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United States Patent [19]
Brady

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[54] **ROOF DRILL BIT FOR MINING MACHINE**

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[**] Term: **14 Years**
[21] Appl. No.: **10,851**
[22] Filed: **Jul. 19, 1993**

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 706,113, May 23, 1991, Pat. No. D. 340,248.
[52] U.S. Cl. **D15/139**
[58] Field of Search 175/379, 385, 393, 418, 175/420.1, 421, 430, 427, 431, 432; 299/29; D10/138, 139

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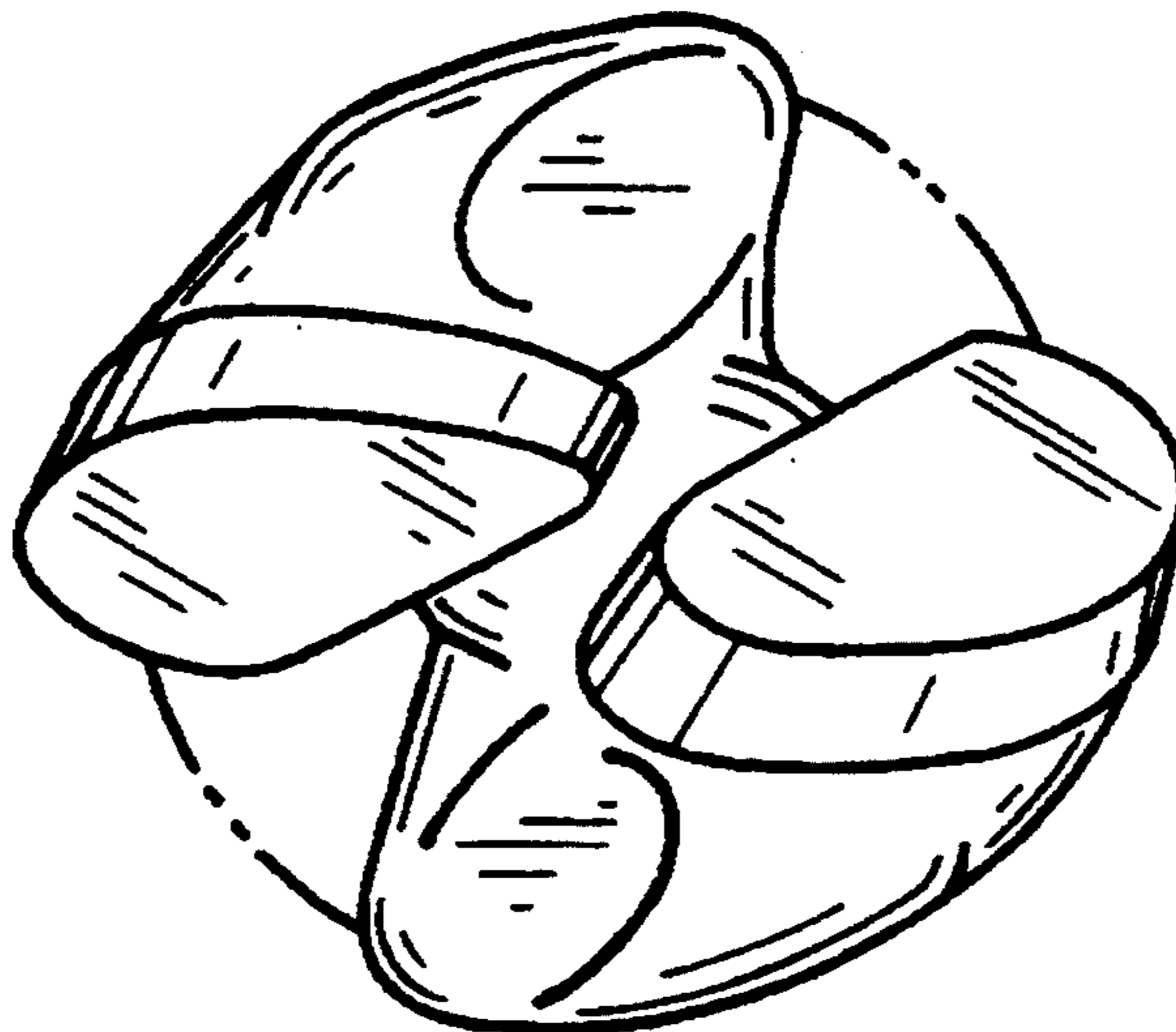
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Assistant Examiner—Antoine D. Davis
Attorney, Agent, or Firm—Richard G. Heywood

CLAIM

The ornamental design for a roof drill bit for mining machine, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a roof drill bit for mining machine illustrating one embodiment of the invention; FIG. 2 is a side elevational view of the roof drill bit for mining machine of FIG. 1, the opposite side being a mirror image;
FIG. 3 is another side elevational view of the roof drill bit for mining machine, as rotated 90 degrees clockwise from FIGS. 1 and 2 thereof, the opposite side being a mirror image;
FIG. 4 is a bottom view of the roof drill bit of FIG. 1; FIG. 5 is a perspective view of the roof drill bit of FIG. 1;
FIG. 6 is a top plan view similar to FIG. 1, but showing a second embodiment of the roof drill bit for mining machine;
FIG. 7 is a side elevational view of the second roof drill bit for mining machine embodiment shown in FIG. 6, the opposite side being a mirror image;
FIG. 8 is another side elevational view of the second roof drill bit for mining machine, as rotated 90 degrees clockwise from FIGS. 6 and 7 thereof, the opposite side being a mirror image;
FIG. 9 is a bottom view of the roof drill bit embodiment of FIG. 6; and,
FIG. 10 is a perspective view of the roof drill bit of FIG. 6.
The representation of the fragmentary drive steel end portion of the mining machine shown in phantom lines is for environmental purposes only and non-limiting upon the scope of the invention.



