



US00D73882S

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

(10) **Patent No.:** **US D738,882 S**  
(45) **Date of Patent:** **\*\* Sep. 15, 2015**

- (54) **TOUCHLESS MICROWAVE SWITCH**
- (71) Applicant: **Essex Electronics, Inc.**, Carpinteria, CA (US)
- (72) Inventors: **Henry L. Miskiewicz**, Carpinteria, CA (US); **Garrett Y. Kaufman**, Carpinteria, CA (US); **John C. Echols**, Santa Barbara, CA (US); **R. Douglas Hogg**, Santa Barbara, CA (US)
- (73) Assignee: **Essex Electronics, Inc.**, Carpinteria, CA (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/486,553**
- (22) Filed: **Mar. 31, 2014**
- (51) **LOC (10) Cl.** ..... **14-02**
- (52) **U.S. Cl.**  
USPC ..... **D14/385**
- (58) **Field of Classification Search**  
USPC ..... D14/356-358, 383-385, 420, 426, 427, D14/432-439, 447, 453, 454, 217, 253, D14/299; D13/107, 108, 133, 146, 147, D13/152, 154, 156, 158, 162, 162.1, 168, D13/173, 177, 102; 235/441, 451, 492, 380, 235/439, 375  
CPC ... G06Q 20/347; G06Q 20/322; G06Q 40/02; G06Q 30/06; G07F 7/0886  
See application file for complete search history.

D580,438 S *	11/2008	Kuchler .....	D14/385
D681,639 S *	5/2013	Cruz et al. ....	D14/385
D684,574 S *	6/2013	Taunay da Graca	
		Couto .....	D14/385
D684,575 S *	6/2013	Taunay da Graca	
		Couto .....	D14/385
D686,932 S *	7/2013	Kaufman et al. ....	D10/106.8
D698,789 S *	2/2014	Daniel .....	D14/385
D707,676 S *	6/2014	Azuma .....	D14/385
D707,677 S *	6/2014	Azuma .....	D14/385
D707,678 S *	6/2014	Azuma .....	D14/385
D709,069 S *	7/2014	Cruz et al. ....	D14/385
D711,876 S *	8/2014	McWilliam et al. ....	D14/385
8,869,073 B2 *	10/2014	Freeman et al. ....	715/863
D724,588 S *	3/2015	Miskiewicz et al. ....	D14/385
2014/0149950 A1 *	5/2014	Mun et al. ....	715/863
2014/0157210 A1 *	6/2014	Katz et al. ....	715/863
2014/0237432 A1 *	8/2014	Geurts et al. ....	715/863

\* cited by examiner

*Primary Examiner* — Austin Murphy

(74) *Attorney, Agent, or Firm* — Leech Tishman Fuscaldo & Lampl; Kenneth D'Alessandro, Esq.

(57) **CLAIM**

The ornamental design for a touchless microwave switch, as shown and described.

