

(12) **United States Design Patent** (10) **Patent No.:** **US D814,039 S**
Shinozaki et al. (45) **Date of Patent:** **** Mar. 27, 2018**

(54) **SPHYGMOMANOMETER BODY**

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(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/165**

(58) **Field of Classification Search**

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CPC A61B 5/0402; A61B 5/0404; A61B 5/021;
A61B 5/024; A61B 5/02438; A61B
5/681; A61B 2560/0205; A61B
2560/0462

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D373,419 S * 9/1996 Muramatsu D24/165
D449,890 S * 10/2001 Semeriva D24/165
D522,655 S * 6/2006 Nakagawa D24/165
D550,844 S * 9/2007 Gutmann D24/165
D690,815 S * 10/2013 Uozumi D24/165
D719,658 S * 12/2014 McDougall D24/165

(Continued)

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(57) **CLAIM**

The ornamental design for a sphygmomanometer body, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the sphygmomanometer body;

FIG. 2 is a top view of the sphygmomanometer body shown in FIG. 1;

FIG. 3 is a bottom view of the sphygmomanometer body shown in FIG. 1;

FIG. 4 is a front view of the sphygmomanometer body shown in FIG. 1;

FIG. 5 is a back view of the sphygmomanometer body shown in FIG. 1;

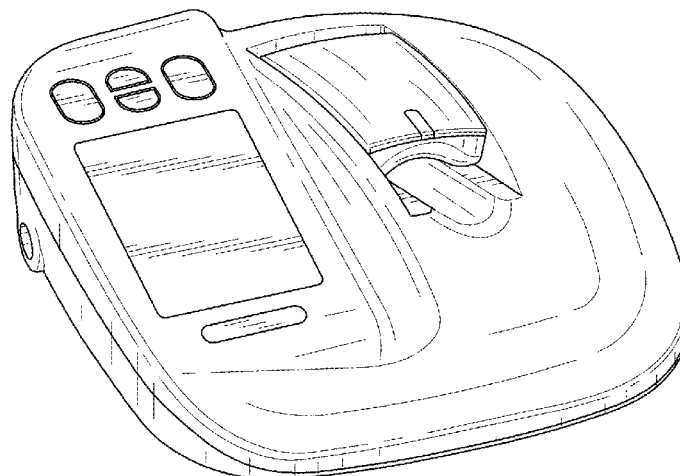
FIG. 6 is a left side view of the sphygmomanometer body shown in FIG. 1; and,

FIG. 7 is a right side view of the sphygmomanometer body shown in FIG. 1.

The sphygmomanometer body is capable of measuring a blood pressure by either by the insertion of a finger into a groove provided on the upper right surface of the sphygmomanometer body, or by the use of a cuff (not shown) connected to the sphygmomanometer body. The finger insertion groove is covered by a swingable cover. Blood pressure is measured while the tip of the finger is sandwiched between the finger insertion groove and the swingable cover. A liquid crystal display provided on the left upper surface of the sphygmomanometer body displays, for example, the highest and the lowest values of the measured blood pressure values, and a heart rate.

Shade lines indicate the shape of the three-dimensional surface, and further indicate the translucency of the liquid crystal display. A first light-emitting part and a second light-emitting part located above the liquid crystal display glow during the operation of the sphygmomanometer.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D739,941	S	*	9/2015	Uozumi	D24/165
D744,656	S	*	12/2015	Schempp	D24/165
D777,924	S	*	1/2017	Ogihara	D24/165
D806,250	S	*	12/2017	Im	D24/165
2011/0208068	A1	*	8/2011	Ariga	A61B 5/02233 600/490
2015/0112213	A1	*	4/2015	Ikeda	A61B 5/02255 600/490