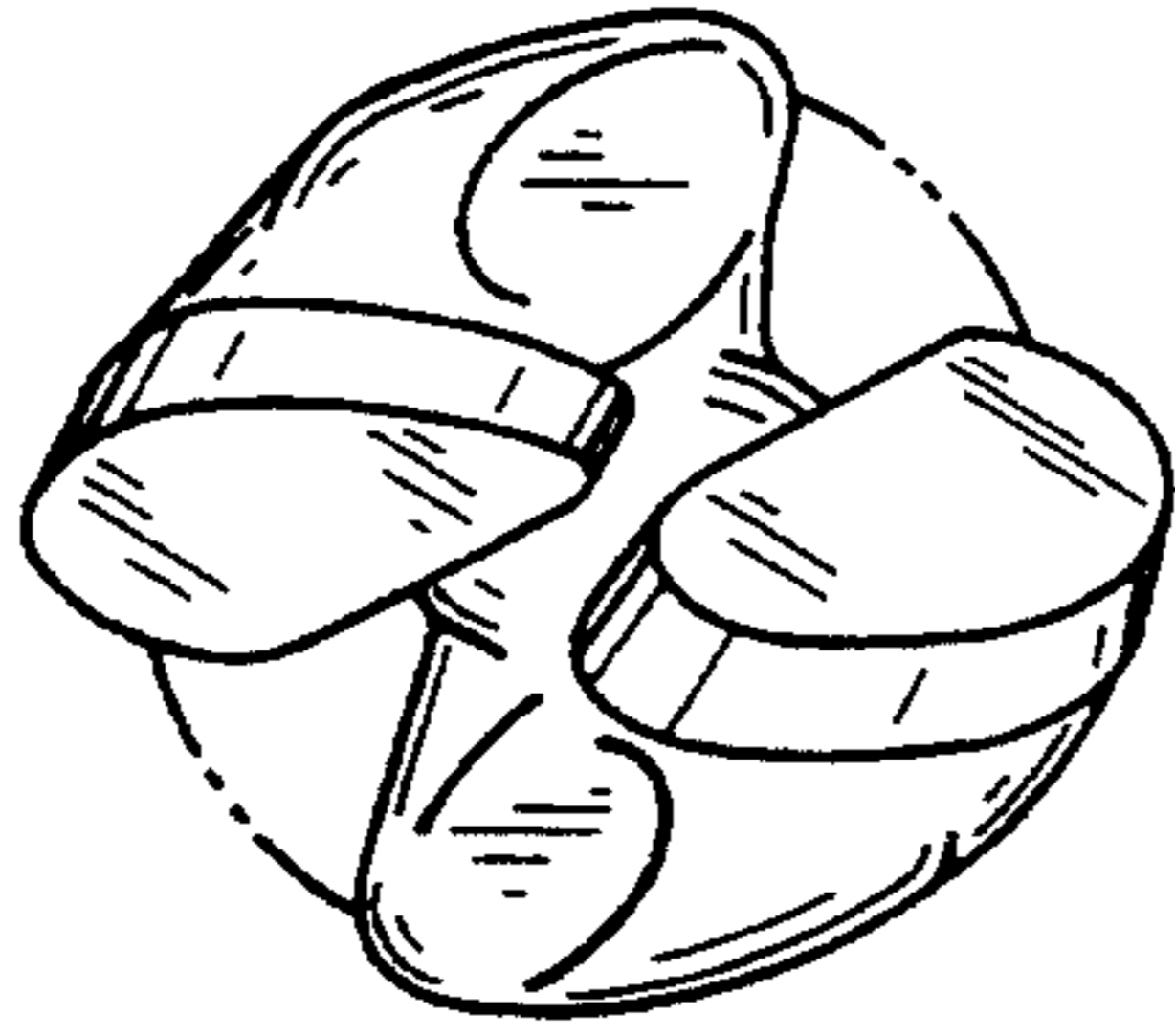


FIG. 1

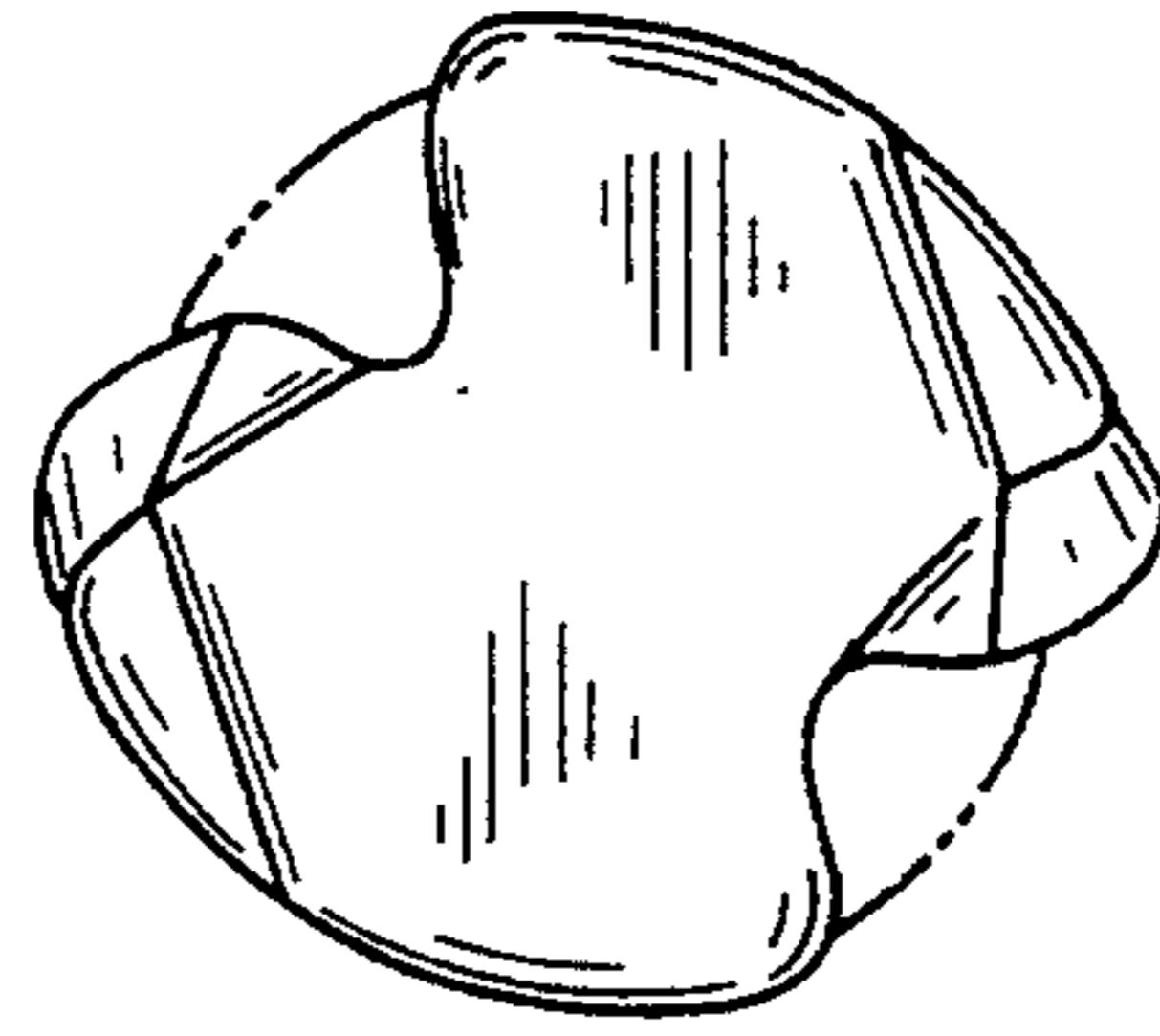


