



US00D955834S

(12)

United States Design Patent

Haight et al.

(10) Patent No.:

US D955,834 S

(45) Date of Patent:

** Jun. 28, 2022

(54) **BLADE HUB**

(71) Applicant: **Zimmer, Inc.**, Warsaw, IN (US)

(72) Inventors: **Michael D. Haight**, Sacramento, CA (US); **Jonathon Oakleaf**, Carmichael, CA (US)

(73) Assignee: **Zimmer, Inc.**, Warsaw, IN (US)

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

(21) Appl. No.: **29/819,922**

(22) Filed: **Dec. 17, 2021**

Related U.S. Application Data

(62) Division of application No. 29/717,833, filed on Dec. 19, 2019, now Pat. No. Des. 941,648.

(51) **LOC (13) Cl.** **08-03**

(52) **U.S. Cl.**
USPC **D8/20**

(58) **Field of Classification Search**
USPC D8/20, 98–104, 70, 16, 19; D7/693;
D15/139; D32/46, 49
CPC .. B23D 61/121; B23D 61/123; B23D 61/126;
B23D 61/128; B23D 49/14; B26B 1/02
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

339,606 A	4/1886	Wells
825,063 A	7/1906	Lawbaugh
832,455 A	10/1906	Christensen
2,559,993 A	7/1951	Parrigin et al.
2,644,267 A	7/1953	Helgeson
D178,437 S	7/1956	Walborn
D201,710 S	7/1965	Monek
3,229,316 A	1/1966	Matheson
3,566,424 A	3/1971	Burbig
D221,348 S	8/1971	Myer

4,536,910 A	8/1985	Clark	
D348,194 S	6/1994	Tanis	
D356,259 S	3/1995	Hoyt	
D367,591 S	3/1996	Ancona	
5,850,657 A	12/1998	List et al.	
5,894,624 A	4/1999	Fulenwider	
D427,376 S	6/2000	Scott	
D503,874 S	4/2005	Lu	
7,028,584 B1	4/2006	Gracy	
D630,909 S	1/2011	Freese	
D682,652 S *	5/2013	McRoberts	D8/20
D6,860,485	7/2013	Lock	

(Continued)

OTHER PUBLICATIONS

“U.S. Appl. No. 29/717,833, Notice of Allowance dated Sep. 30, 2021”, 7 pgs.

(Continued)

Primary Examiner — Elizabeth A. Albert

(74) Attorney, Agent, or Firm — Schwegman Lundberg & Woessner, P.A.

(57) CLAIM

The ornamental design for a blade hub, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a blade hub showing our new design;

FIG. 2 is a top view of the blade hub of FIG. 1;

FIG. 3 is a bottom view of the blade hub of FIG. 1;

FIG. 4 is a left side view of the blade hub of FIG. 1;