**DESCRIPTION**

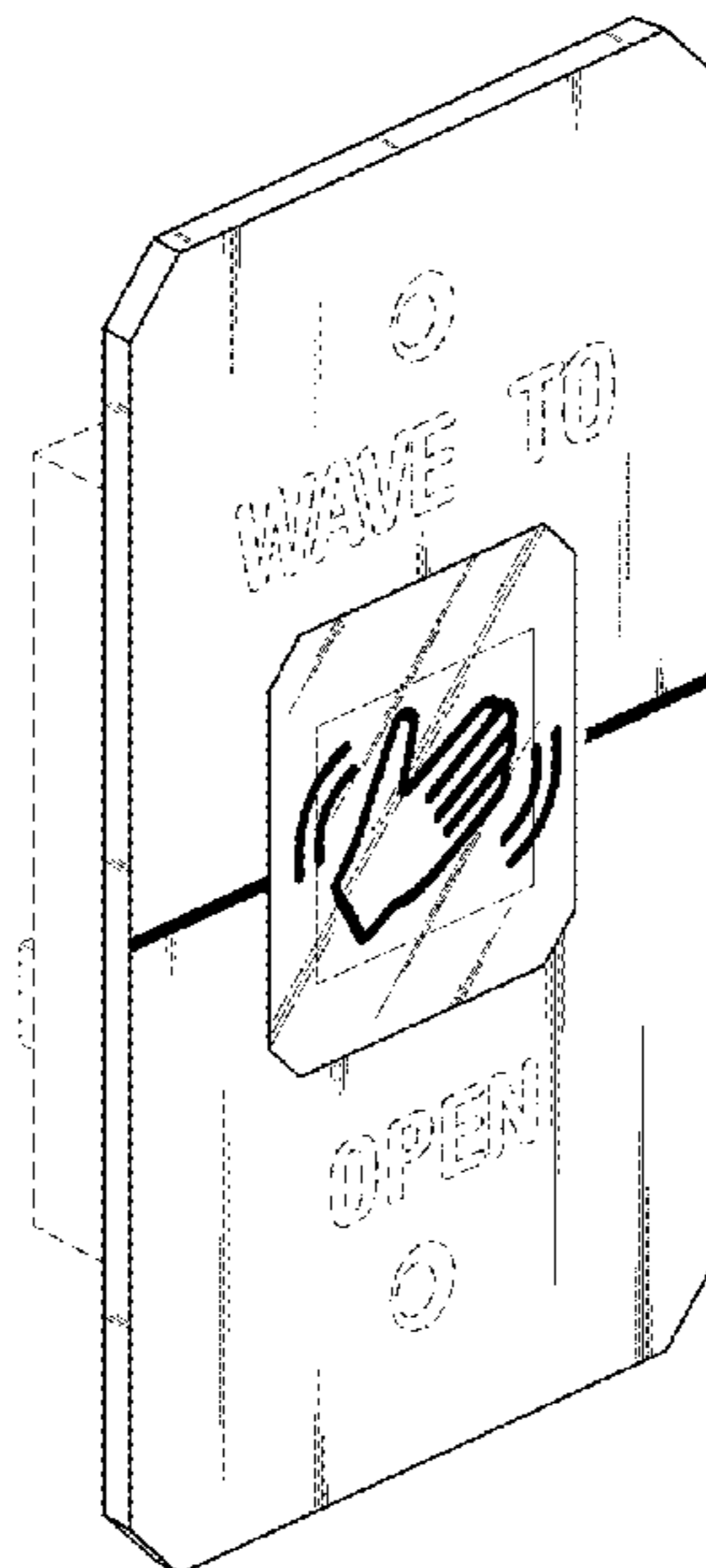
FIG. 1 is a front view of a touchless microwave switch showing our new design;  
 FIG. 2 is a rear view thereof;  
 FIG. 3 is a top view thereof;  
 FIG. 4 is a bottom view thereof;  
 FIG. 5 is a left side view thereof;  
 FIG. 6 is a right side view thereof; and,  
 FIG. 7 is an upper left perspective view thereof.  
 The broken line showings of FIGS. 1-7 are not part of the claimed design.

**1 Claim, 4 Drawing Sheets**

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,594,469 A *	1/1997	Freeman et al. ....	345/158
6,104,379 A *	8/2000	Petrich et al. ....	345/157
D535,994 S *	1/2007	Leibenguth .....	D14/385
D571,805 S *	6/2008	Leung et al. ....	D14/385