FIG. 4

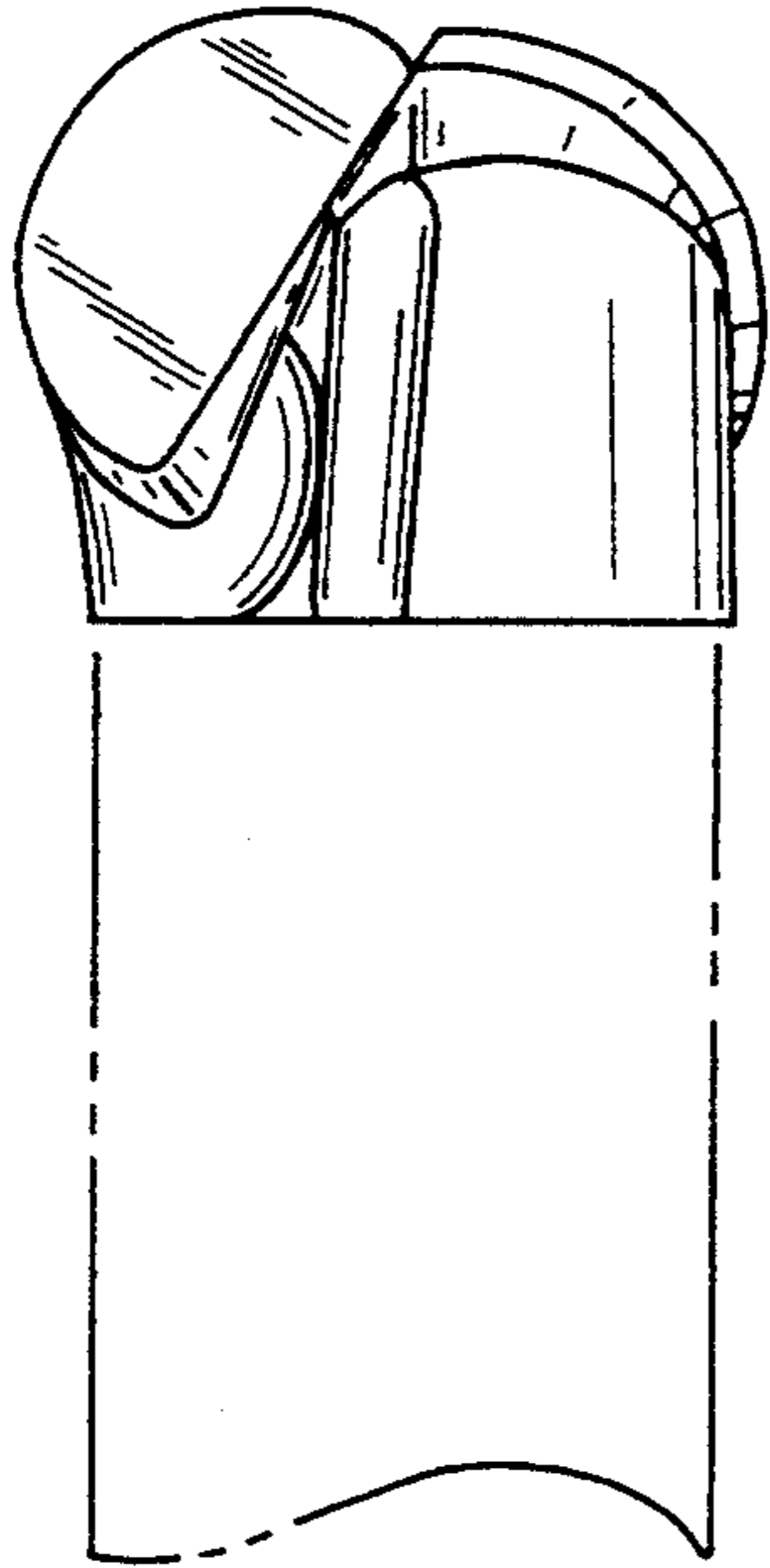


