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(12) United States Design Patent

Ockham et al.

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(54) **LED ASSAY READER**

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(73) Assignee: **IMMUNETICS, INC.**, Boston, MA (US)

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

(21) Appl. No.: **29/469,583**

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(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/186**

(58) **Field of Classification Search**
USPC D24/107, 164, 165, 167, 169, 186–187, D24/216, 232; 601/15, 71; 600/372, 600/382, 383, 386–394, 544, 554, 528, 600/484; 607/45, 46, 115, 139, 141, 104; 422/64; D10/81
CPC A61H 2201/0207; A61H 23/0263; A61B 5/0408; A61B 5/04085; A61B 5/0478; A61B 5/04082; A61B 5/6831; A61B 5/04087; A61B 3/16; A61B 3/165; A61B 5/0476; A61B 5/05; A61B 7/04; A61B 5/0205; A61N 1/3605; A61N 1/36021; A61N 1/05; A61N 1/0472; A61N 1/0408; A61F 7/02; A63B 69/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D320,450	S	*	10/1991	Hicaro et al.	D24/107
5,089,229	A	*	2/1992	Heidt et al.	422/64
D404,140	S	*	1/1999	Meguro	D24/232
D569,526	S	*	5/2008	Duffy et al.	D24/232
D573,051	S	*	7/2008	Alden et al.	D10/81
D597,216	S	*	7/2009	McGuigan et al.	D24/216
D607,569	S	*	1/2010	Yukikado et al.	D24/186
D609,343	S	*	2/2010	Omaki	D24/165
D609,344	S	*	2/2010	Hara	D24/165
D616,100	S	*	5/2010	Moscovita et al.	D24/169
D631,968	S	*	2/2011	Sevel	D24/186
D640,378	S	*	6/2011	Okawa et al.	D24/186
D644,544	S	*	9/2011	Yukikado	D10/81
D647,209	S	*	10/2011	Muller et al.	D24/216
D651,319	S	*	12/2011	Hara	D24/165
D682,432	S	*	5/2013	Khan et al.	D24/186

* cited by examiner

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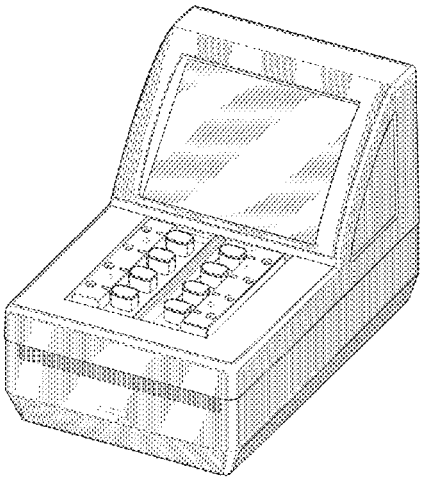
(57) **CLAIM**

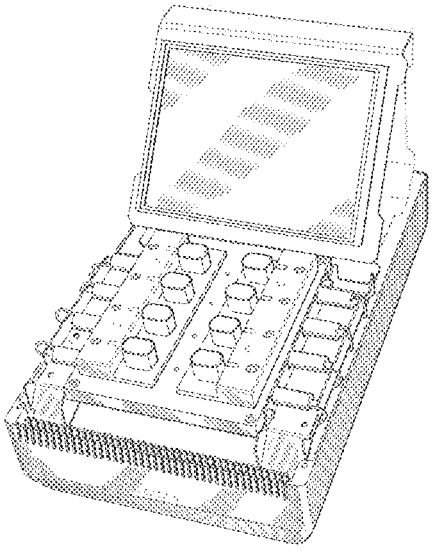
The ornamental design for a LED assay reader, as shown and described.

DESCRIPTION

FIG. **1** is a top perspective view of an assay reader;
FIG. **2** is a left side view of thereof;
FIG. **3** is a rear view thereof;
FIG. **4** is a front view thereof;
FIG. **5** is a top view thereof; and,
FIG. **6** is a top perspective view thereof with cover removed. The broken lines are included for the purpose of illustrating unclaimed portions of the LED assay reader and form no part of the claimed design.

