



US00D990276S

(12) **United States Design Patent**
Chen

(10) **Patent No.:** **US D990,276 S**

(45) **Date of Patent:** **** Jun. 27, 2023**

- (54) **KNIFE SHARPENER**
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- (73) Assignee: **YANGJIANG YANGDONG ZAFIRA ENTERPRISE CO., LTD.**, Yangjiang (CN)

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Primary Examiner — Philip S Hyder

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

(21) Appl. No.: **29/813,103**

(22) Filed: **Oct. 26, 2021**

(30) **Foreign Application Priority Data**

May 10, 2021 (CN) 202130277294.3

(51) **LOC (14) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/93**

(58) **Field of Classification Search**
USPC D8/63, 90, 91, 92, 93
CPC B24B 3/54; B24B 3/36; B24B 3/58; B24B 3/00; B24B 23/08; B24D 15/00; B24D 15/06; B24D 15/063; B24D 15/08; B24D 15/081

See application file for complete search history.

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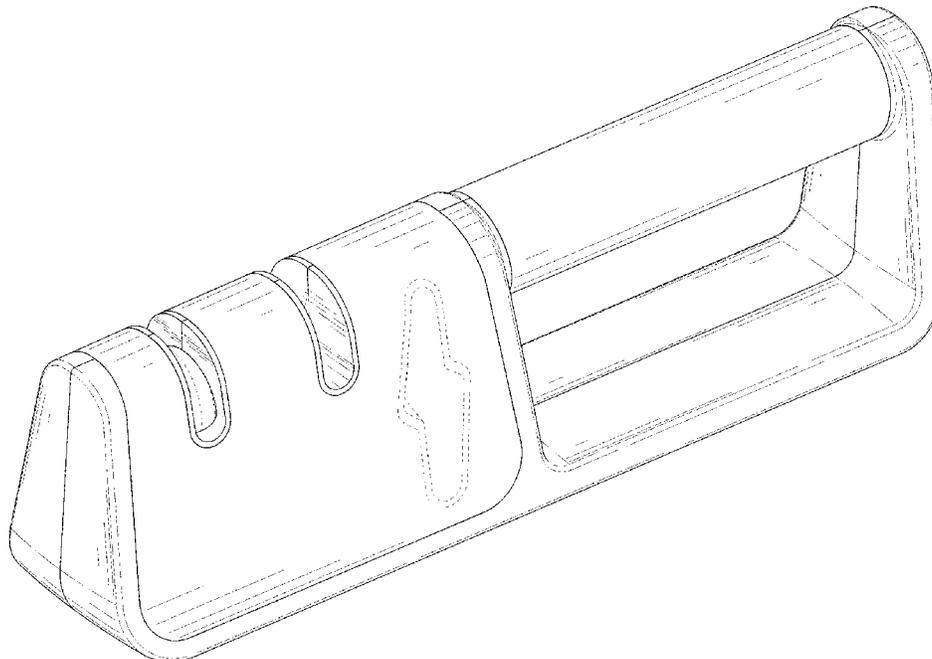
(57) **CLAIM**

The ornamental design for a knife sharpener, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a knife sharpener showing my new design;
 FIG. 2 is another perspective view thereof;
 FIG. 3 is a front elevational view thereof;
 FIG. 4 is a rear elevational view thereof;
 FIG. 5 is a left side elevational view thereof;
 FIG. 6 is a right side elevational view thereof;
 FIG. 7 is a top plan view thereof; and,
 FIG. 8 is a bottom plan view thereof.
 The broken lines in the drawings depict portions of the knife sharpener that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



