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

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- (54) **MANUAL KNIFE SHARPENER**
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- (72) Inventor: **Jack Chen**, Henderson, NV (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/567,995**
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- (51) **LOC (11) Cl.** **08-05**
- (52) **U.S. Cl.**
USPC **D8/93**
- (58) **Field of Classification Search**
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CPC ... B23Q 3/00; B23Q 3/36; B23Q 3/48; B23Q
3/54; B23Q 3/546; B24D 15/00; B24D
15/06; B24D 15/063; B24D 15/065;
B24D 15/08; B24D 15/081; B24D
15/082; B24D 15/085; B24D 15/088
See application file for complete search history.

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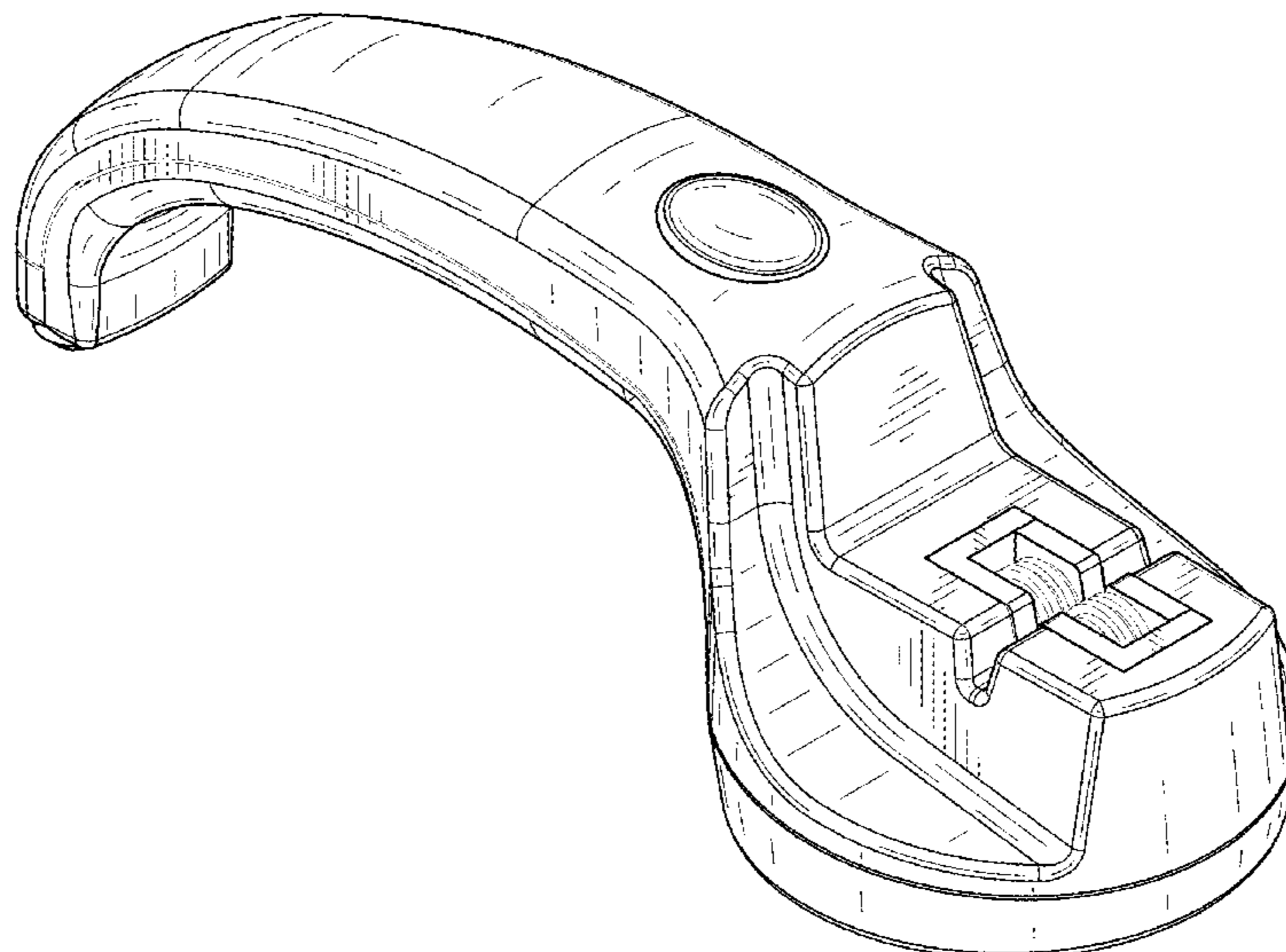
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view from the front of my new design;
 FIG. 2 is a left side elevation view thereof;
 FIG. 3 is a right side elevation view thereof;
 FIG. 4 is a top view thereof;
 FIG. 5 is a bottom view thereof;
 FIG. 6 is a front end elevation view thereof; and,
 FIG. 7 is a back end elevation view thereof.

