



US00D862192S

(12) **United States Design Patent** (10) **Patent No.:** **US D862,192 S**
Chang (45) **Date of Patent:** **** Oct. 8, 2019**

(54) **TOOL HANDLE**
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(72) Inventor: **Yi-Fan Chang**, Taichung (TW)
(**) Term: **15 Years**
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(51) **LOC (12) Cl.** **08-04**
(52) **U.S. Cl.**
USPC **D8/83**
(58) **Field of Classification Search**
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D8/107, 300, 303; D7/395; D32/46, 49;
D24/146, 147
CPC Y10T 16/44; Y10T 16/498; Y10T 16/47;
Y10T 16/4986; B25B 23/16; B25B 15/02;
B25B 7/00; B25F 1/00; B25G 1/10;
B25G 1/102
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D338,378 S * 8/1993 Concari D8/10
D360,343 S * 7/1995 Concari D8/10
D411,780 S * 7/1999 Muller D7/395
6,148,701 A * 11/2000 Lee B25G 1/105
81/177.1
D447,678 S * 9/2001 Staton D8/107
D454,477 S * 3/2002 Lin D8/83
D465,715 S * 11/2002 Chiang D8/107
D481,822 S * 11/2003 Wang D26/72
D517,394 S * 3/2006 Chen D8/107
D585,261 S * 1/2009 Shih D8/83

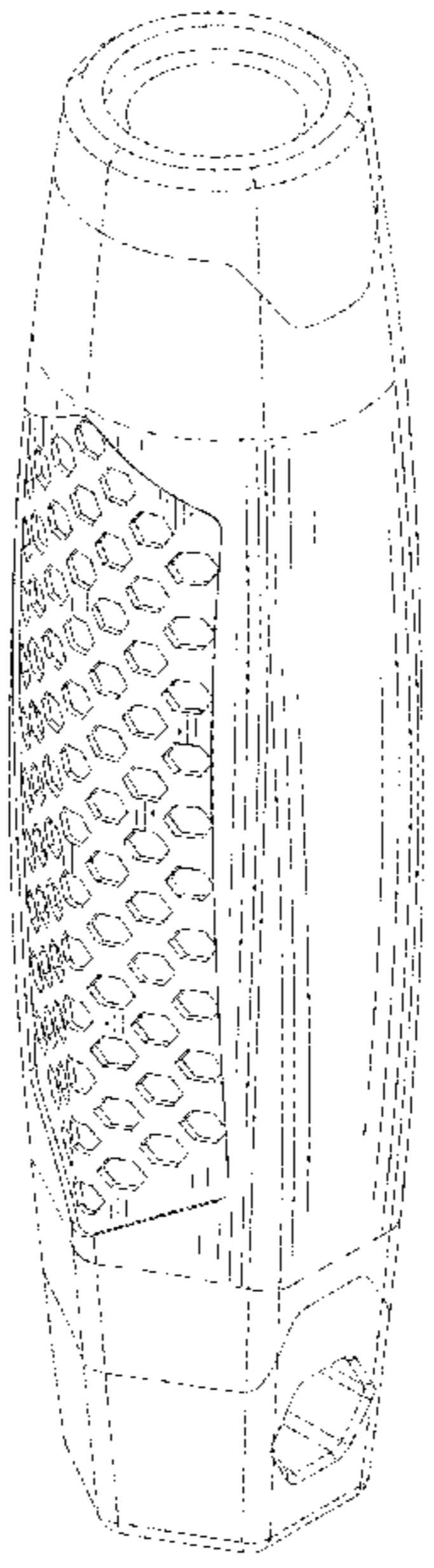
D589,322 S * 3/2009 Demers D8/107
D657,225 S * 4/2012 Chen D8/83
D740,640 S * 10/2015 Lai D8/83
D819,417 S * 6/2018 Graykowski D8/47
D840,031 S * 2/2019 Teufel D24/140
2002/0104194 A1* 8/2002 Erenaga B25G 1/105
16/430
2005/0097994 A1* 5/2005 Liao B25B 13/466
81/58.3

* cited by examiner
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(57) **CLAIM**
I claim the ornamental design for a tool handle, as shown and described.

DESCRIPTION
FIG. 1 is a right, front, and top perspective view of a tool handle showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a right, rear and bottom perspective view thereof;
and,
FIG. 9 is an embodiment showing the tool handle in use.
The broken lines in the drawings illustrate portions of the tool handle which form no part of the claimed design.
The dot dash dot broken lines define the boundaries of the claim and form no part thereof.

