



US00D781918S

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

(10) **Patent No.:** **US D781,918 S**

(45) **Date of Patent:** **\*\* Mar. 21, 2017**

(54) **AUDIO INPUT/OUTPUT DEVICE**

7,303,476 B2 12/2007 Blanco

(Continued)

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**OTHER PUBLICATIONS**

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U.S. Appl. No. 29/527,977, filed May 22, 2015, Heinz-Dominik  
Langhammer et al., "Audio Input/Output Device," 9 pages.

(Continued)

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(57) **CLAIM**

(\*\*) Term: **15 Years**

The ornamental design for an audio input/output device, as  
shown and described.

(21) Appl. No.: **29/539,416**

**DESCRIPTION**

(22) Filed: **Sep. 14, 2015**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/527,977,  
filed on May 22, 2015.

(51) **LOC (10) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/496**; D14/203.1

(58) **Field of Classification Search**  
USPC ..... D14/496, 401, 435, 474, 483, 217, 137,  
D14/138, 160, 168, 356, 203.1–203.8,  
(Continued)

FIG. 1 is a first perspective view of a first embodiment of an  
audio input/output device, taken from the front.

FIG. 2 is a second perspective view of the first embodiment  
of the audio input/output device of FIG. 1, taken from the  
back.

FIG. 3 is a front view of the first embodiment of the audio  
input/output device of FIG. 1.

FIG. 4 is a left-side view of the first embodiment of the audio  
input/output device of FIG. 1.

FIG. 5 is a back view of the first embodiment of the audio  
input/output device of FIG. 1.

FIG. 6 is a right-side view of the first embodiment of the  
audio input/output device of FIG. 1.

FIG. 7 is a top view of the first embodiment of the audio  
input/output device of FIG. 1; and,

FIG. 8 is a bottom view of the first embodiment of the audio  
input/output device of FIG. 1.

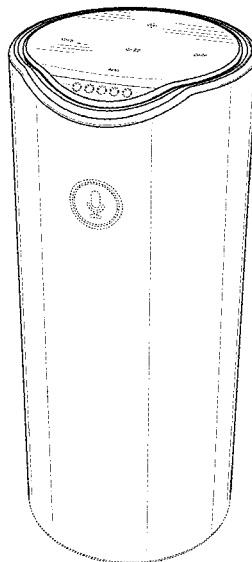
The broken lines in the drawings are for illustrative purposes  
only and form no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D364,165 S \* 11/1995 Esslinger ..... D14/213  
5,893,798 A 4/1999 Stambolic et al.  
5,914,707 A 6/1999 Kono  
7,209,648 B2 4/2007 Barber et al.

**1 Claim, 7 Drawing Sheets**



(58) **Field of Classification Search**

USPC ..... D14/507; 345/156, 169, 173–179, 905;  
 715/727–729, 864; 710/1, 5, 8; 713/1,  
 713/600; 455/1.1, 1.7, 73, 344–347, 93,  
 455/95, 3.01–3.06, 550.1, 573.1;  
 370/342–344; 369/1, 2, 6–12;  
 463/43–47; 273/148 B  
 CPC .. A63F 13/00; A63F 11/00; A63F 2300/8047;  
 G06F 17/00

See application file for complete search history.

(56) **References Cited**

## U.S. PATENT DOCUMENTS

|           |      |         |                   |              |
|-----------|------|---------|-------------------|--------------|
| D563,391  | S *  | 3/2008  | Skurdal .....     | D14/172      |
| D567,213  | S *  | 4/2008  | Prince .....      | D14/204      |
| D609,718  | S    | 2/2010  | Chang et al.      |              |
| D615,556  | S *  | 5/2010  | Yeo .....         | D14/203.3    |
| D616,416  | S    | 5/2010  | Lin               |              |
| D675,190  | S *  | 1/2013  | Nylen .....       | D14/215      |
| D686,186  | S    | 7/2013  | Kaneko et al.     |              |
| D687,017  | S    | 7/2013  | Ashcraft et al.   |              |
| D692,460  | S    | 10/2013 | Zunker            |              |
| D730,866  | S    | 6/2015  | Aihsan et al.     |              |
| D744,541  | S    | 12/2015 | Langhammer et al. |              |
| 9,232,082 | B2 * | 1/2016  | Fukushima .....   | H04N 1/00079 |
| 9,400,798 | B2 * | 7/2016  | Miyata .....      | G06F 17/3015 |
| 9,405,459 | B2 * | 8/2016  | Sirpal .....      | G06F 3/0488  |

