

US00D764337S

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

(10) **Patent No.:** **US D764,337 S**  
(45) **Date of Patent:** **\*\* Aug. 23, 2016**

- (54) **MATRIX CLOCK** D237,793 S 11/1975 Loubier  
3,925,977 A \* 12/1975 Maezawa ..... G09F 9/302  
345/33
- (71) Applicant: **Biegert & Funk Product GmbH & Co.** D240,605 S \* 7/1976 Sticker ..... D10/38  
**KG, Schwäbisch Gmünd (DE)** D241,627 S 9/1976 Bailey
- (72) Inventors: **Andreas Funk, Schwäbisch Gmünd** D241,628 S 9/1976 Bailey  
**(DE); Marco Biegert, Gmünd (DE)** D241,725 S 10/1976 Bailey  
4,022,015 A 5/1977 Bailey  
4,041,692 A \* 8/1977 Marshino ..... G04G 9/042  
368/240
- (73) Assignee: **Biegert & Funk Product GmbH & Co.** D253,042 S 10/1979 Fee  
**KG, Schwabisch Gmünd (DE)** D253,402 S 11/1979 Day  
4,233,681 A 11/1980 Murata  
D263,808 S 4/1982 Tanaka
- (\*\*) Term: **15 Years**

(Continued)

- (21) Appl. No.: **29/547,558**
- (22) Filed: **Dec. 4, 2015**

**Related U.S. Application Data**

- (62) Division of application No. 29/336,765, filed on May 8, 2009, now Pat. No. Des. 744,862.
- (51) **LOC (10) Cl.** ..... **10-07**
- (52) **U.S. Cl.**  
USPC ..... **D10/125; D10/1; D10/24**
- (58) **Field of Classification Search**  
USPC ..... D10/30-39, 1-29, 122-132; D14/485,  
D14/490; D20/19, 20  
CPC .... G04B 19/00; G04B 19/2207; G04B 19/23;  
G04B 19/30; G02F 1/1335; G04F 9/302;  
G09F 23/00; G09F 23/16; G04G 3/004;  
G04G 9/00; G04G 9/0064; G04G 9/02;  
G04G 9/042; G04G 9/047; G04G 9/06;  
G04G 9/082; G04G 9/102  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 3,626,410 A \* 12/1971 deKoster ..... G04G 9/06  
205/149
- 3,841,082 A 10/1974 Cuevas et al.

**OTHER PUBLICATIONS**

Jeweler's Circular-Keystone, May 1972, p. 12, watch with hours on dial inscribed in script.