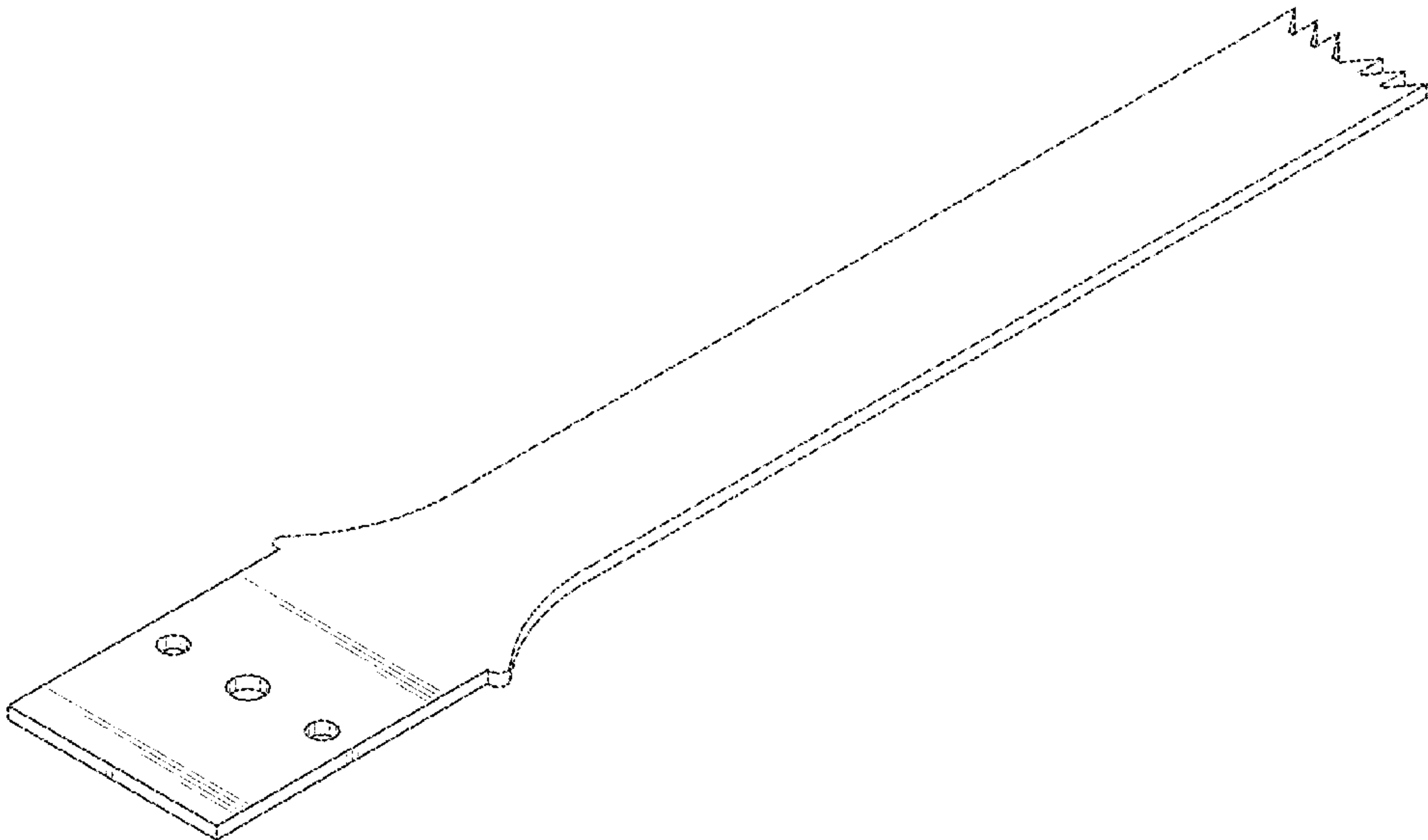
FIG. 5 is a right side view of the blade hub of FIG. 1;

FIG. 6 is a front view of the blade hub of FIG. 1; and,

FIG. 7 is a rear view of the blade hub of FIG. 1.

The broken line disclosure in the drawings is included to show a portion of the blade hub that forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D694,077 S * 11/2013 Bozic D8/20
D697,384 S 1/2014 Wackwitz
D698,213 S 1/2014 Coursey et al.
D702,517 S 4/2014 Wilson
D724,923 S * 3/2015 McRoberts D8/20
D729,020 S 5/2015 Audette, Jr.
D764,245 S 8/2016 Amarant
D809,356 S 2/2018 Butscher et al.
D832,432 S 10/2018 Chappuis et al.
D867,094 S 11/2019 Rowley
D871,185 S * 12/2019 Kaye, Jr. D8/20
D874,774 S 2/2020 Thompson et al.
D924,030 S * 7/2021 Kaye, Jr. D8/20
2011/0010868 A1 1/2011 Palladino

OTHER PUBLICATIONS

“U.S. Appl. No. 29/717,833, Response filed Sep. 13, 2021 to Restriction Requirement dated Jul. 14, 21”, 7 pgs.
“U.S. Appl. No. 29/717,833, Restriction Requirement dated Jul. 14, 2021”, 7 pgs.