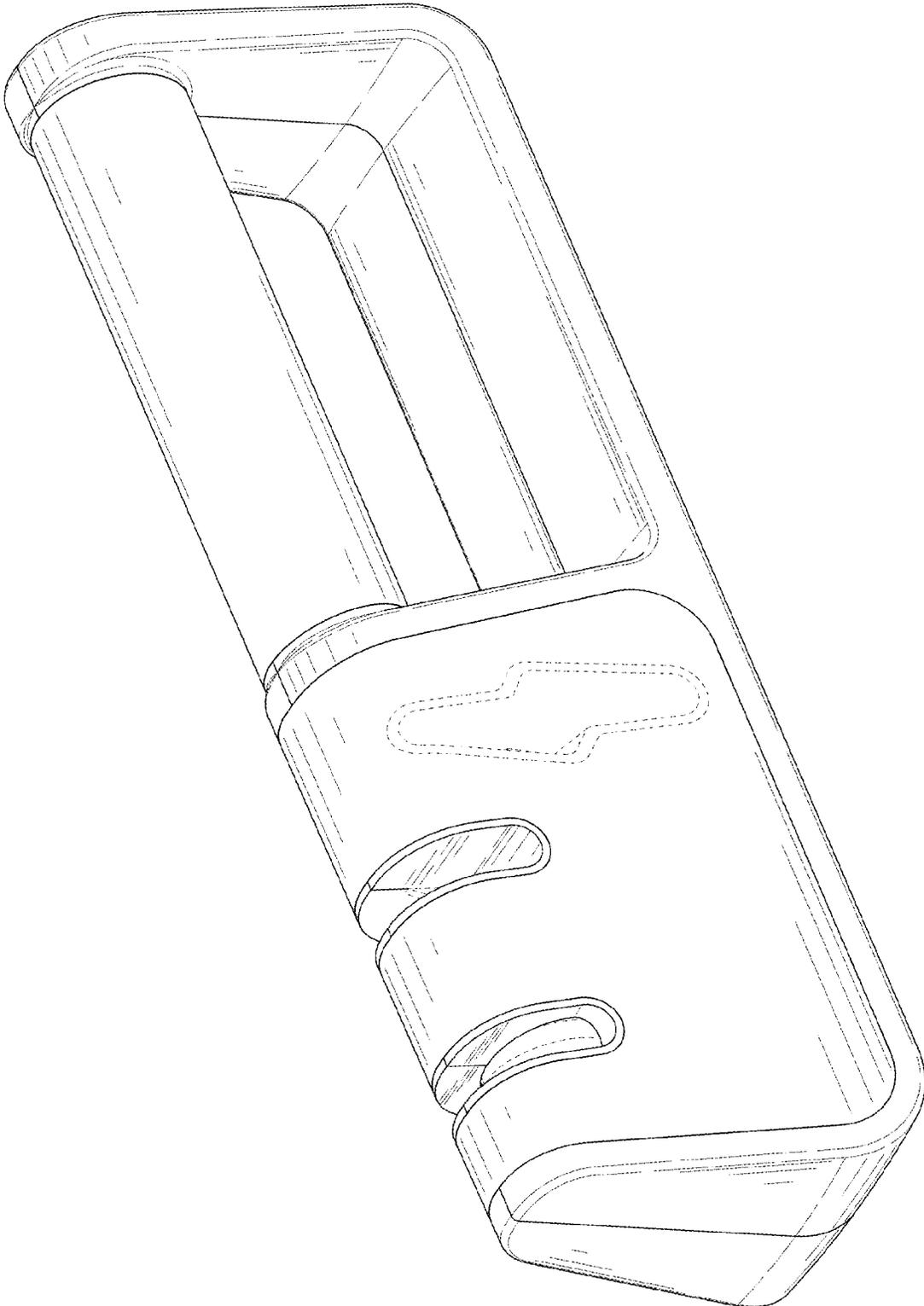


FIG. 1

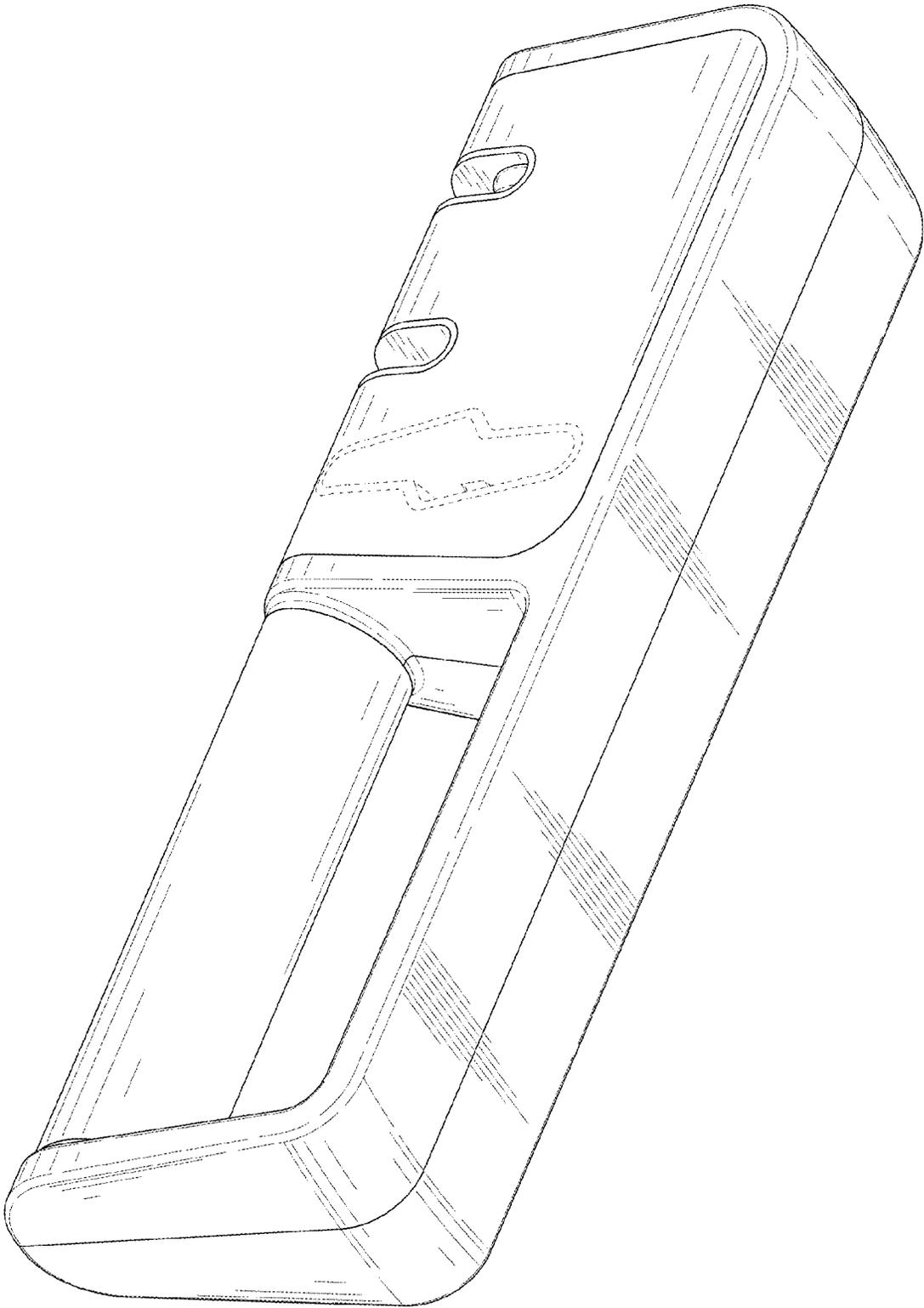


FIG. 2