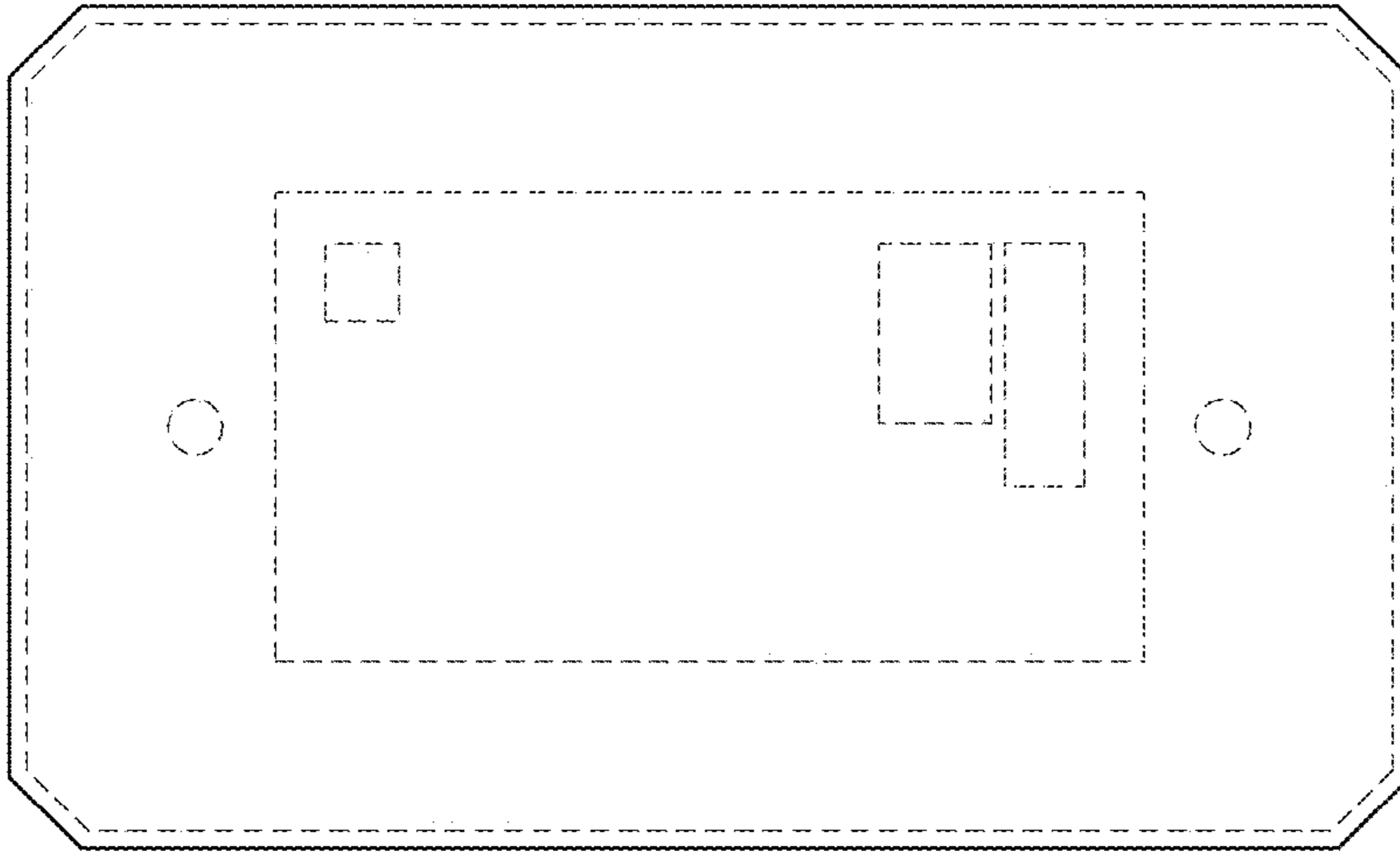


FIG. 2