1 Claim, 5 Drawing Sheets





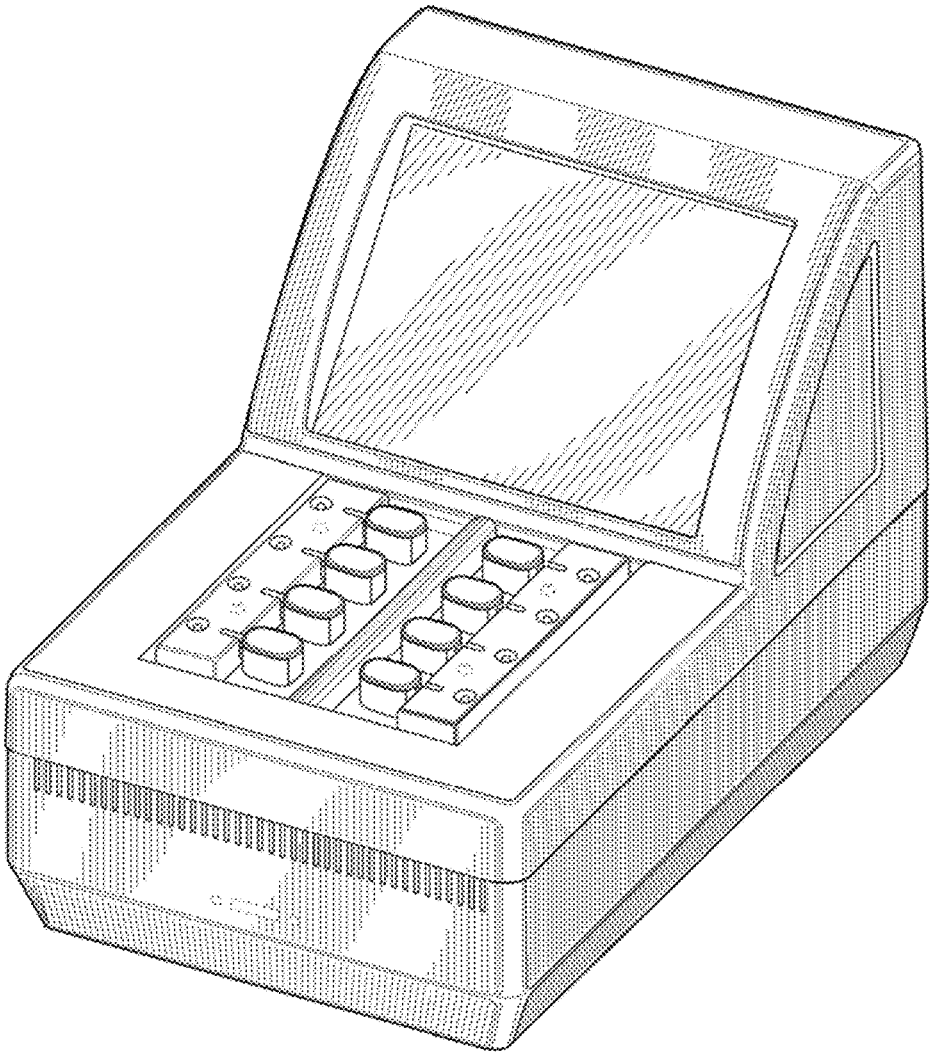


Fig. 1

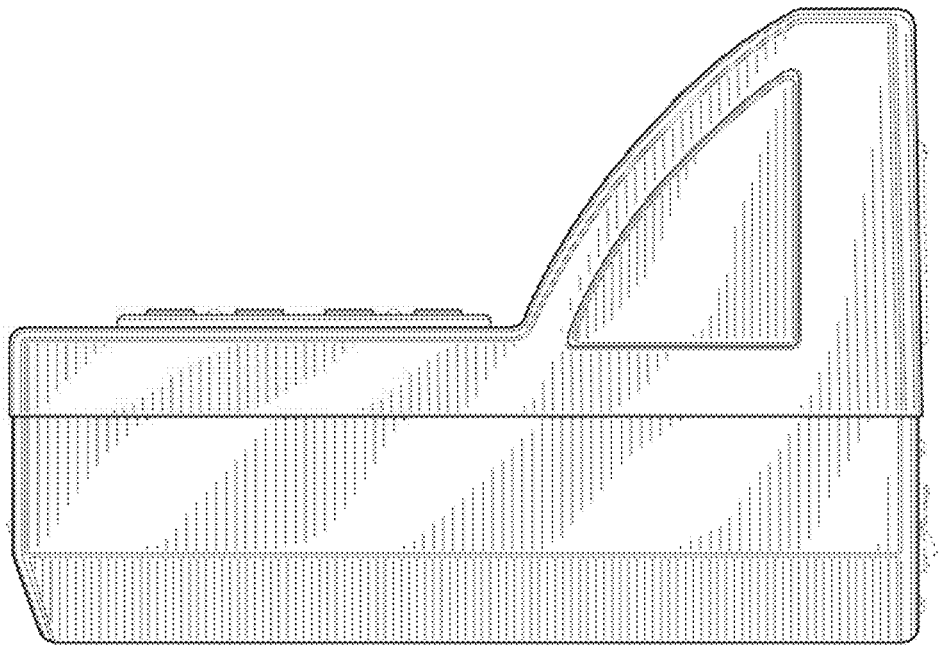