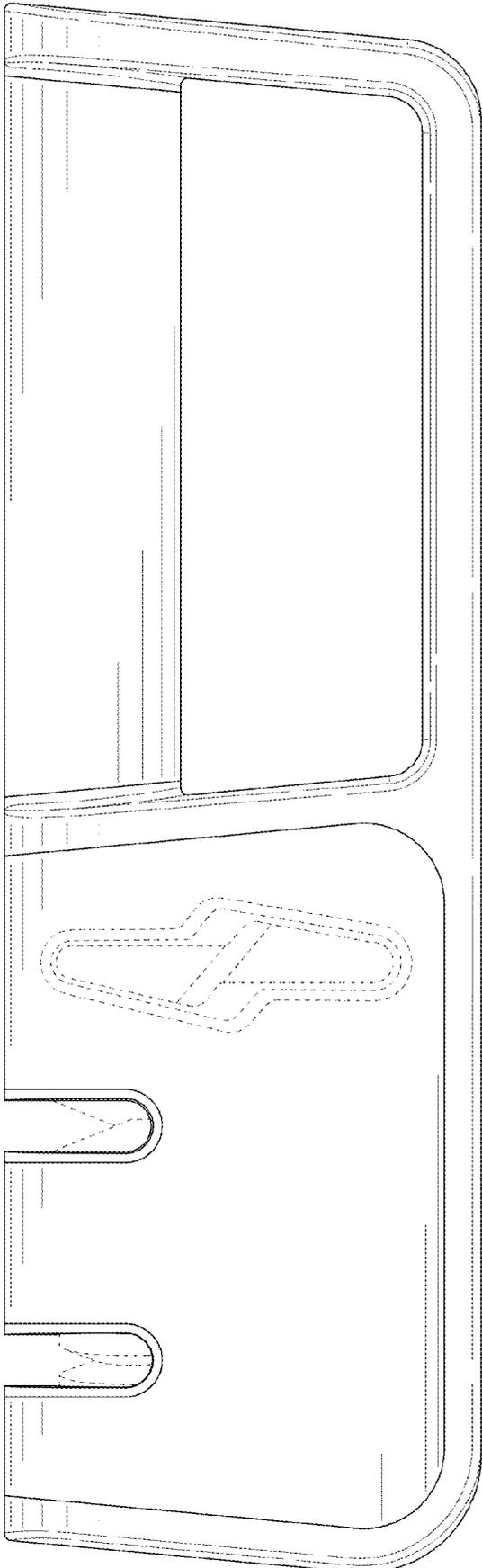


FIG. 3

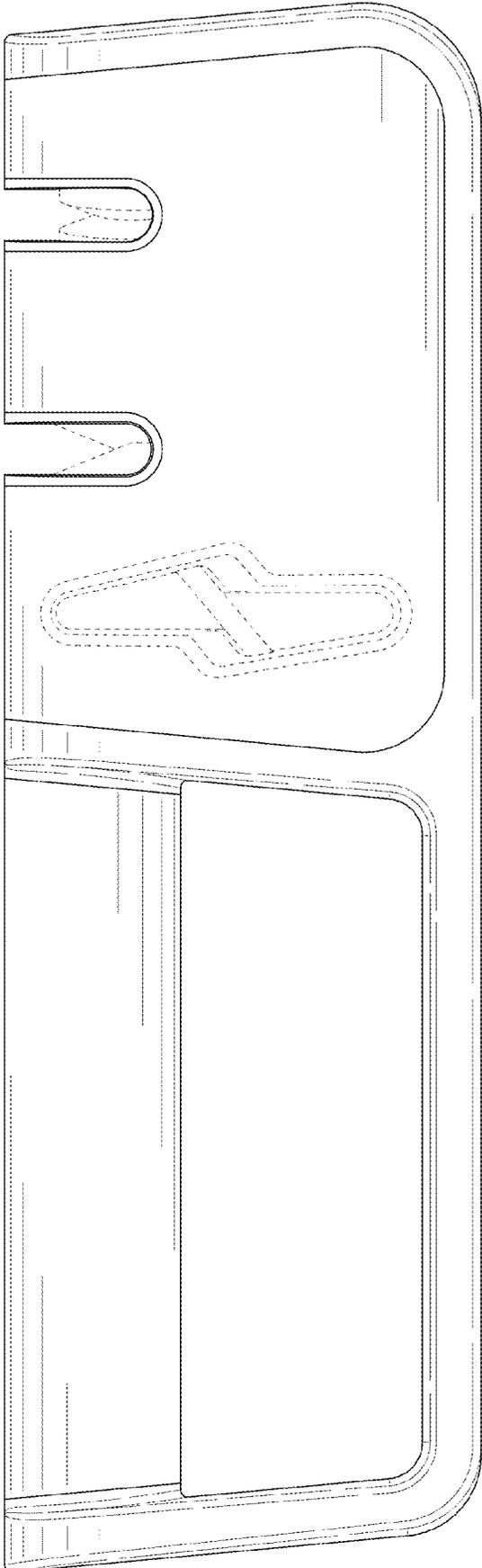


FIG. 4