1 Claim, 6 Drawing Sheets



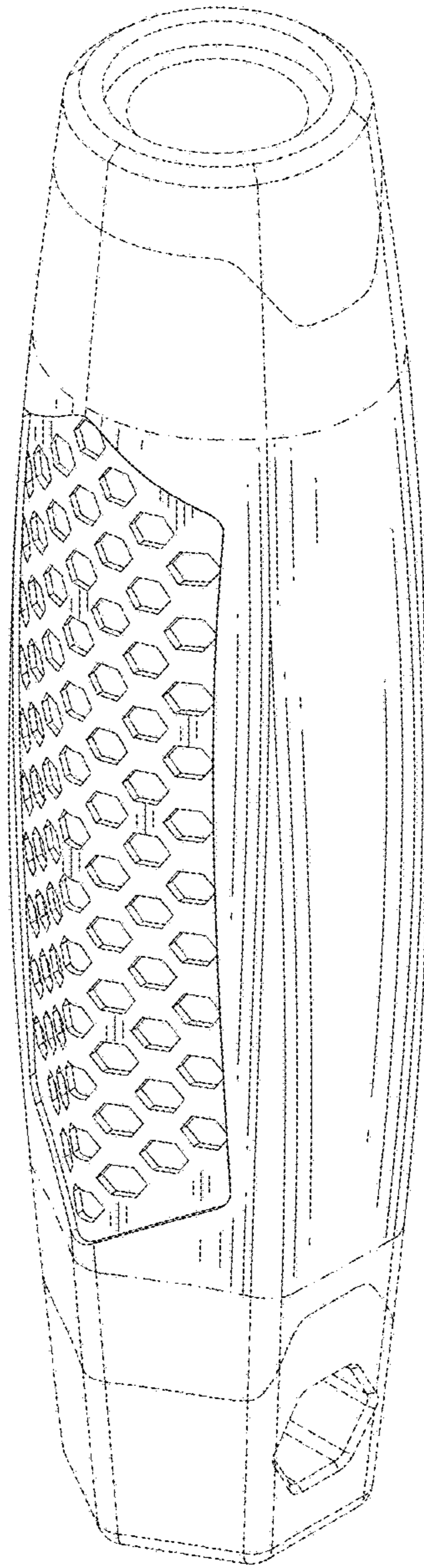


FIG. 1