1 Claim, 4 Drawing Sheets



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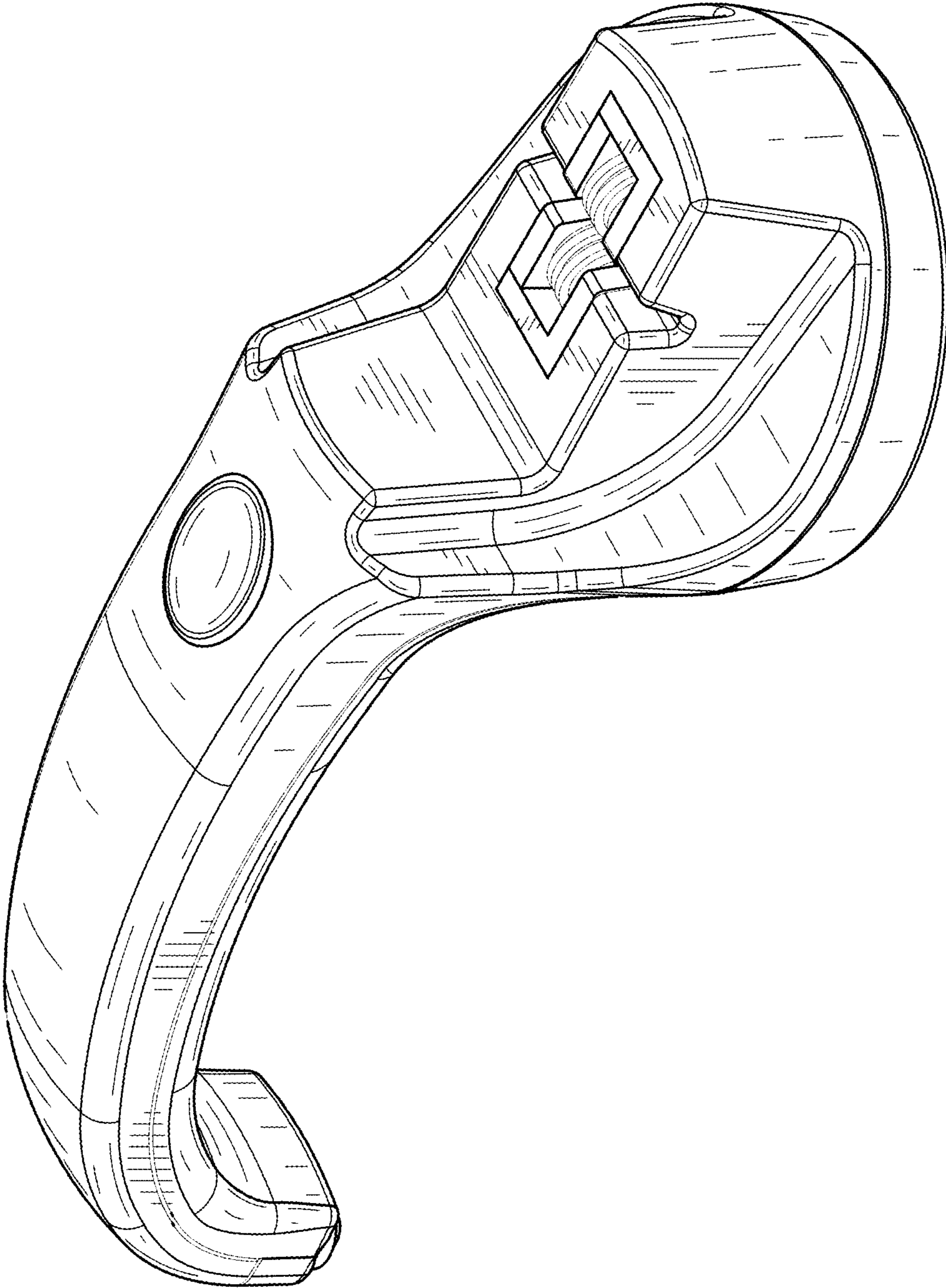