## OTHER PUBLICATIONS

The Canadian Office Action mailed Feb. 2, 2016 for Canadian design application No. 165036, a counterpart foreign application of design U.S. Appl. No. 29/527,977, 4 pages.

The Indian Office Action mailed Feb. 10, 2016 for Indian Design Application No. 277742, a counterpart foreign application of Design U.S. Appl. No. 29/527,977, 26 pages.

The Indian Office Action mailed Mar. 7, 2016 for Indian Design Application No. 277741, a counterpart foreign application of Design U.S. Appl. No. 29/527,977, 10 pages.

Office action for U.S. Appl. 29/527,977, mailed on Mar. 17, 2016, Langhammer et al., “Audio Input/Output Device,” 5 pages.

The Chinese Office Action mailed Mar. 11, 2016 for Chinese Design Application No. 201530472021.9, a counterpart foreign application of Design U.S. Appl. No. 29/527,977 (English language letter reporting Chinese Office Action attached).

The Korean Office Action mailed Apr. 15, 2016 for Korean design application No. 30-2015-56937, a counterpart foreign application of design U.S. Appl. No. 29/527,977 (English language letter reporting Korean Office Action attached).

The Korean Office Action mailed Apr. 15, 2016 for Korean design application No. 30-2015-56936, a counterpart foreign application of design U.S. Appl. No. 29/527,977 (English language letter reporting Korean Office Action attached).

Translated Japanese Office Action mailed May 13, 2016 for Japanese design application No. 2016-002342, a counterpart foreign application of design U.S. Appl. No. 29/527,977, 4 pages.

Translated Japanese Office Action mailed May 13, 2016 for Japanese design application No. 2016-002343, a counterpart foreign application of design U.S. Appl. No. 29/527,977, 4 pages.

Translated Japanese Office Action mailed Jun. 3, 2016 for Japanese Design Application No. 2015-025044, a counterpart foreign application of design U.S. Appl. No. 29/527,977, 4 pages.