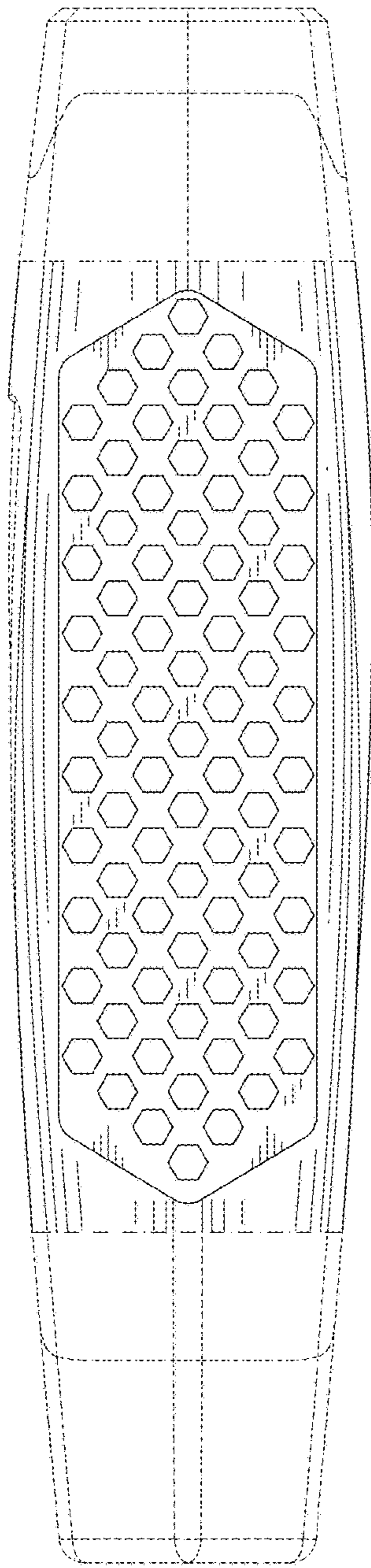


FIG. 2

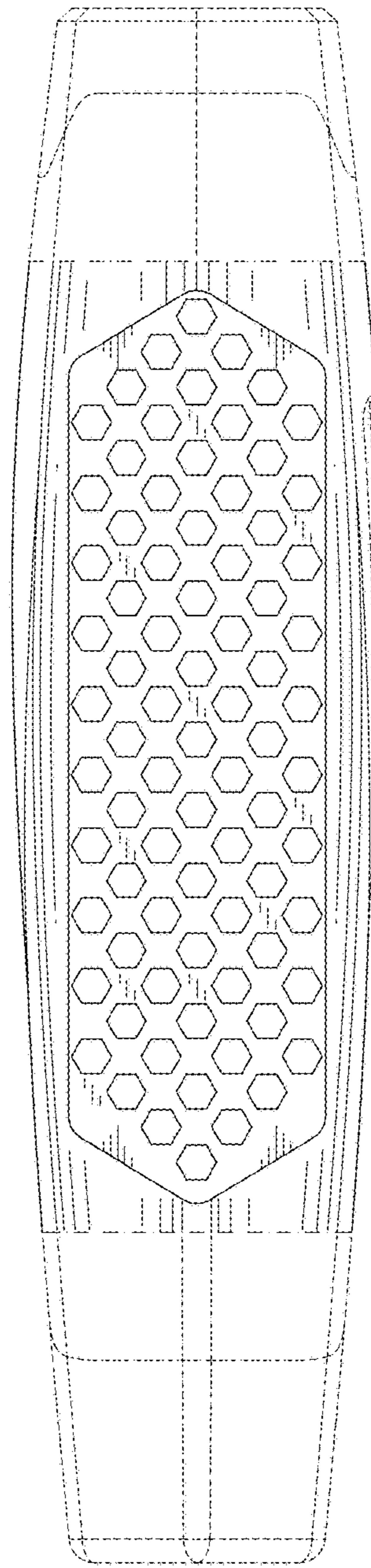


FIG. 3