FIG. 2

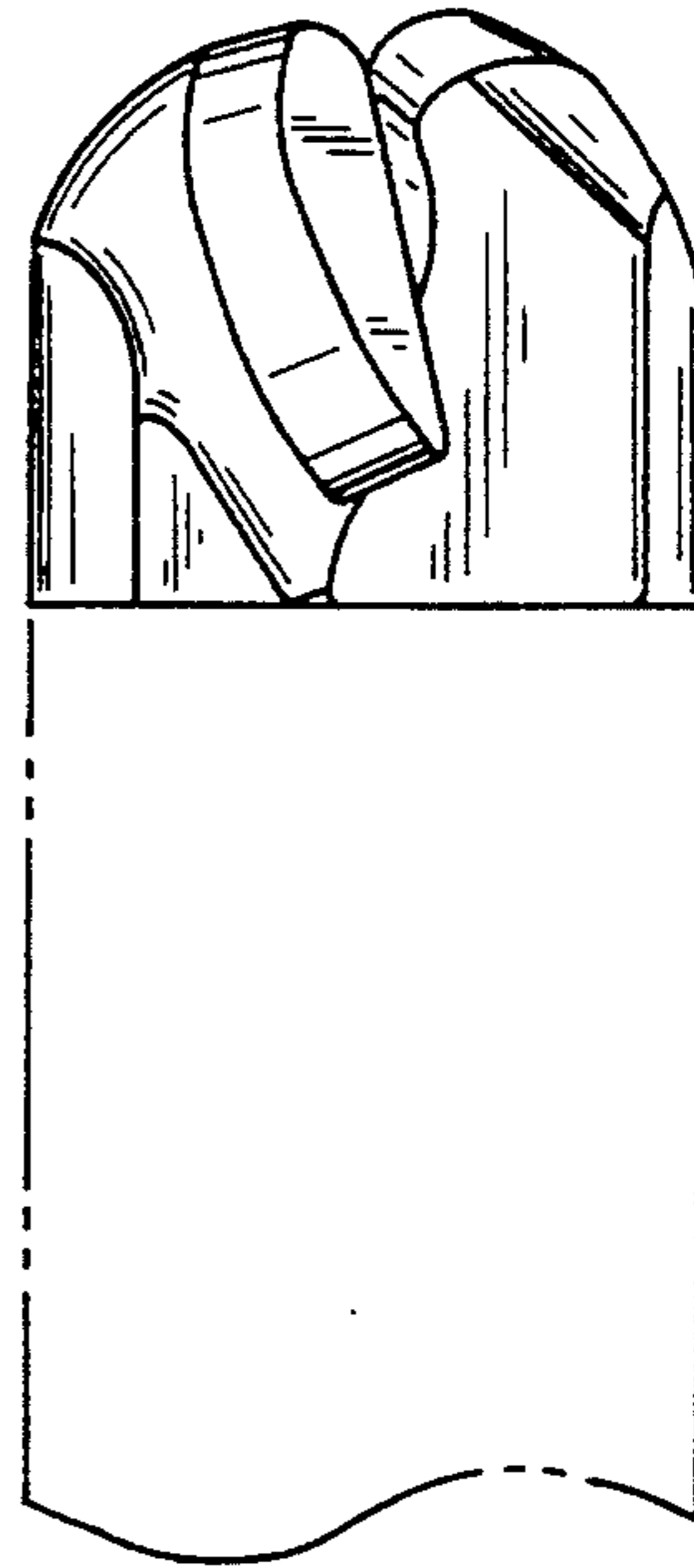


FIG. 3