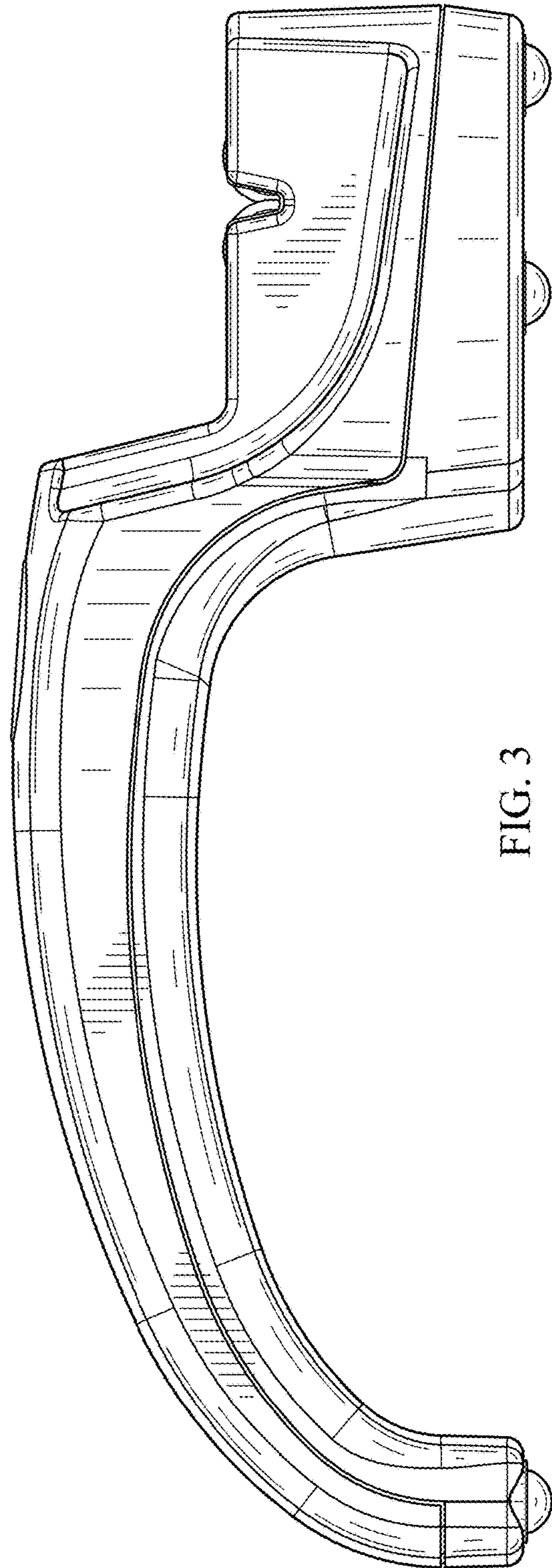
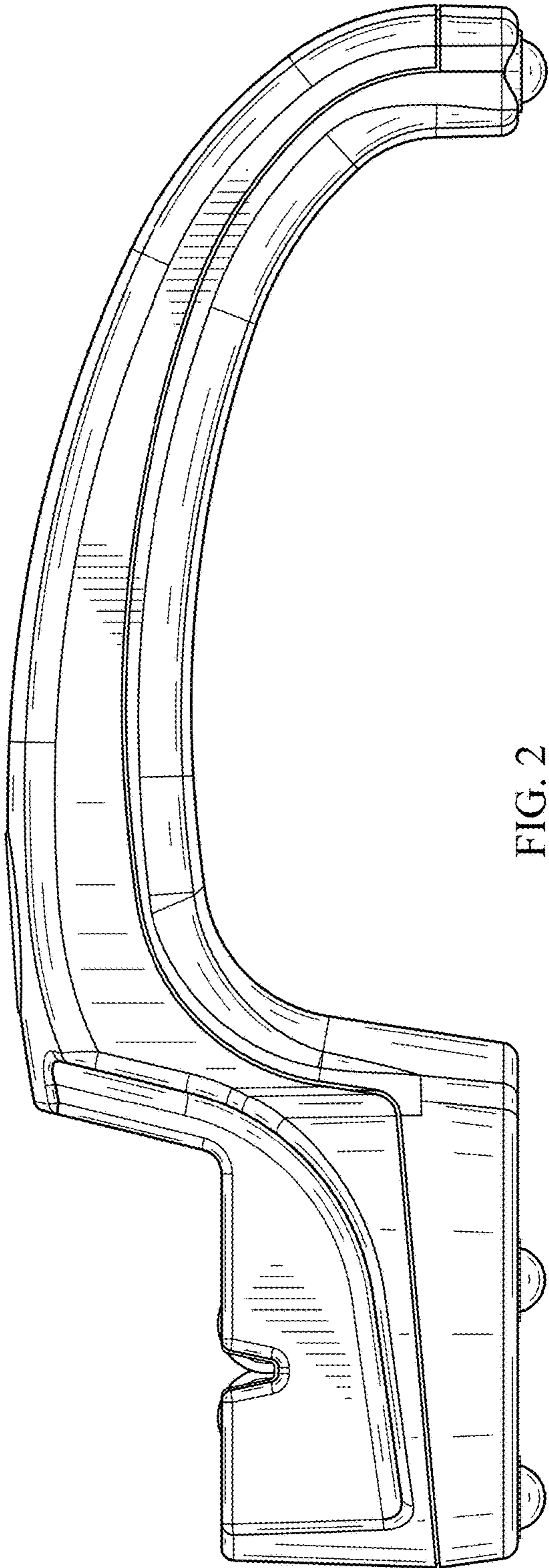