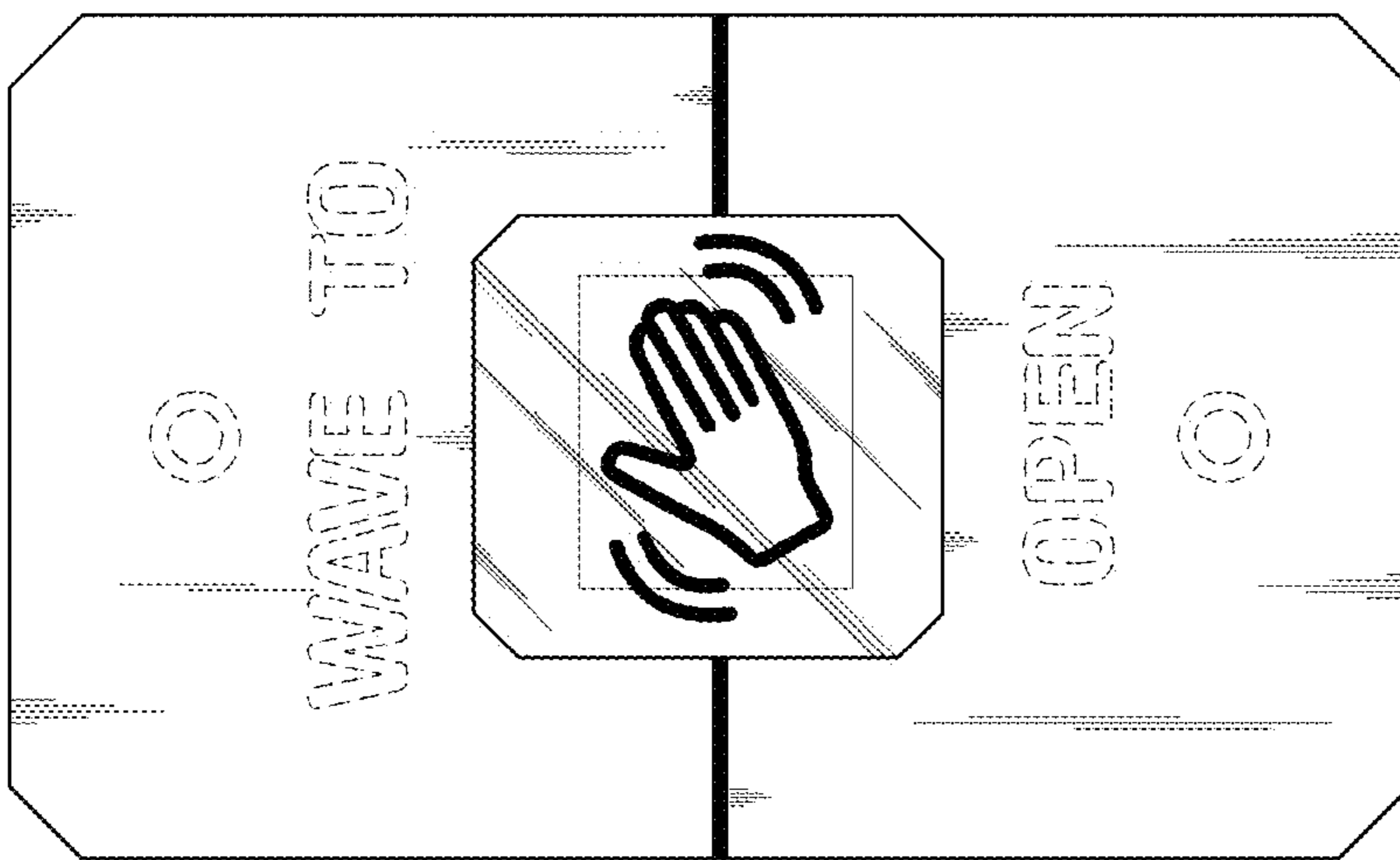


FIG. 1

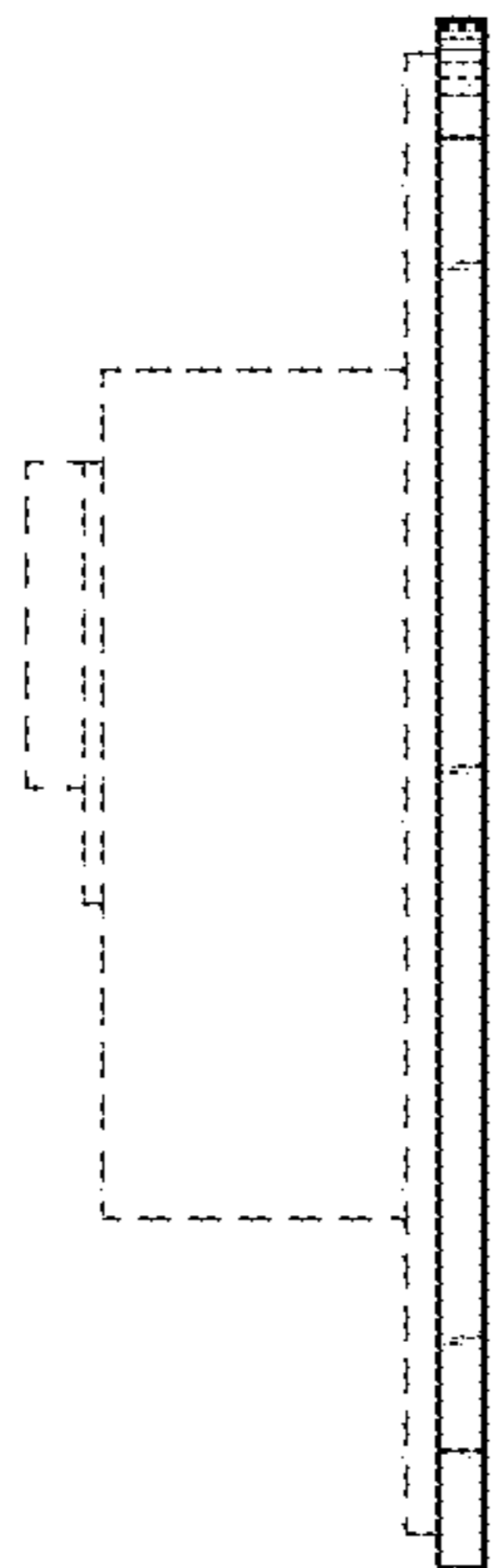