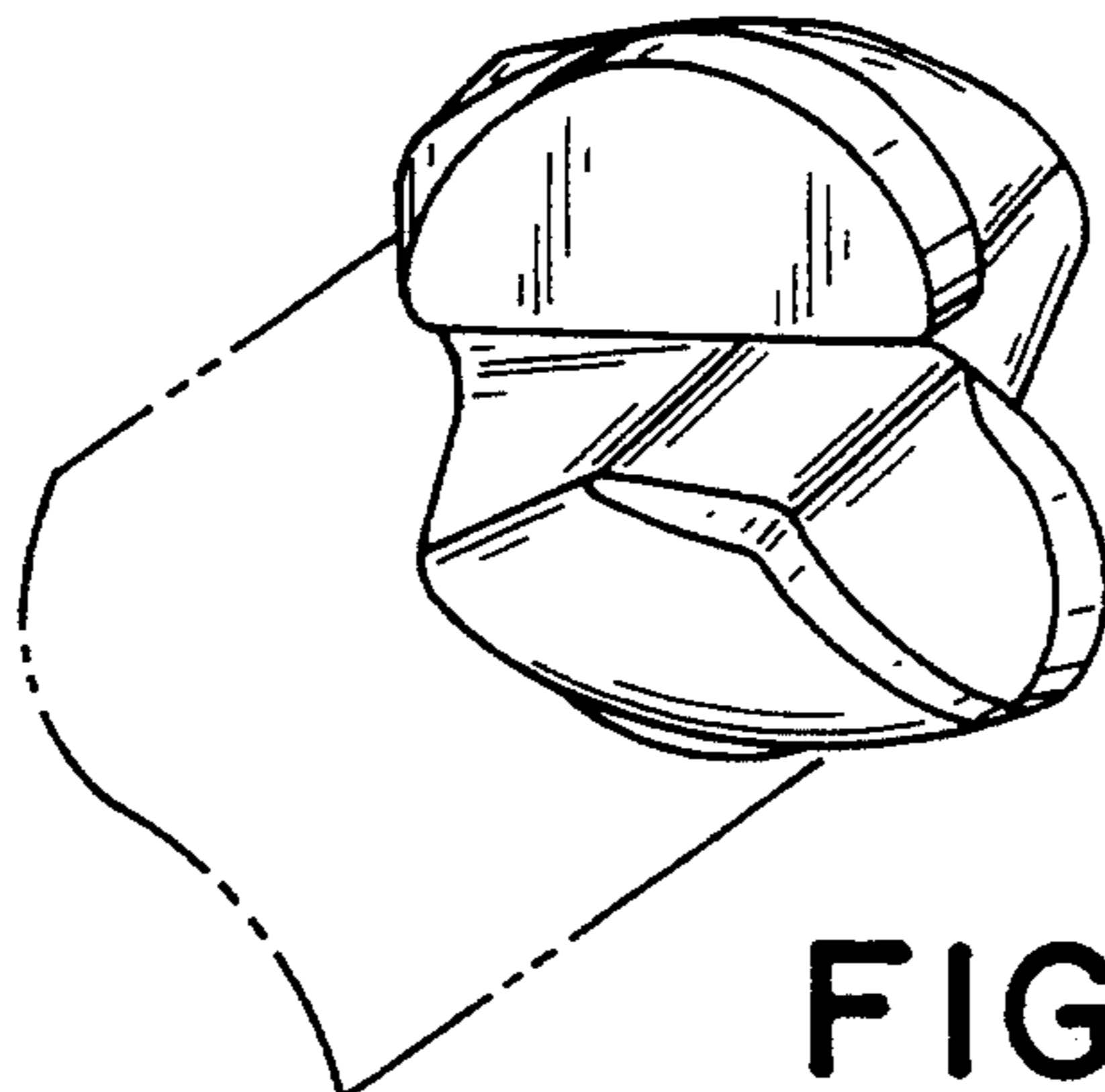


FIG. 5

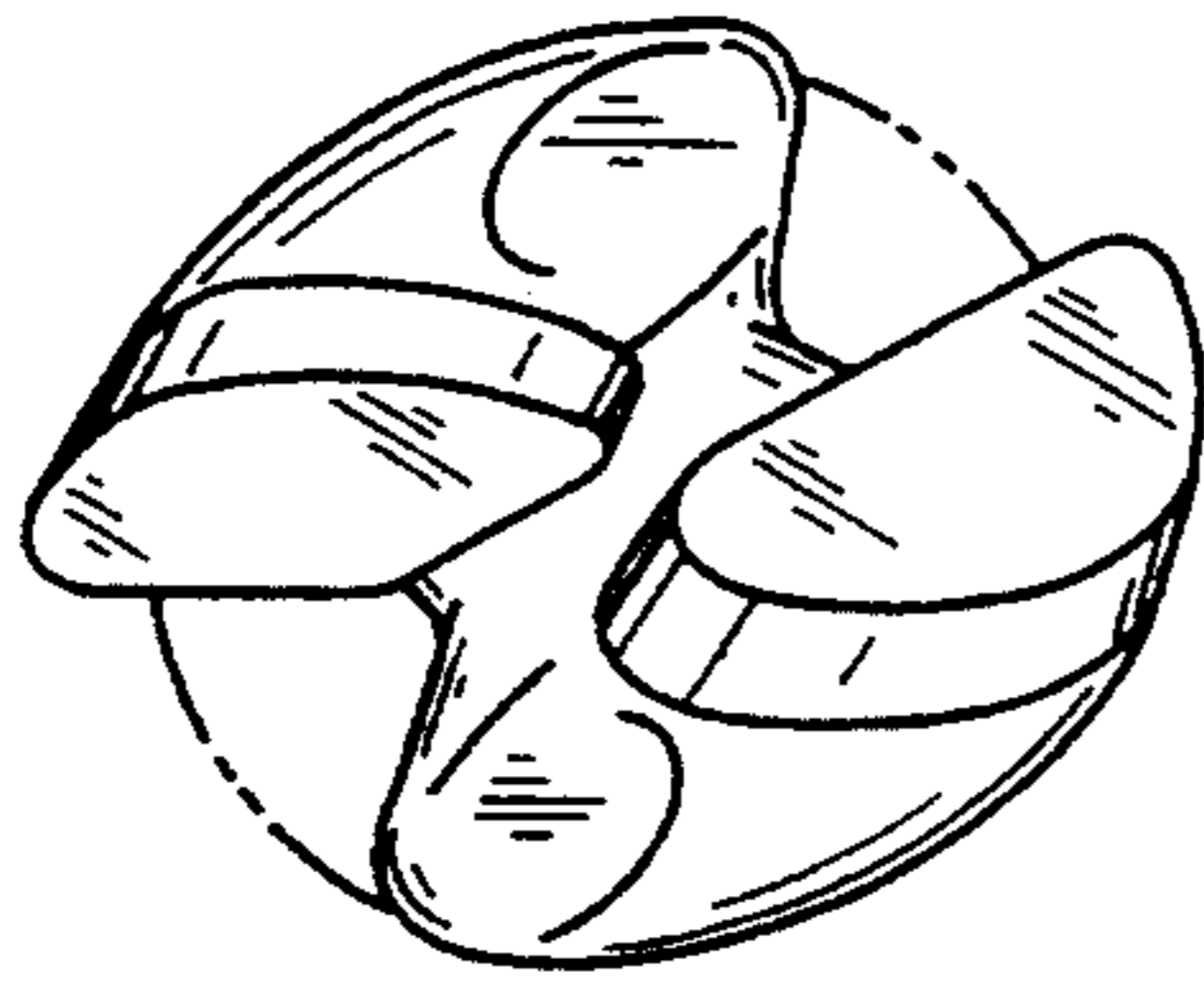