\* cited by examiner

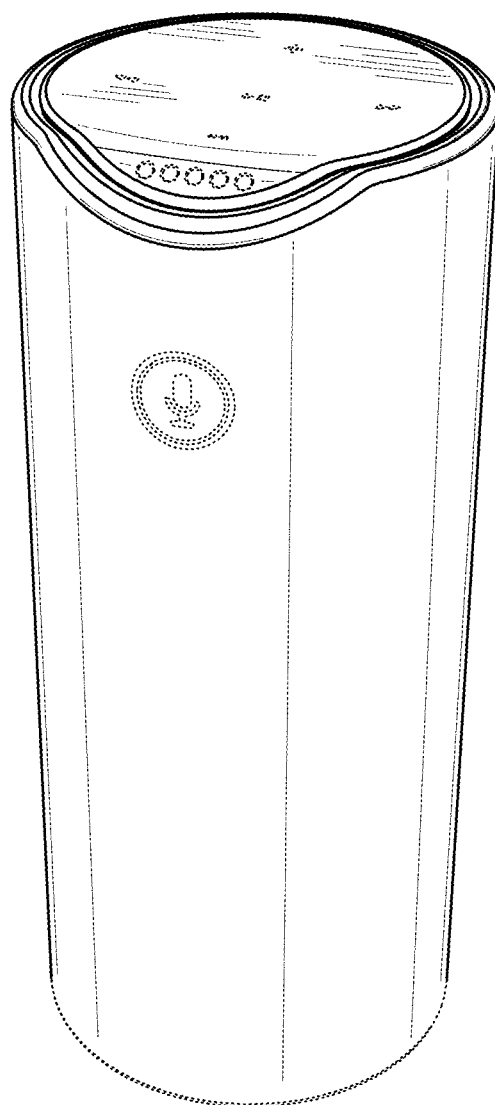


FIG. 1

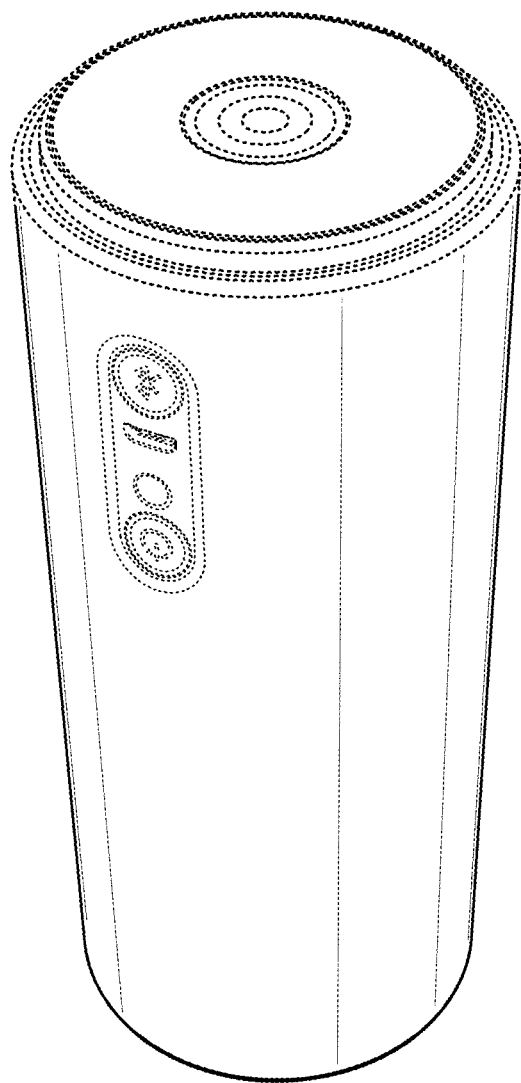


FIG. 2

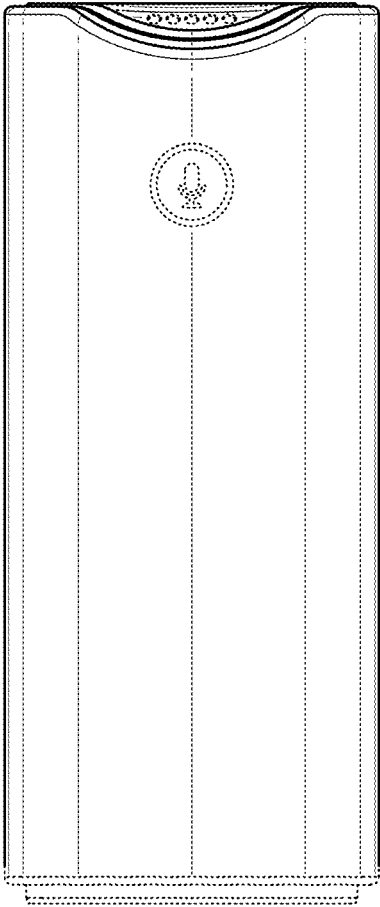


FIG. 3

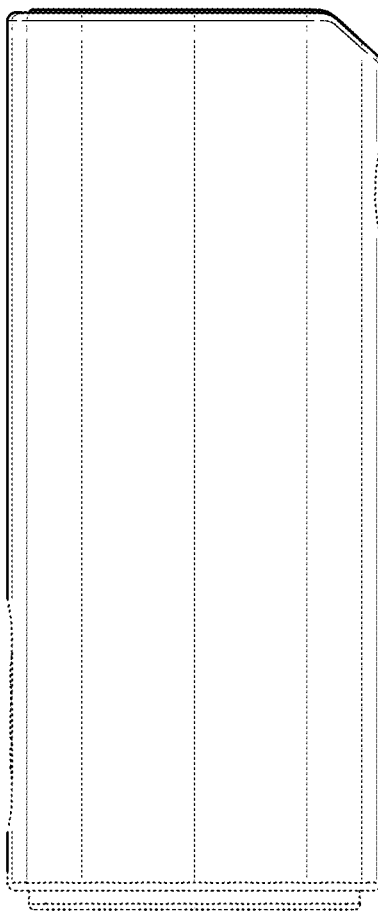