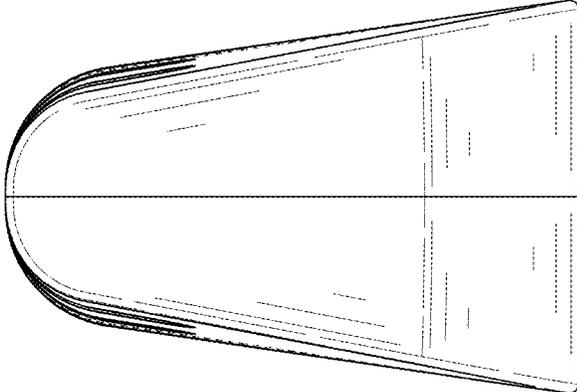


FIG. 5

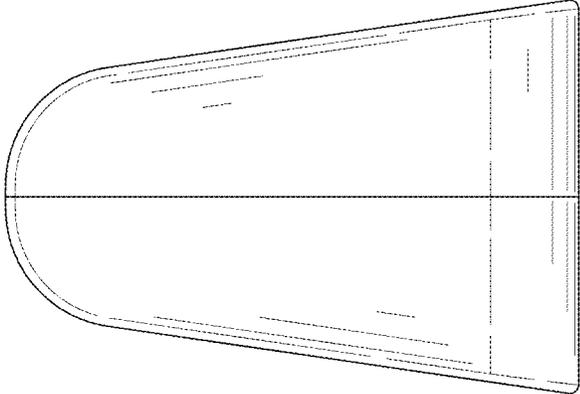


FIG. 6