* cited by examiner

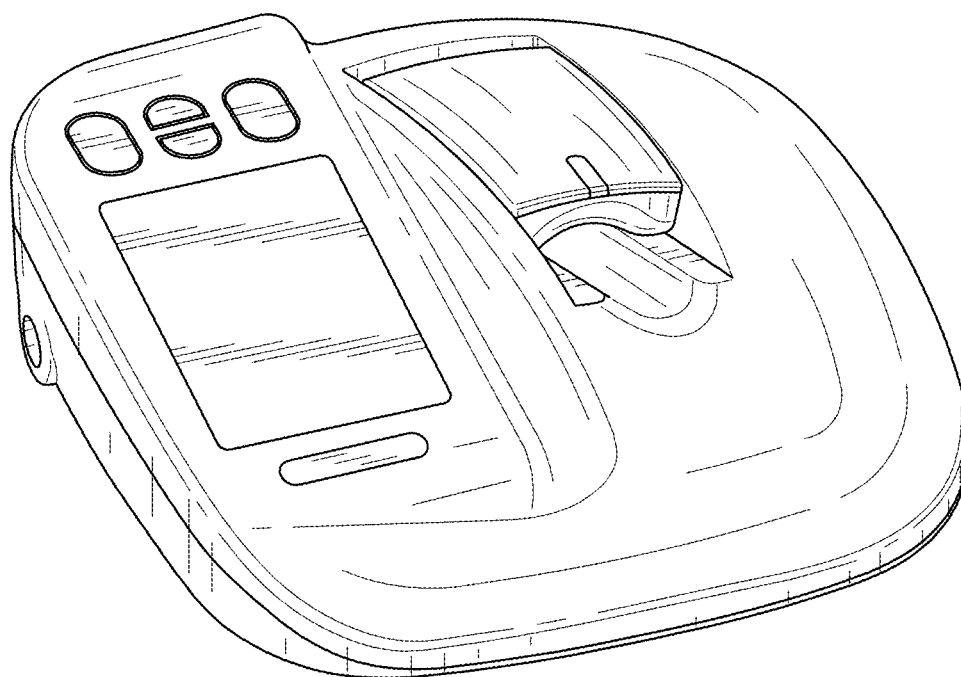


FIG. 1

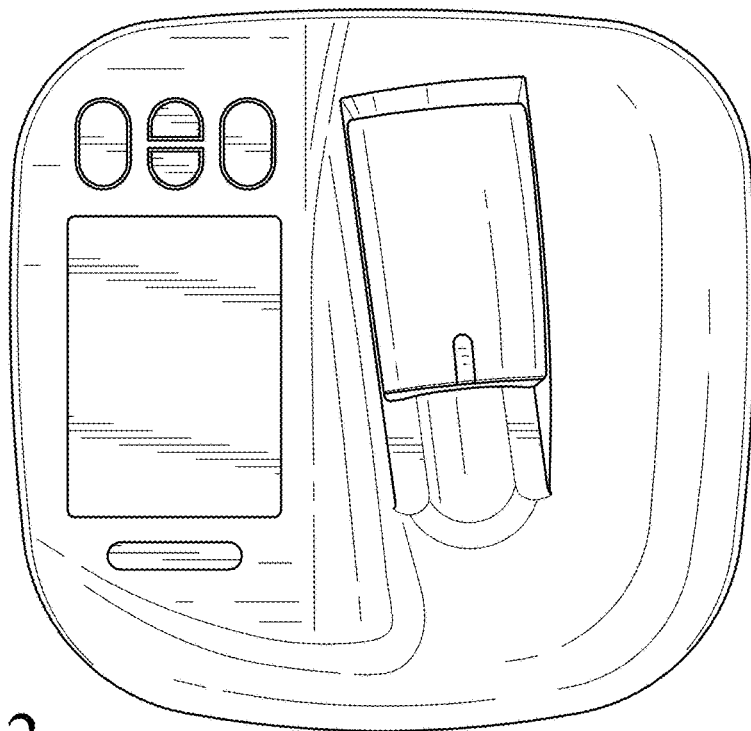


FIG. 2

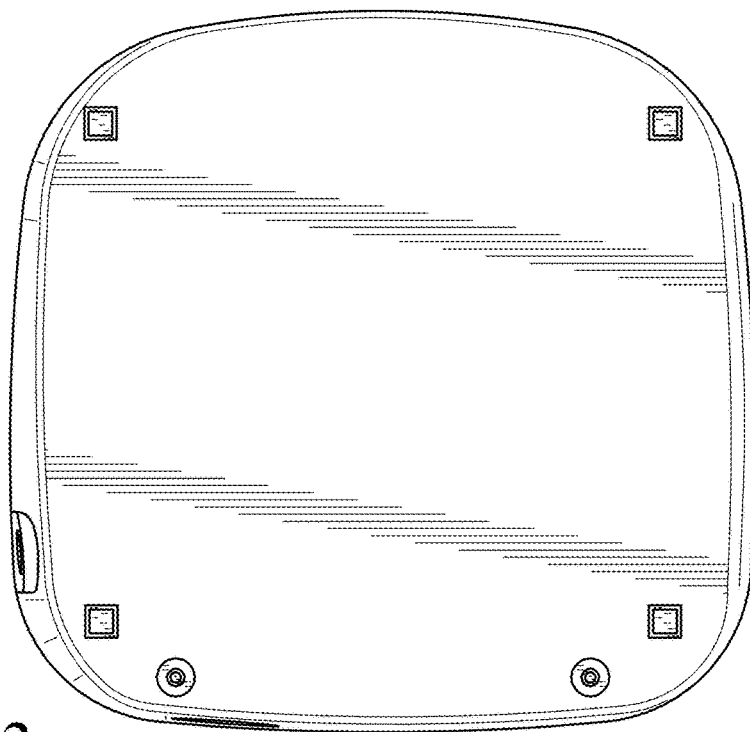


FIG. 3