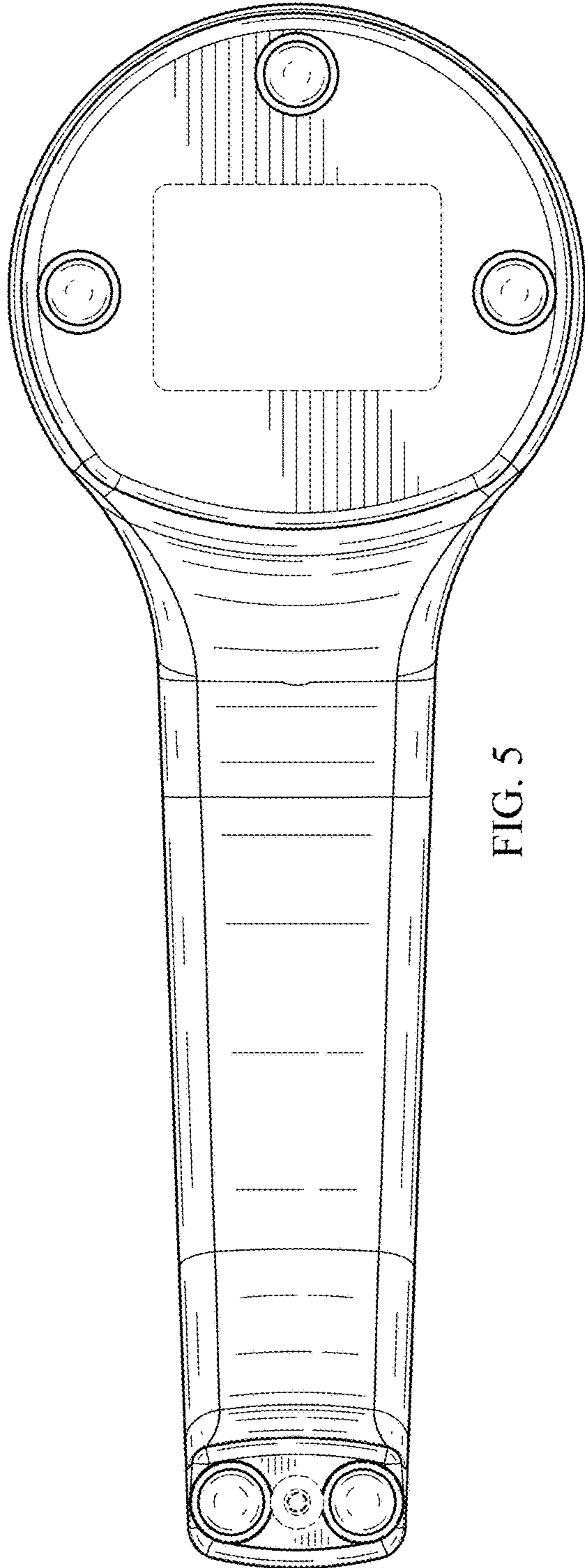
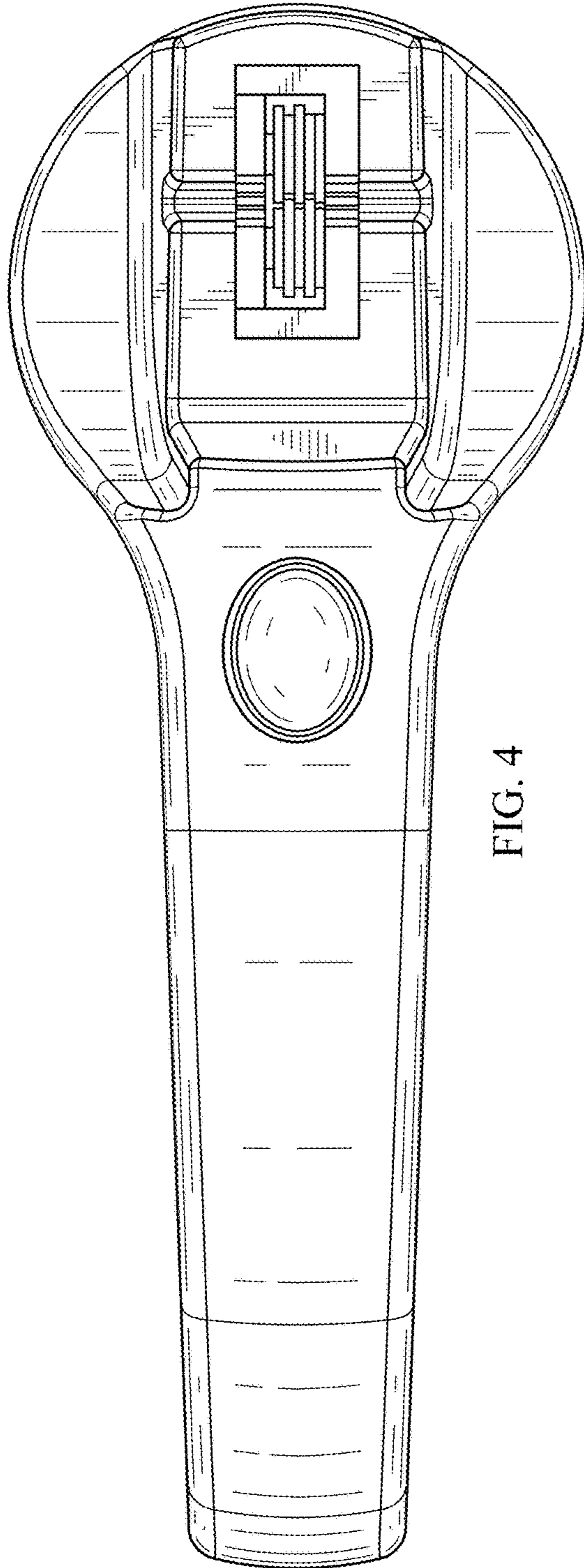