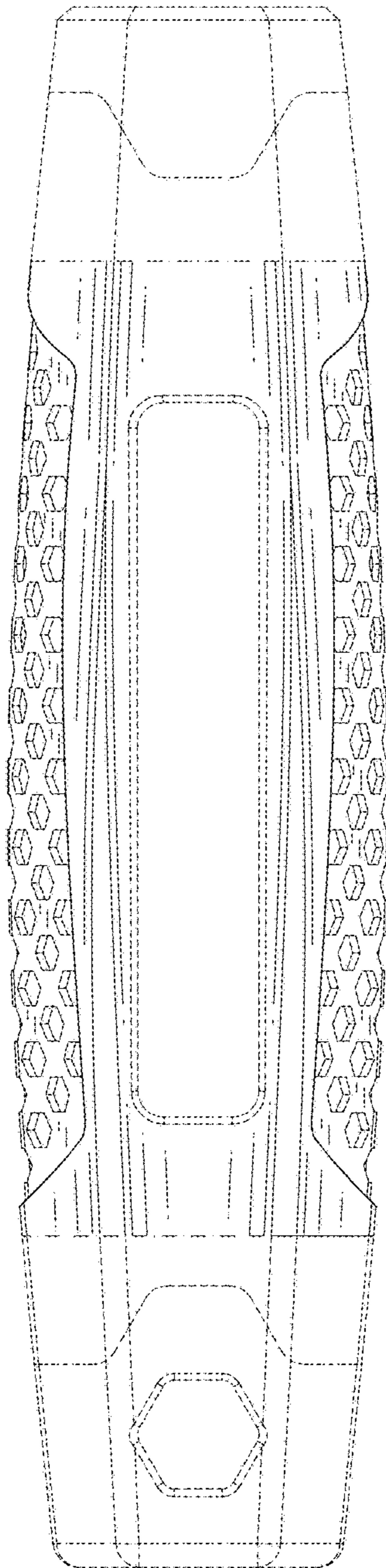


FIG. 4

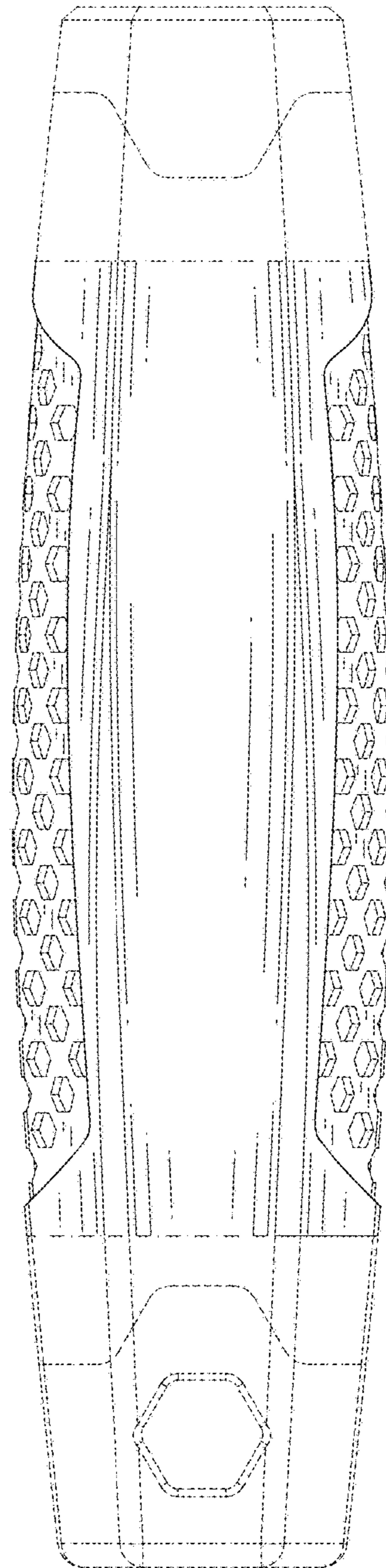


FIG. 5