* cited by examiner

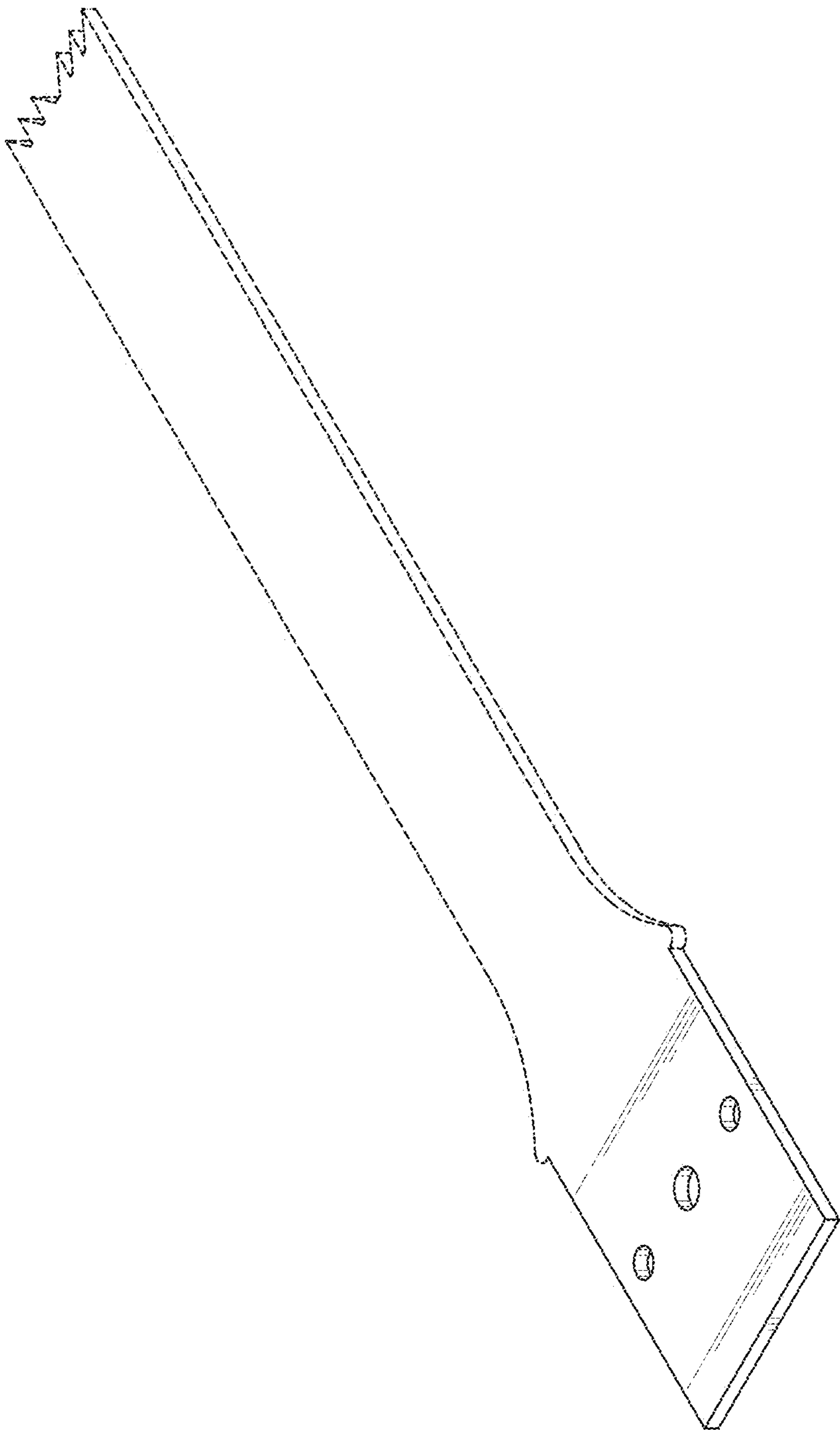


FIG. 1

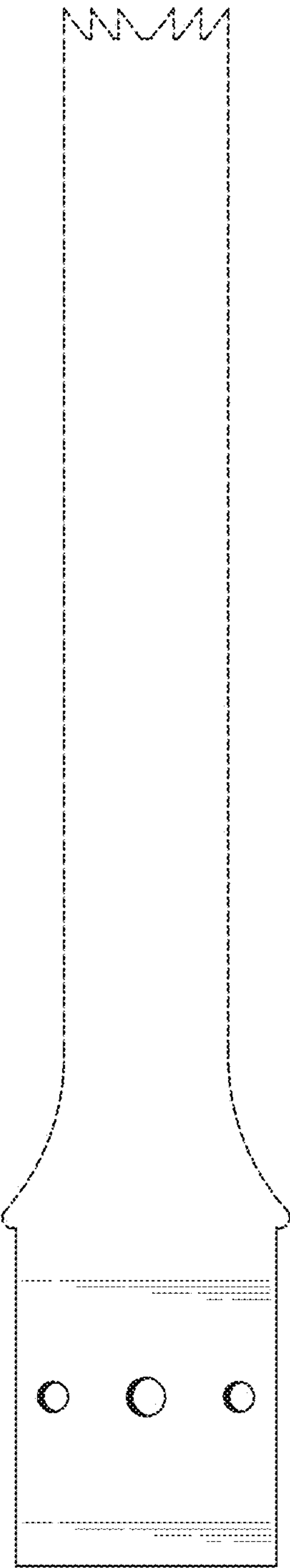


FIG. 2

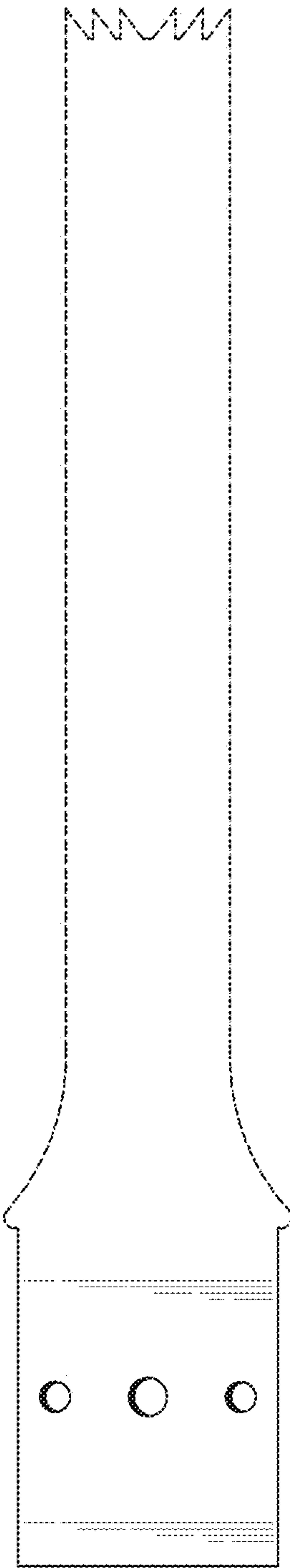


FIG. 3

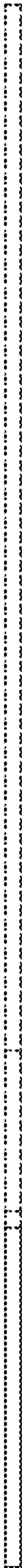


FIG. 4



FIG. 5

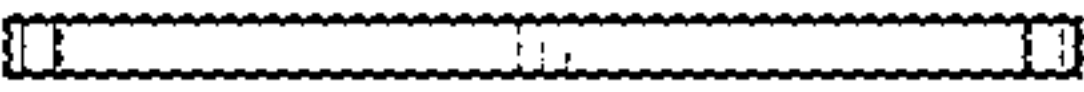


FIG. 6

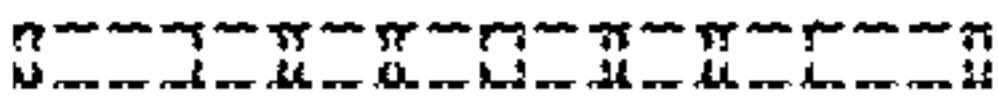


FIG. 7