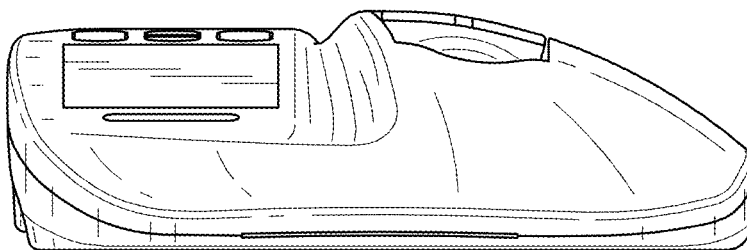


FIG. 4

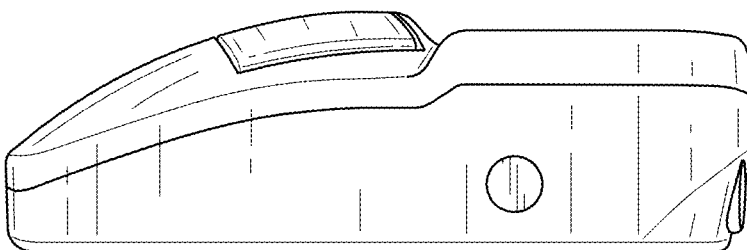


FIG. 5

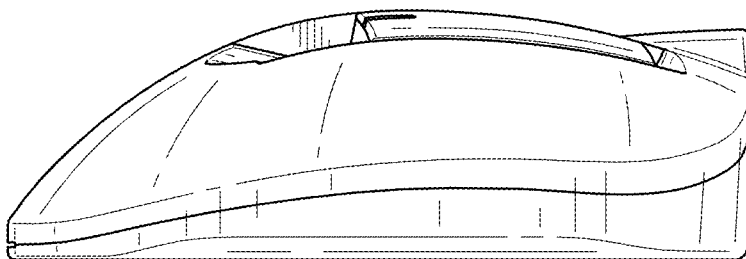


FIG. 6

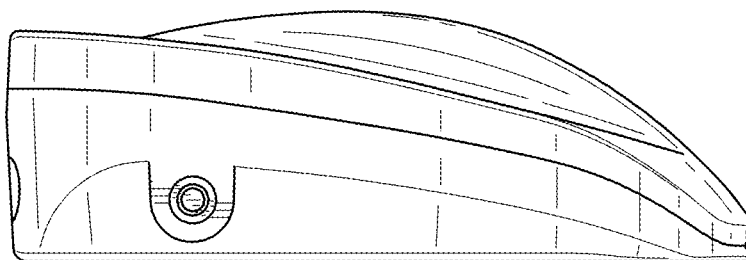


FIG. 7