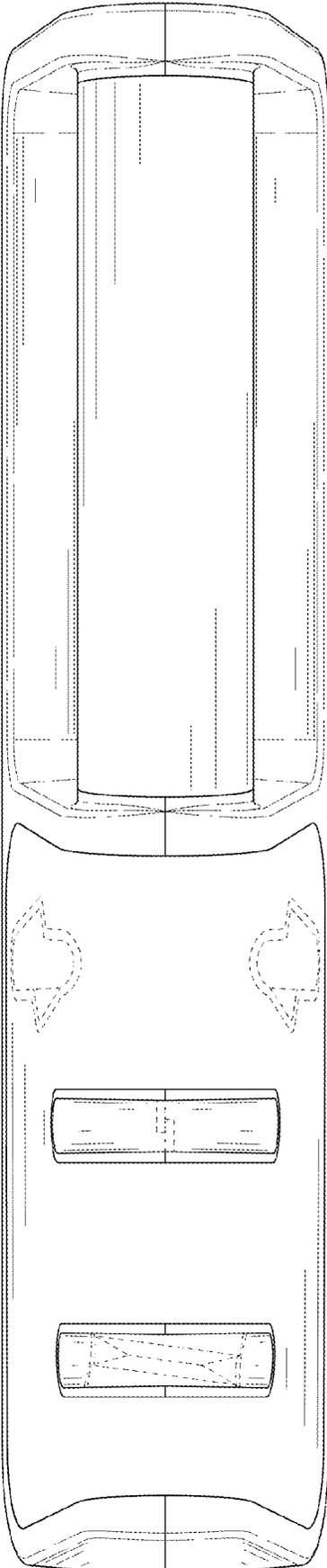


FIG. 7

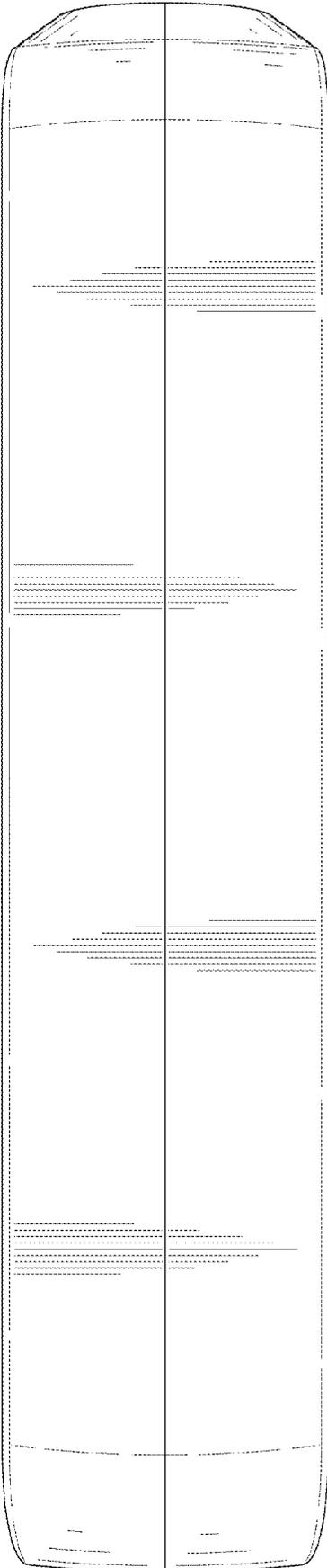


FIG. 8