FIG. 6

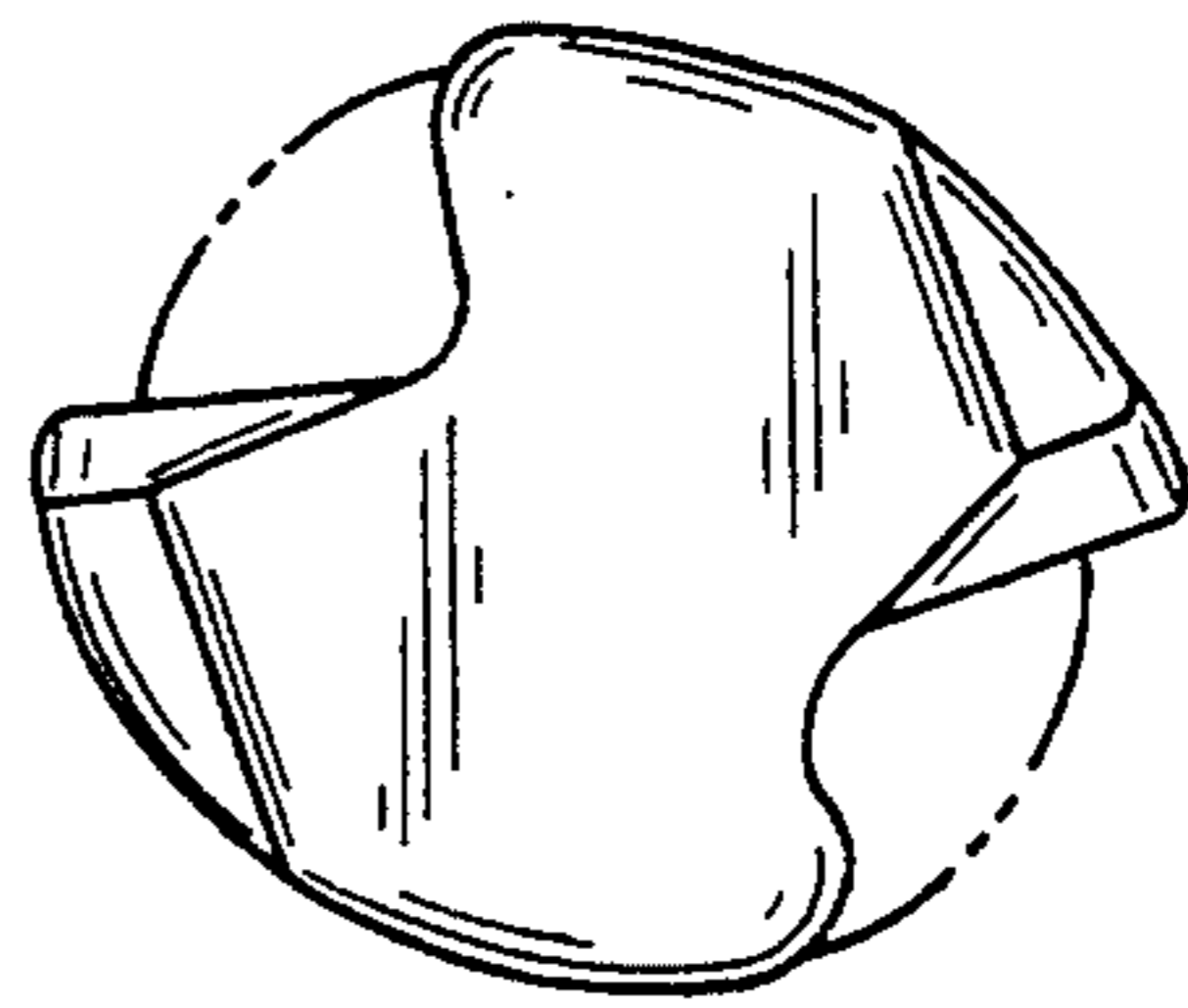


FIG. 9