FIG. 4

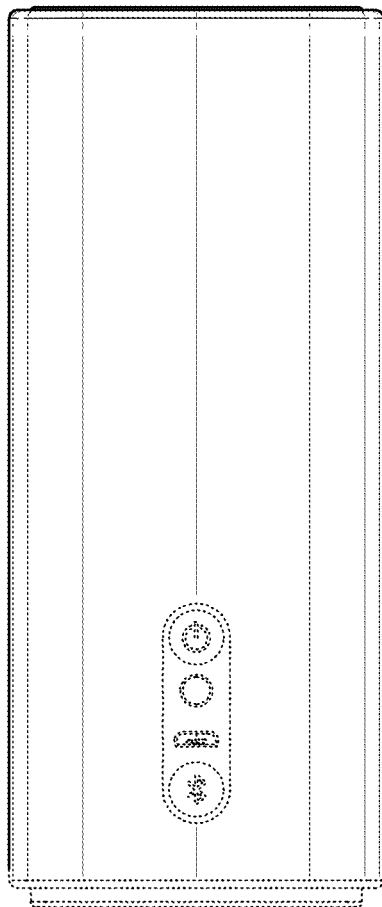


FIG. 5

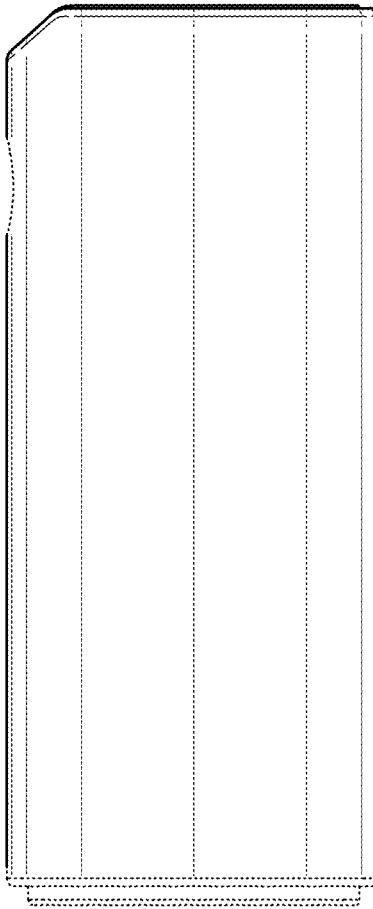


FIG. 6

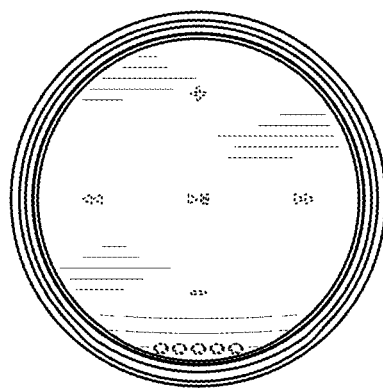


FIG. 7

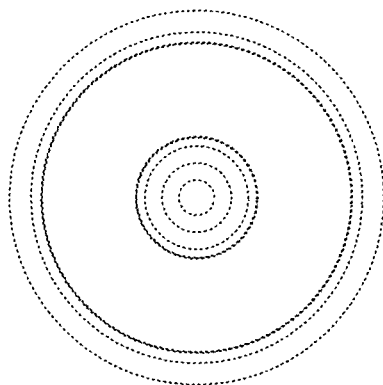


FIG. 8