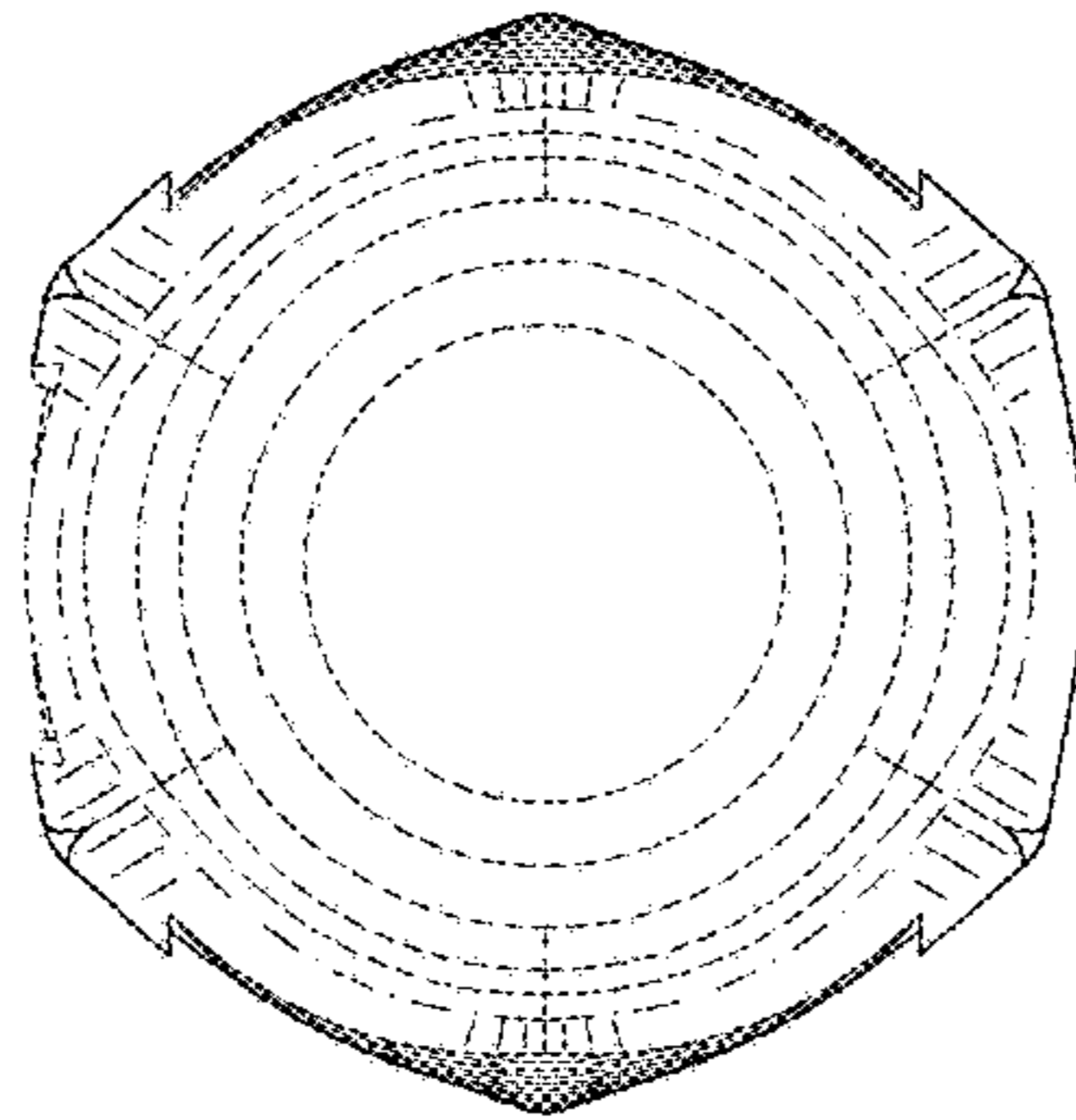


FIG. 6

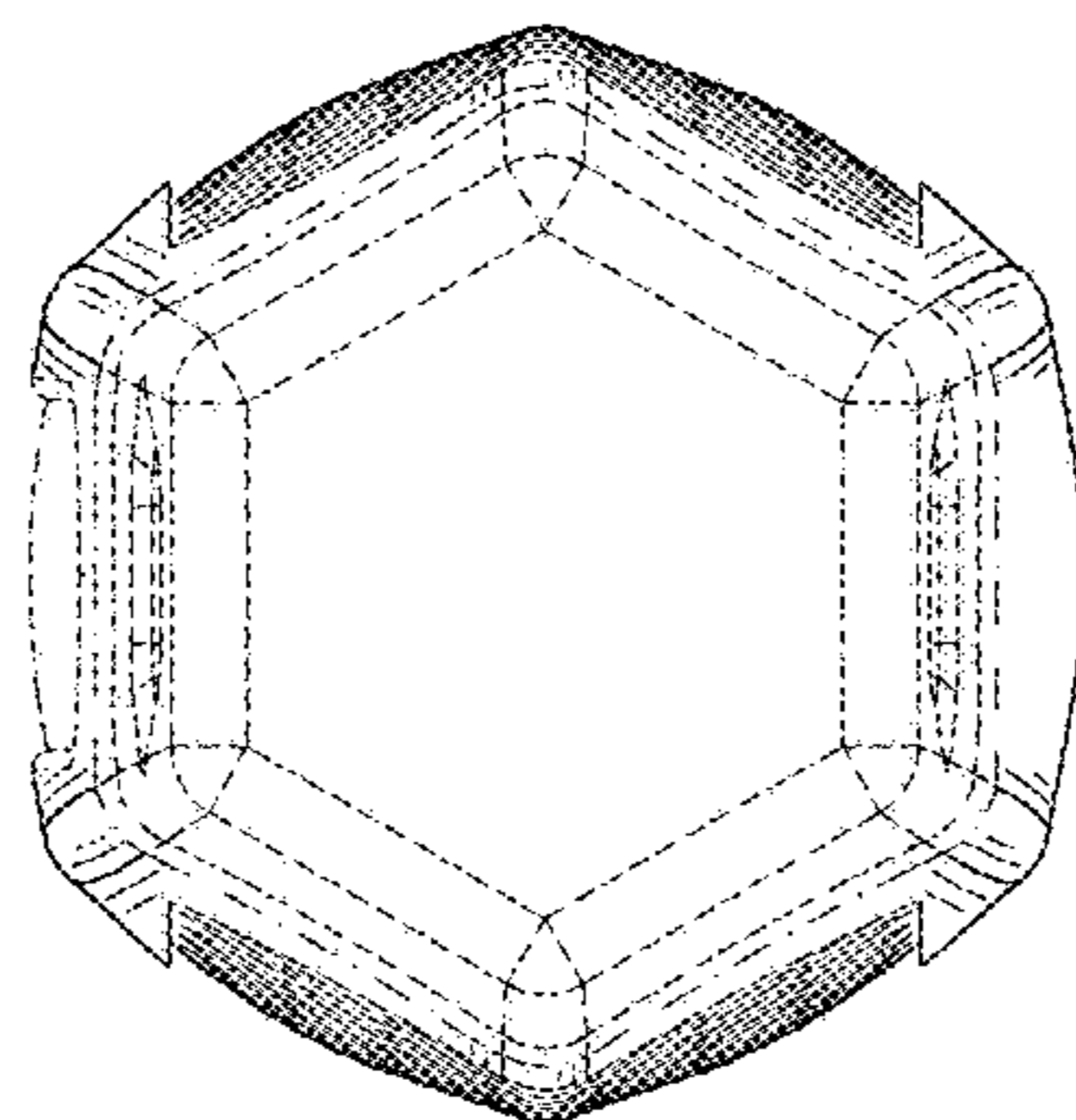


FIG. 7