FIG. 1





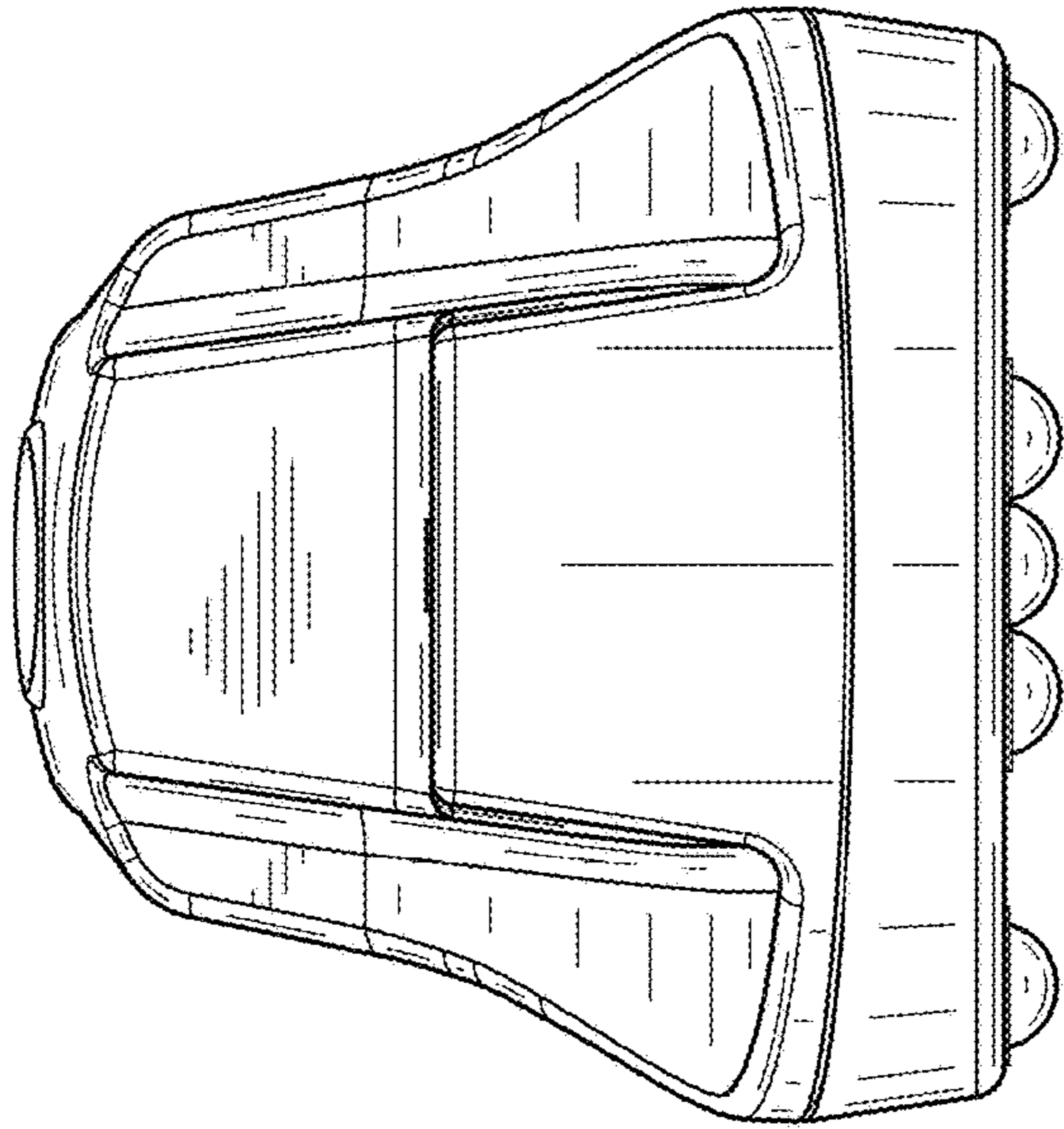