Fig. 2

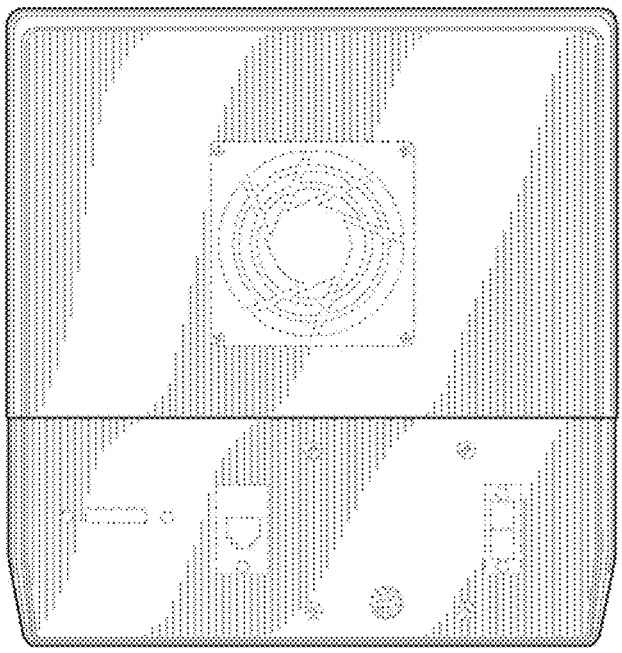


Fig. 3

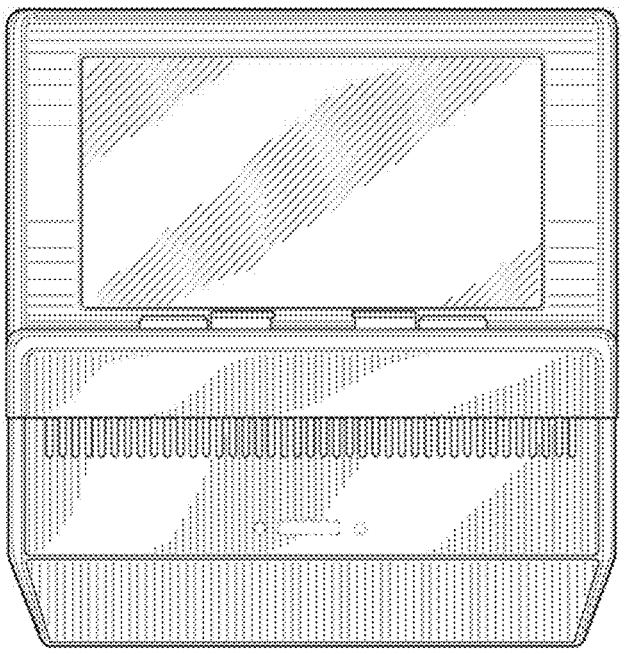