*Primary Examiner* — Martie K Holtje

(74) *Attorney, Agent, or Firm* — Vidas Arrett & Steinkraus

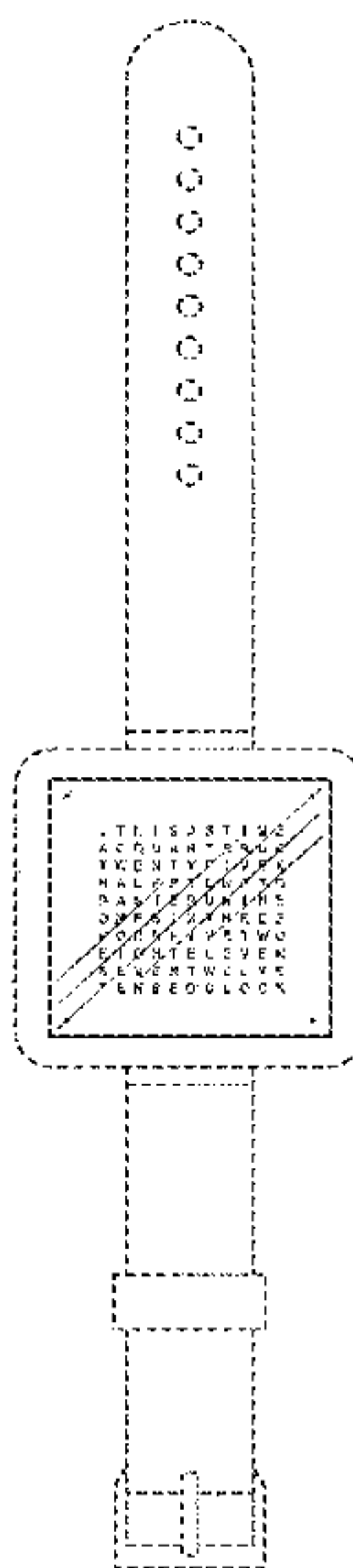
(57) **CLAIM**

The ornamental design for a matrix clock, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a matrix clock showing our new design in use in an environment;  
 FIG. 2 is a front elevational view thereof in use in an alternate environment;  
 FIG. 3 is a front elevational view thereof in use in a second alternate environment; and,  
 FIG. 4 is a front elevational view thereof in use in a third alternate environment.  
 The computer monitor in FIG. 1, the laptop in FIG. 2, the mobile phone in FIG. 3, and the wristwatch in FIG. 4 have been shown for the purpose of illustrating environment that forms no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D271,383 S *	11/1983	Cuccia	.....	D10/126	D467,818 S	12/2002	Chan	
D271,950 S	12/1983	Moore			6,556,513 B2 *	4/2003	Wimberly	..... G04B 19/23 368/223
4,472,066 A *	9/1984	Murakami	.....	G09G 3/004 345/56	D475,304 S	6/2003	Morgan	
D275,938 S	10/1984	Sonier			6,628,571 B2 *	9/2003	Emami	..... G04G 9/02 368/223
D297,816 S	9/1988	Dawson, Jr.			6,714,486 B2 *	3/2004	Biggs	..... G04G 9/00 368/10
D298,609 S	11/1988	Dawson, Jr.			6,882,597 B2	4/2005	Kent	
D304,553 S *	11/1989	Helsten	.....	D10/126	6,958,955 B2	10/2005	Yuzuki et al.	
D327,448 S	6/1992	Dumas			D545,232 S	6/2007	Waldman	
D353,777 S	12/1994	Braisted			7,441,415 B2 *	10/2008	Radley-Smith	..... A44C 5/0015 345/46
D354,006 S	1/1995	Braisted			D581,290 S	11/2008	Corchado	
D405,701 S	2/1999	Marshall			D603,741 S	11/2009	Waldman	
5,892,455 A *	4/1999	Matsumoto	.....	G09F 23/16 340/7.55	7,755,977 B2 *	7/2010	Furetta	..... G02F 1/1335 349/56
5,896,348 A *	4/1999	Lyon	.....	G04G 9/02 368/223	7,841,209 B2 *	11/2010	Radley-Smith	..... A44C 5/0015 368/282
6,216,490 B1 *	4/2001	Radley-Smith	.....	A44C 5/0015 345/56	8,111,589 B2 *	2/2012	Vidal	..... G04F 9/047 368/242
6,219,307 B1	4/2001	Chitturi			D681,483 S *	5/2013	Biegert	..... D10/38
D447,435 S *	9/2001	Thomas	.....	D10/124	D744,862 S *	12/2015	Funk	..... D10/1
D447,975 S	9/2001	Padilla			2011/0157186 A1 *	6/2011	Funk	..... G04G 9/102 345/467
6,307,813 B1 *	10/2001	Leggio	.....	G04G 9/00 368/63				