FIG. 6

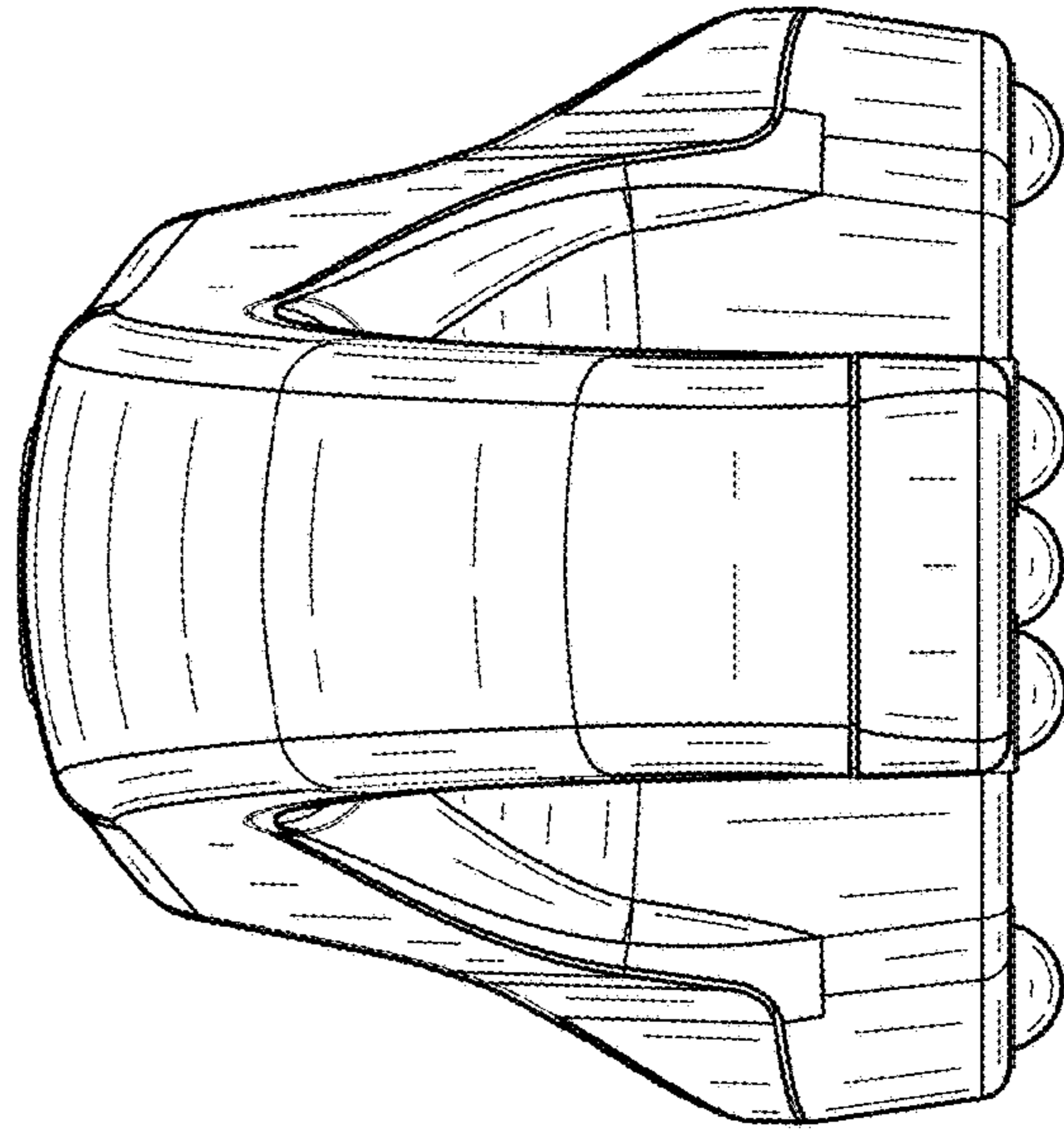


FIG. 7