Fig. 4

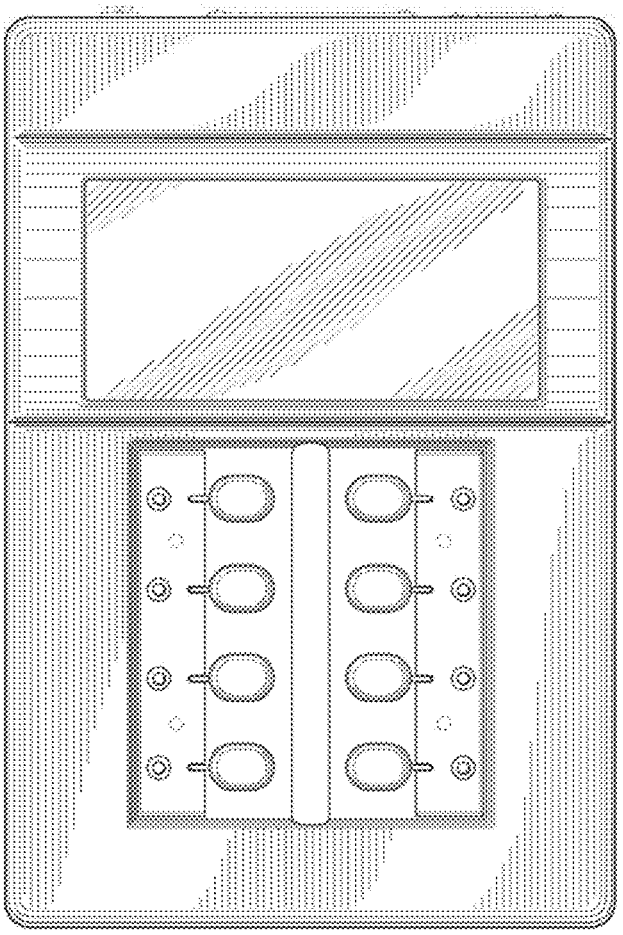


Fig. 5

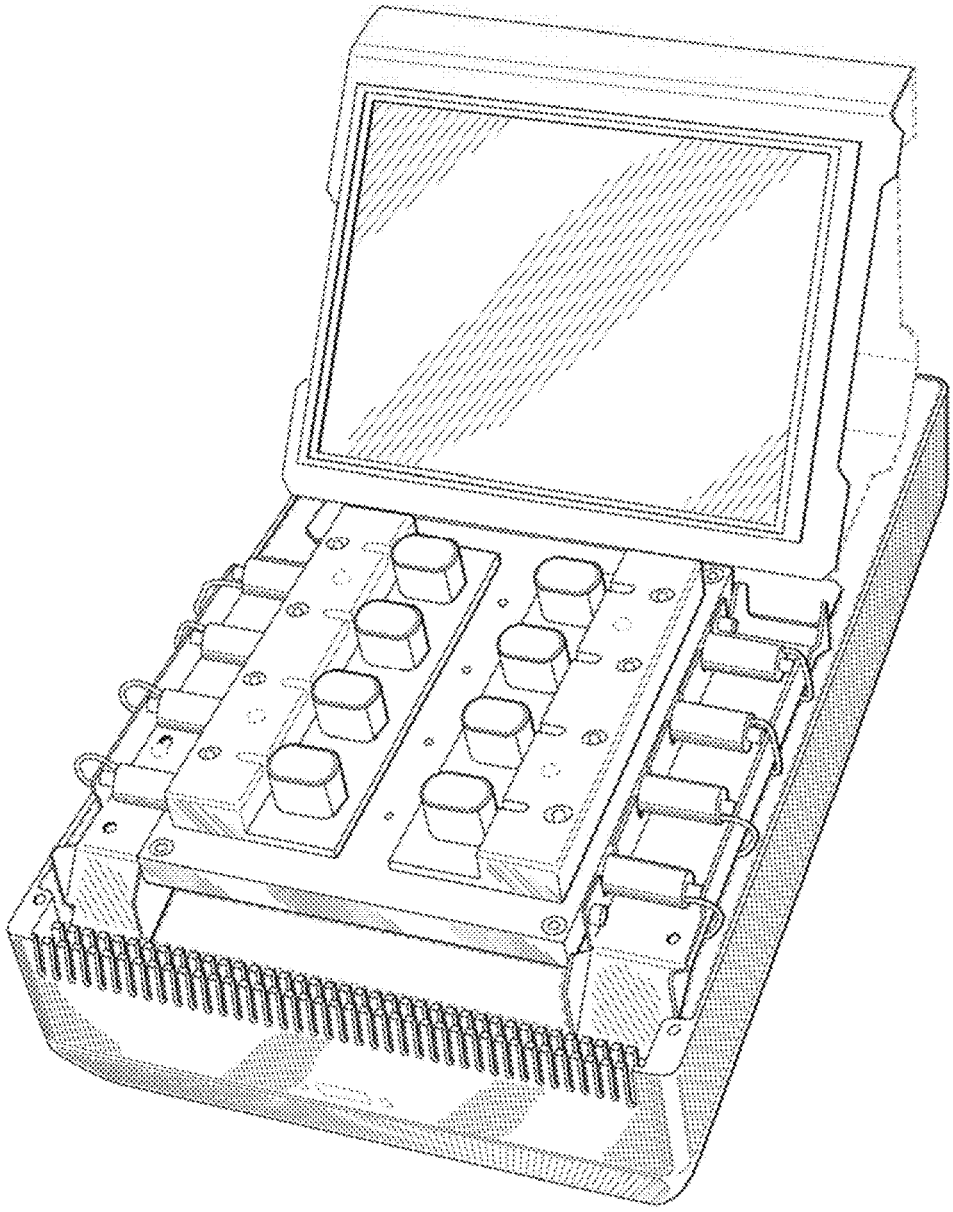


Fig. 6