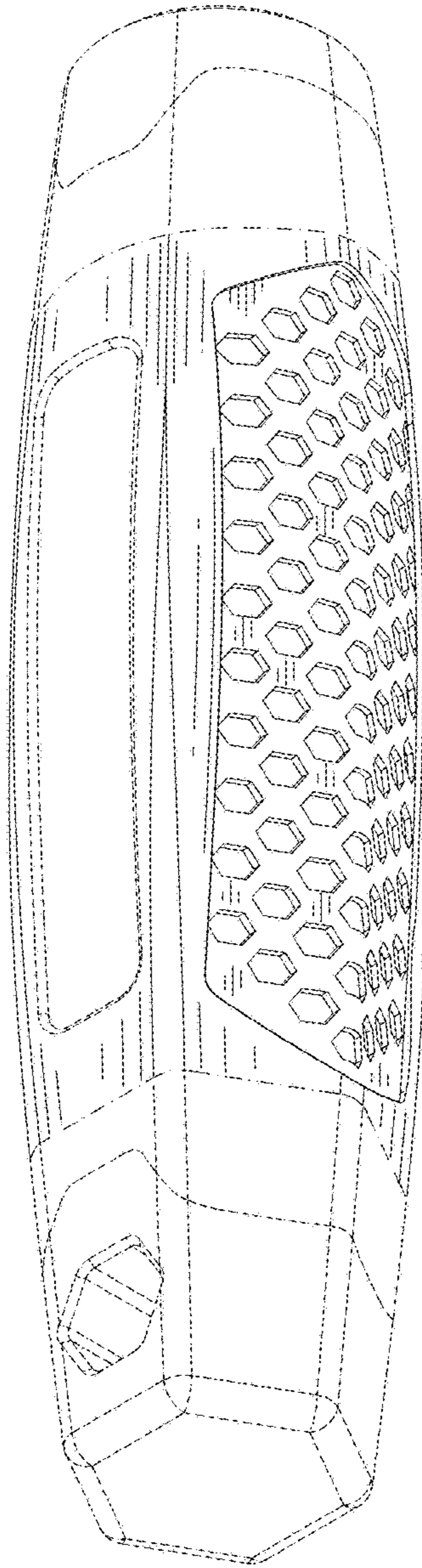


FIG. 8

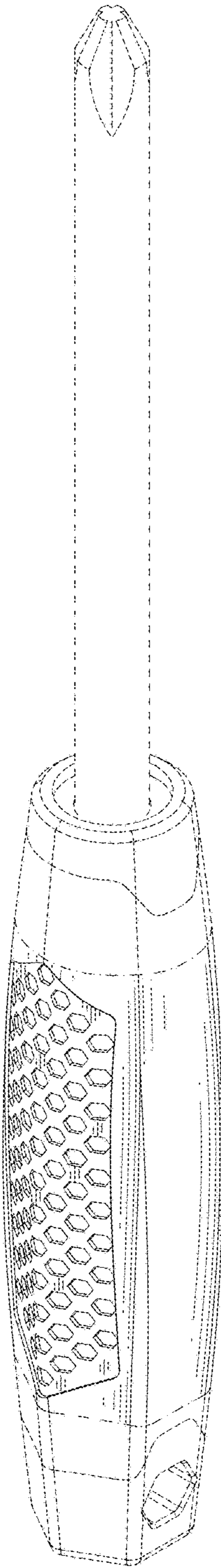


FIG. 9