\* cited by examiner

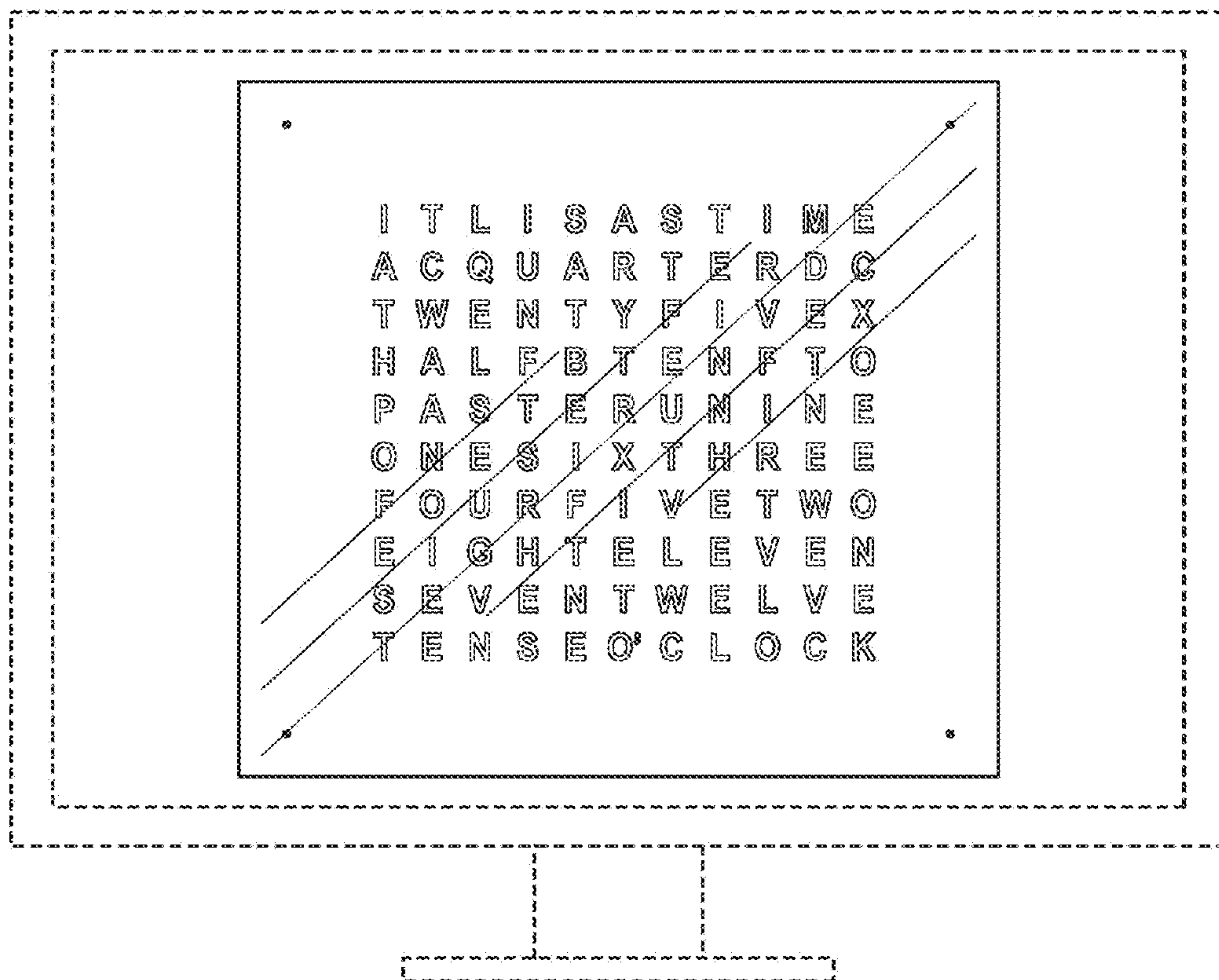


FIG. 1