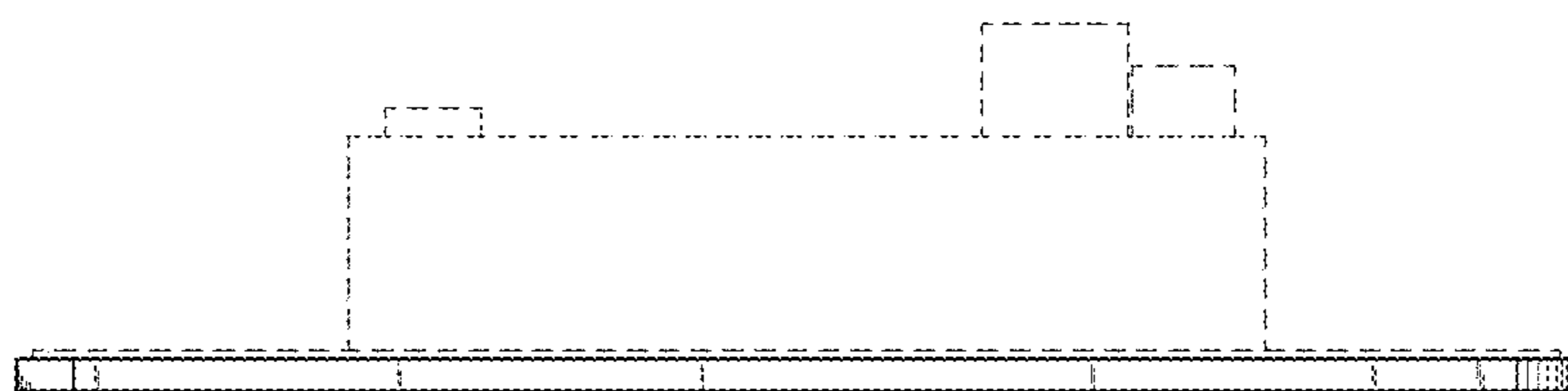