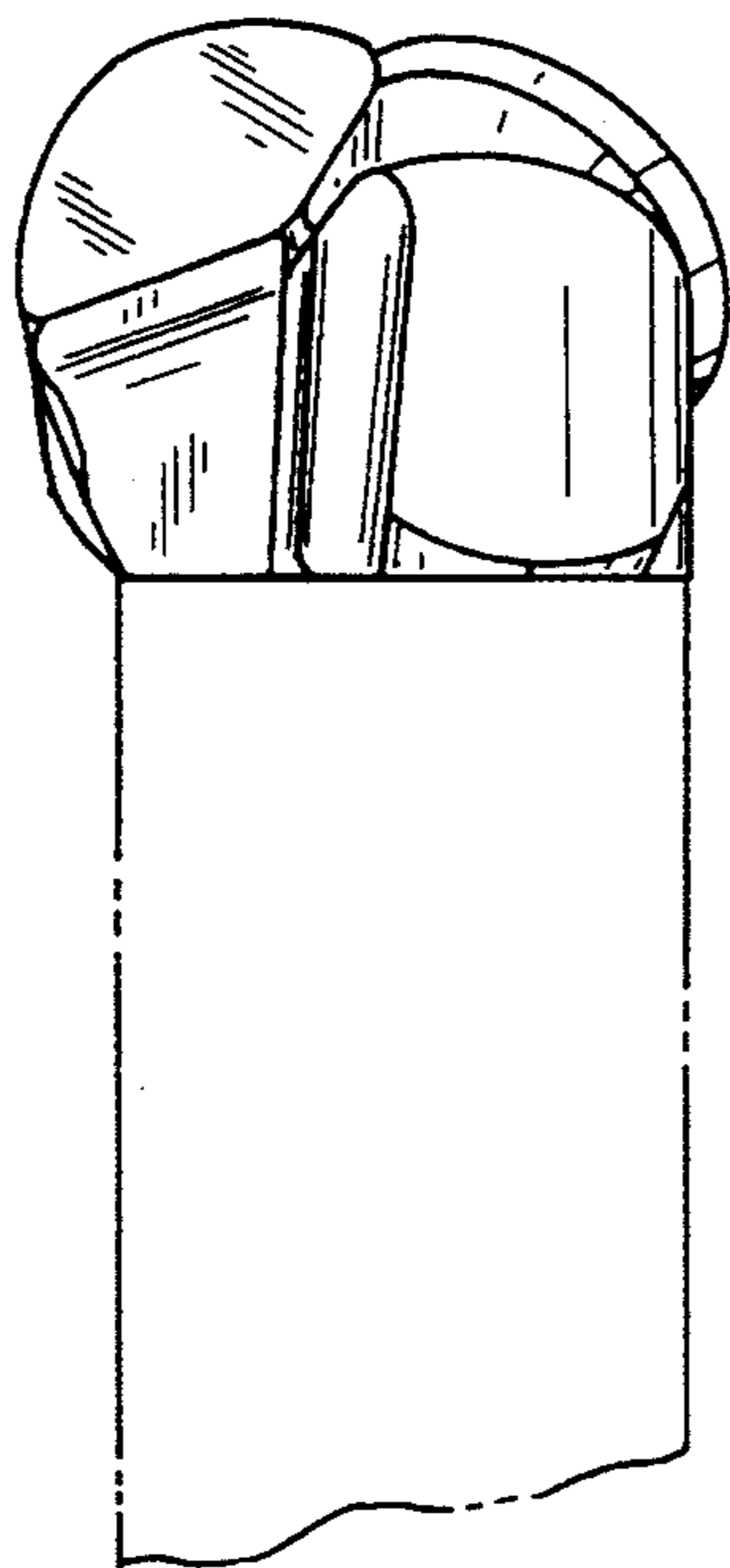


FIG. 7

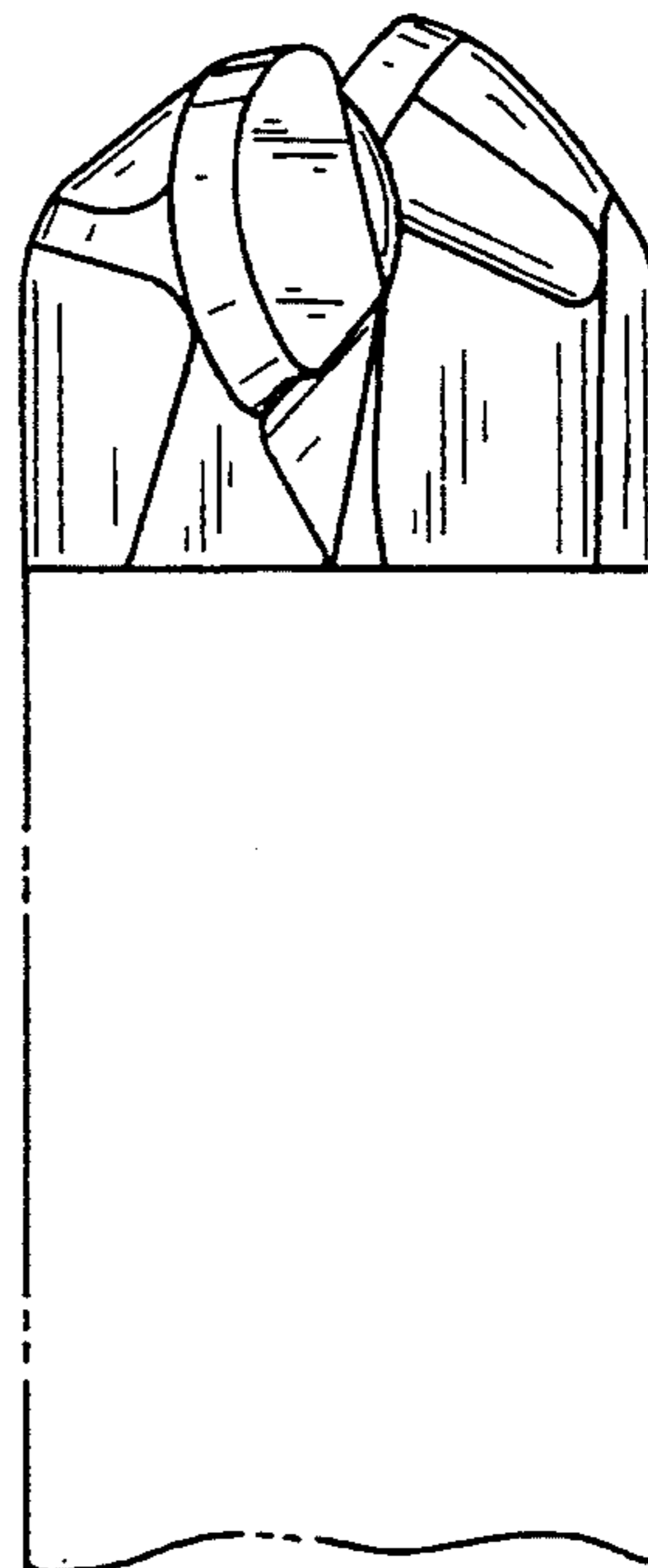