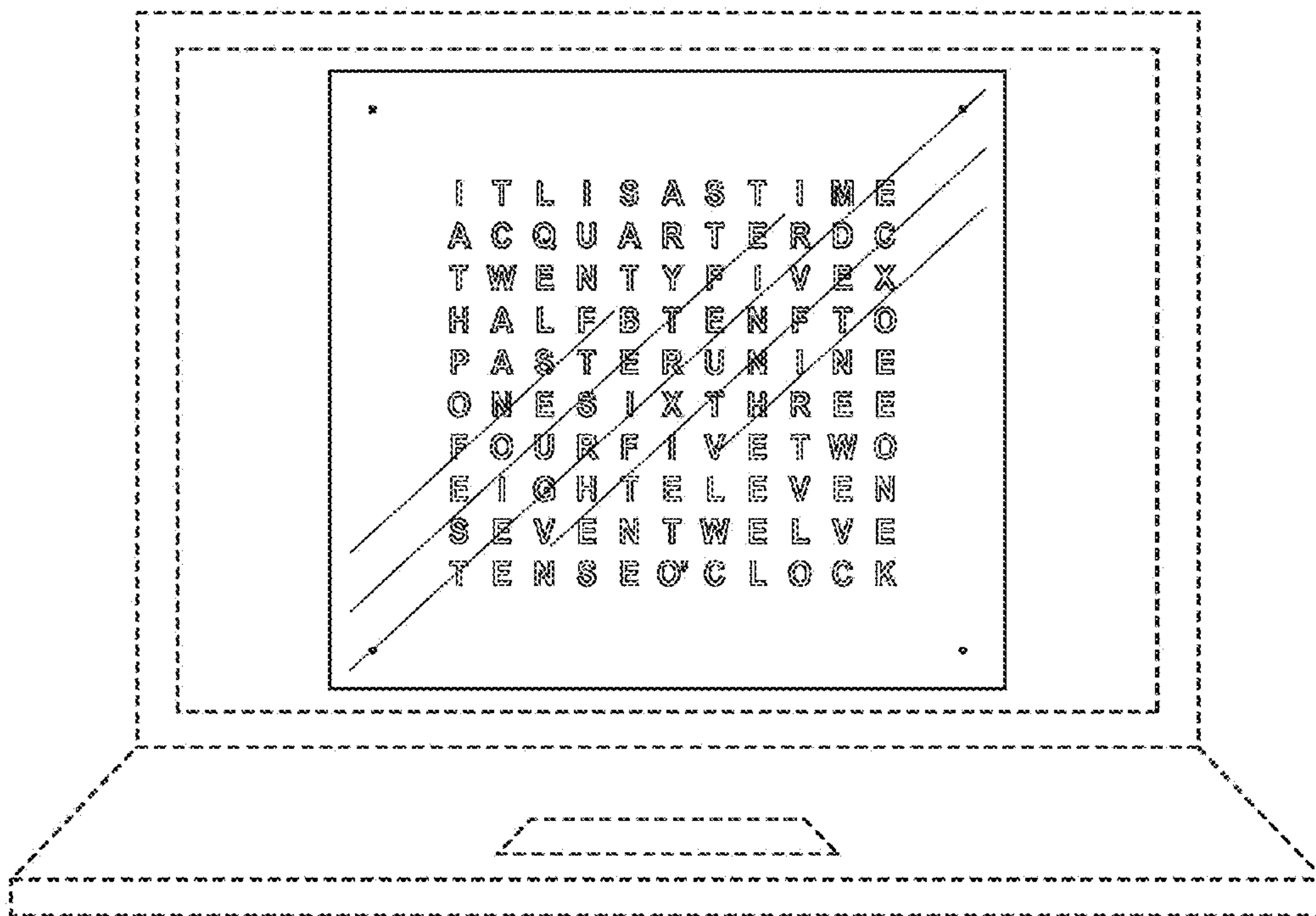
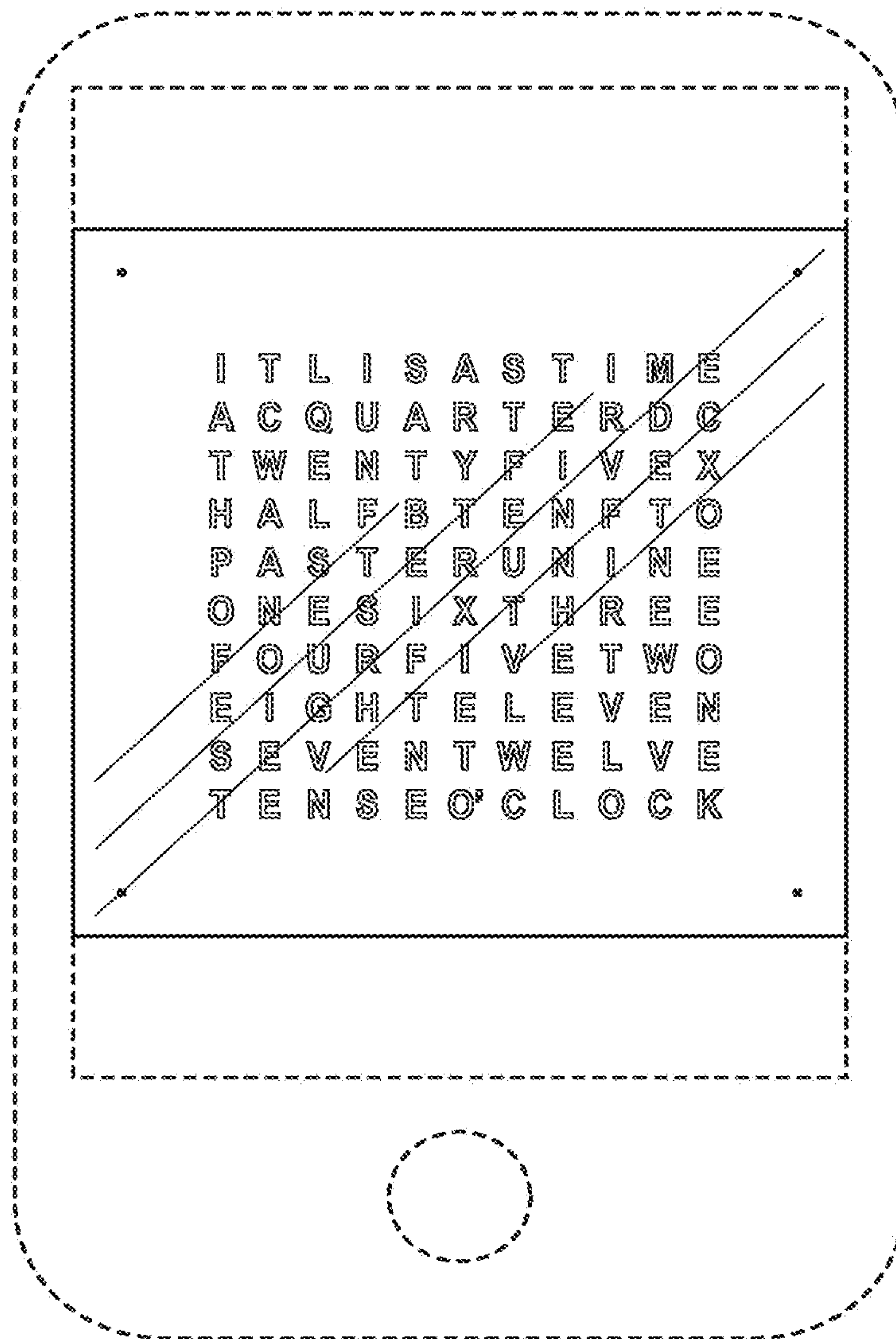


