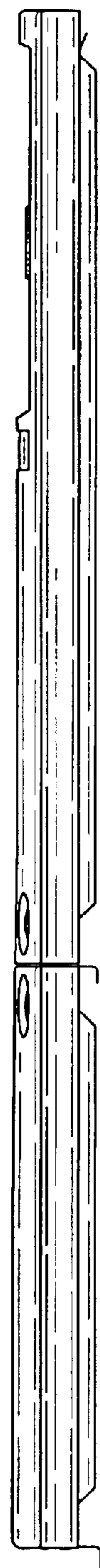


FIG-4



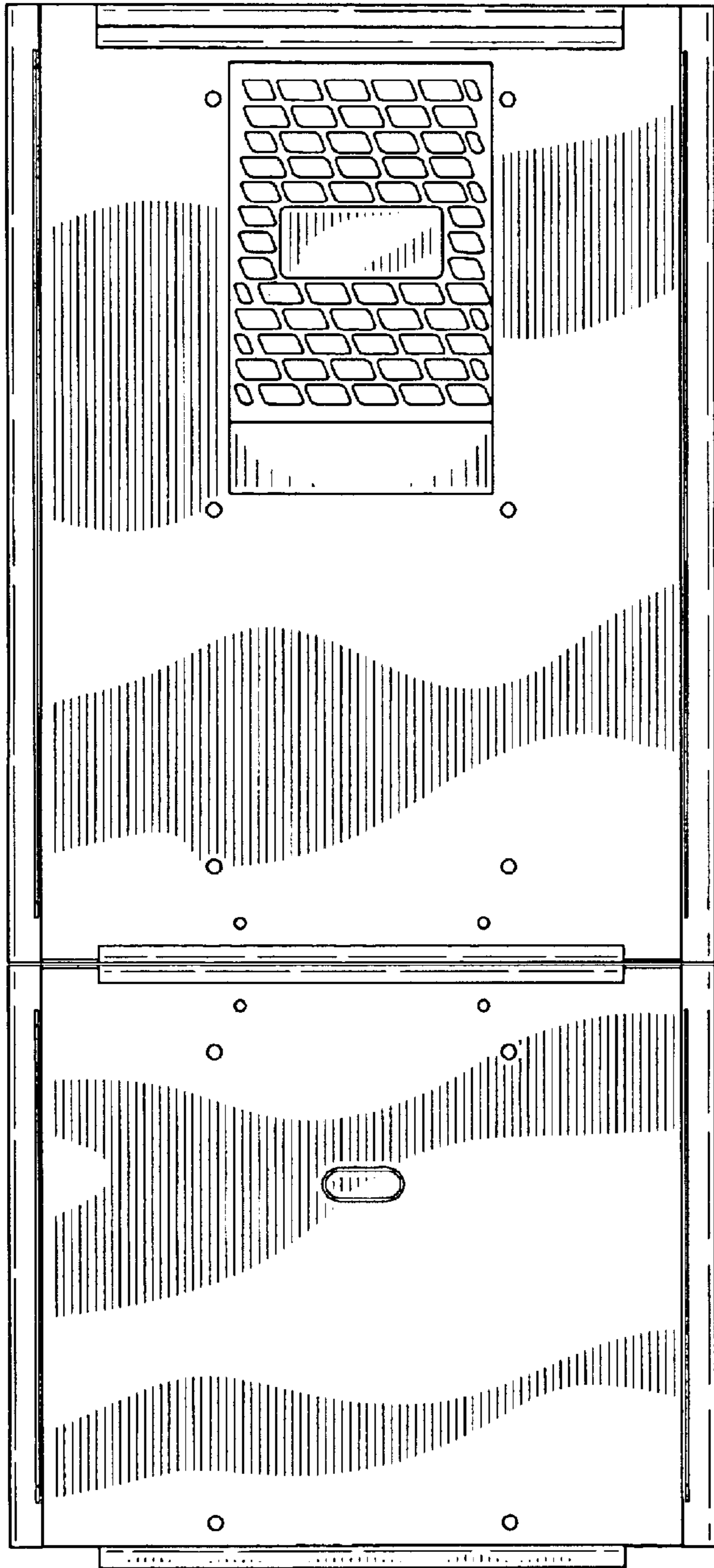


FIG-5

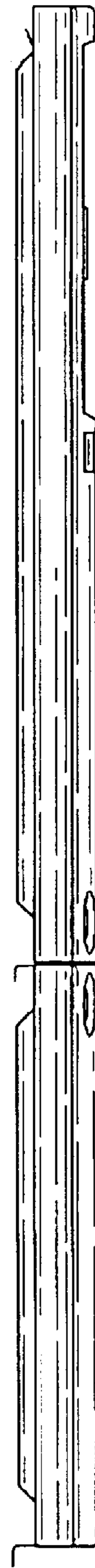


FIG-6



FIG-7

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

PATENT NO. : Des. 502,254 S  
DATED : February 22, 2005  
INVENTOR(S) : Smith et al.

Page 1 of 1

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

Title page.

*Primary Examiner*, "Brian N Vinson" should be -- Brian N. Vinson --.

Item [57], **DESCRIPTION**,

Figure 6, "and," should be -- and --.

Signed and Sealed this

Thirtieth Day of August, 2005

A handwritten signature in black ink on a light gray dotted background. The signature reads "Jon W. Dudas" in a cursive style.

JON W. DUDAS

*Director of the United States Patent and Trademark Office*