FIG. 8

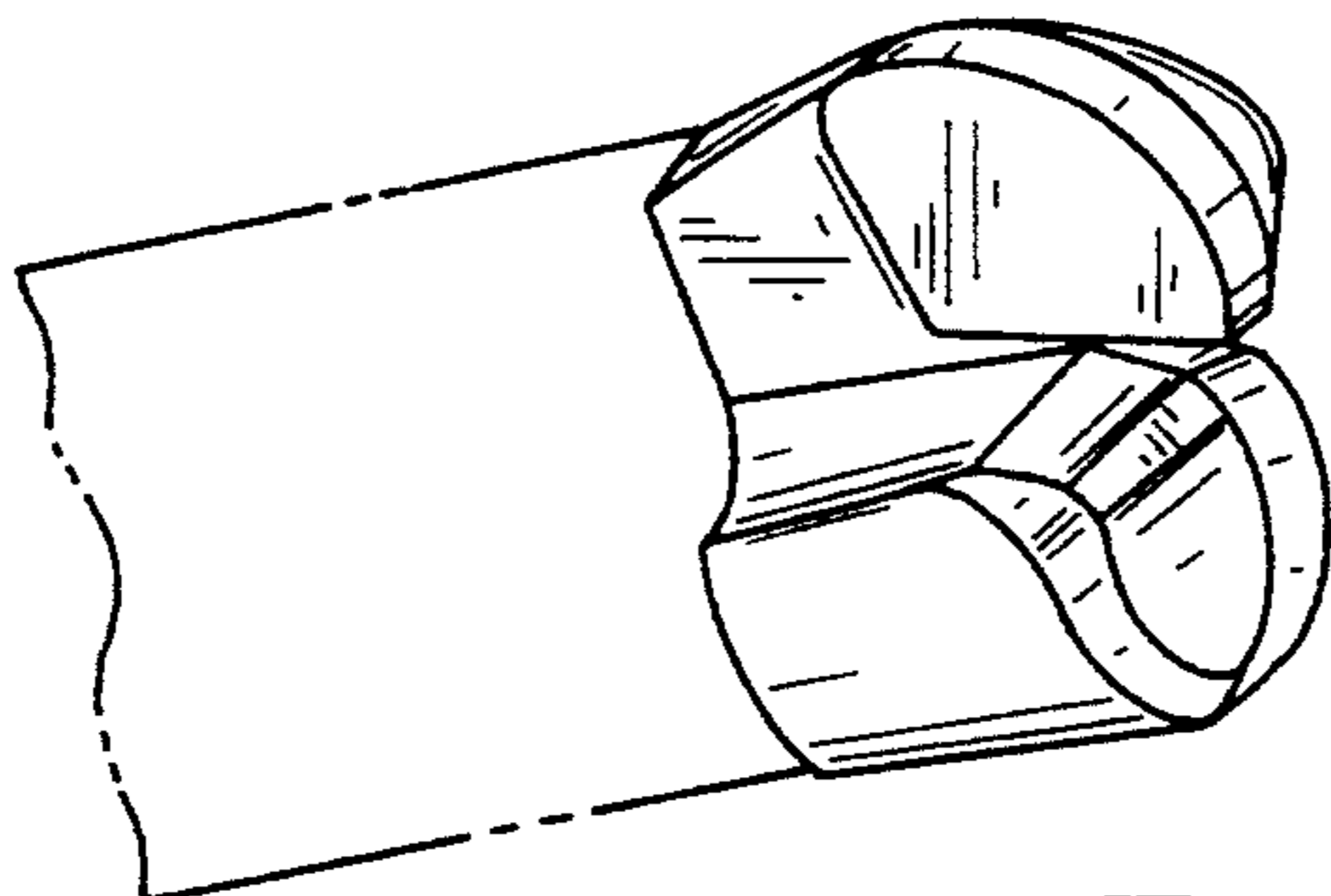


FIG. 10