FIG. 2





**FIG. 3**

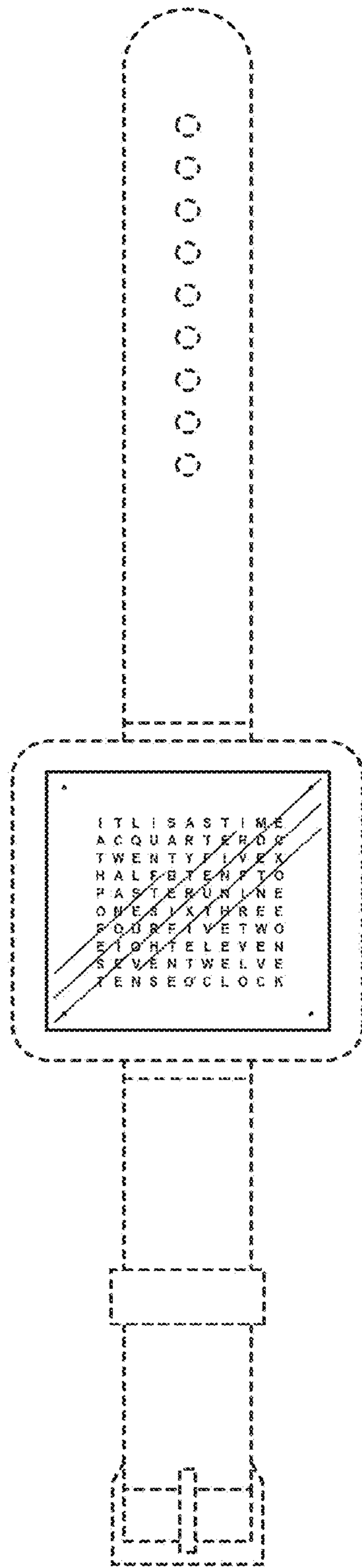


FIG. 4