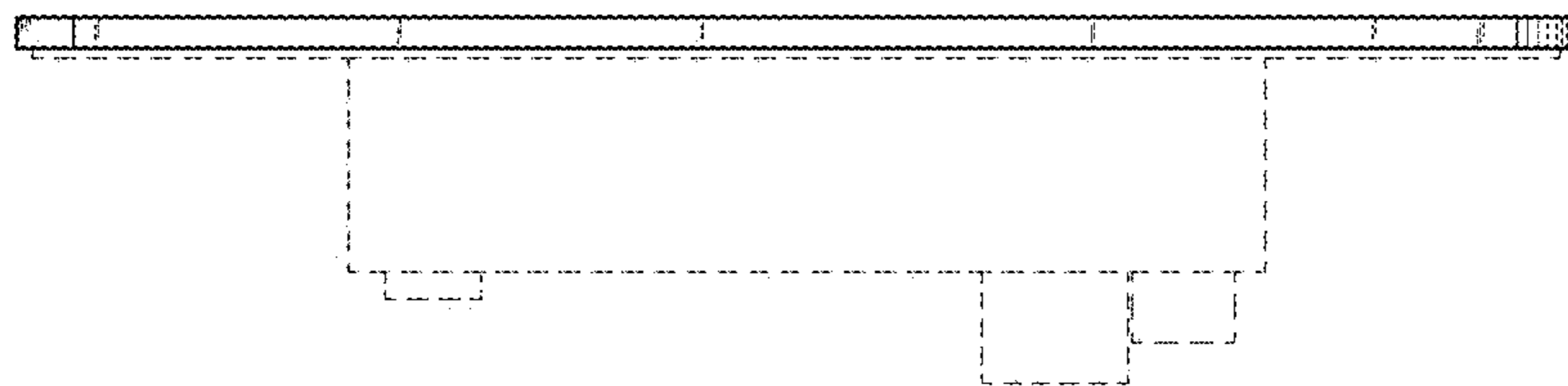
FIG. 3



FIG. 4



**FIG. 6**



**FIG. 5**

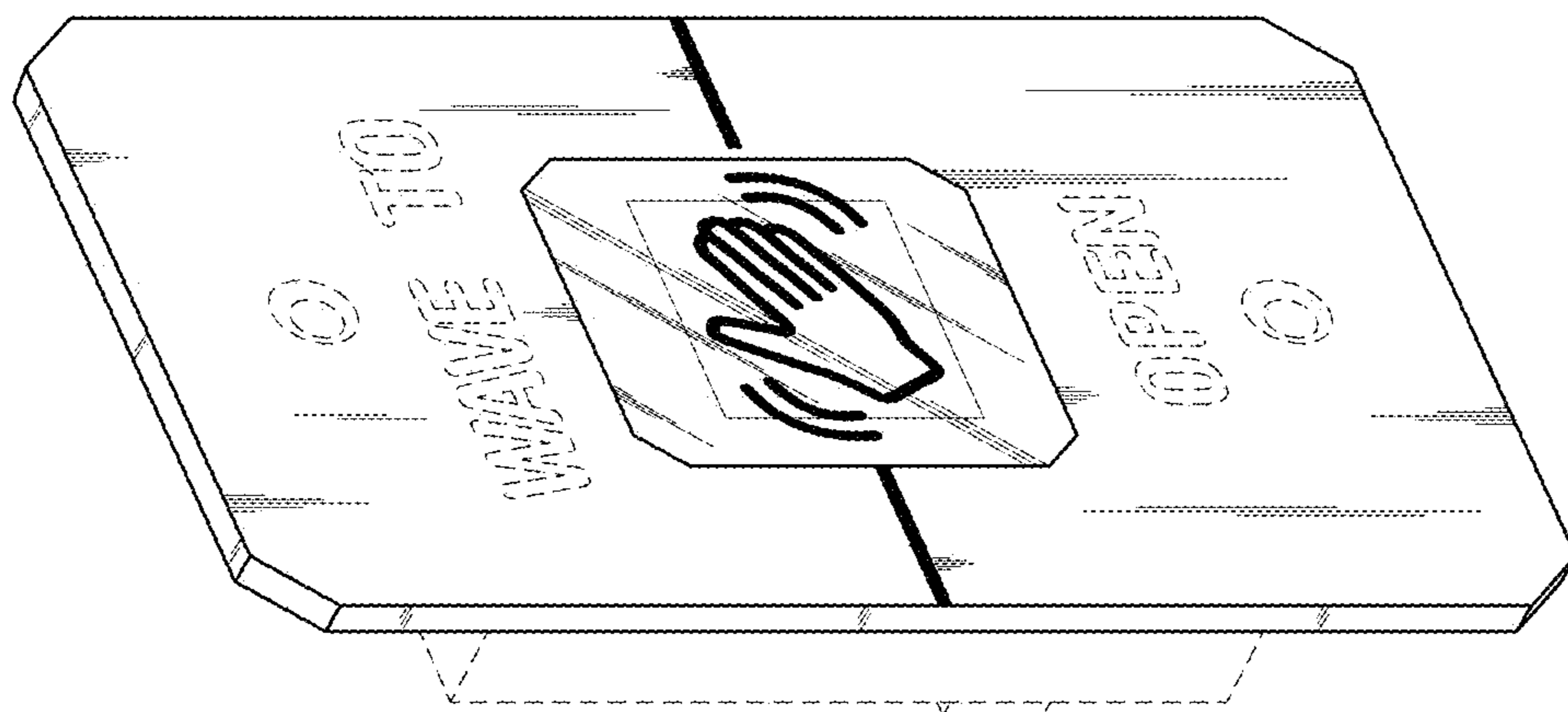


FIG. 7