



US00D756270S

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

(10) **Patent No.:** **US D756,270 S**
(45) **Date of Patent:** **** May 17, 2016**

(54) **BICYCLE PEDAL CRANK AND SPROCKET ASSEMBLY**

(71) Applicant: **Campagnolo S.R.L.**, Vicenza (IT)

(72) Inventor: **Nicola Sgreva**, Arcugnano (IT)

(73) Assignee: **Campagnolo S.r.l.**, Vicenza (IT)

(**) Term: **14 Years**

(21) Appl. No.: **29/520,380**

(22) Filed: **Mar. 13, 2015**

Related U.S. Application Data

(63) Continuation of application No. 29/481,592, filed on Feb. 7, 2014.

(30) **Foreign Application Priority Data**

Aug. 7, 2013 (EM) 002288159

(51) **LOC (10) Cl.** **12-11**

(52) **U.S. Cl.**
USPC **D12/123**

(58) **Field of Classification Search**
USPC D12/111, 122-127; 474/77, 80, 116,
474/118, 152, 155-158, 160-164, 202;
280/288.4, 304.3, 304.4; 74/594.2
CPC F16H 7/06; F16H 55/30; F16H 55/303;
F16F 55/12; B62M 9/105
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D356,526 S * 3/1995 Burns D12/123
D485,791 S * 1/2004 Mombrinie D12/123
7,022,037 B2 * 4/2006 Valle B62M 9/105
474/152
D520,920 S * 5/2006 Okada D12/123
D532,342 S * 11/2006 Arakawa D12/123

D553,055 S * 10/2007 Tokumoto D12/123
D555,048 S * 11/2007 Hanamura D12/123
D580,303 S * 11/2008 Okada D12/123
D600,166 S * 9/2009 Tokumoto D12/123
D607,784 S * 1/2010 Gisbert D12/123
D675,549 S * 2/2013 Noborio D12/123

(Continued)

FOREIGN PATENT DOCUMENTS

JP D1080521 S 7/2000
JP D1157705 S 11/2002
TW 268764 1/1996

(Continued)

OTHER PUBLICATIONS

Search report issued in corresponding Taiwanese Patent Application No. 103300710 on Jun. 16, 2015, with English Translation Provided (6 pgs.).

(Continued)

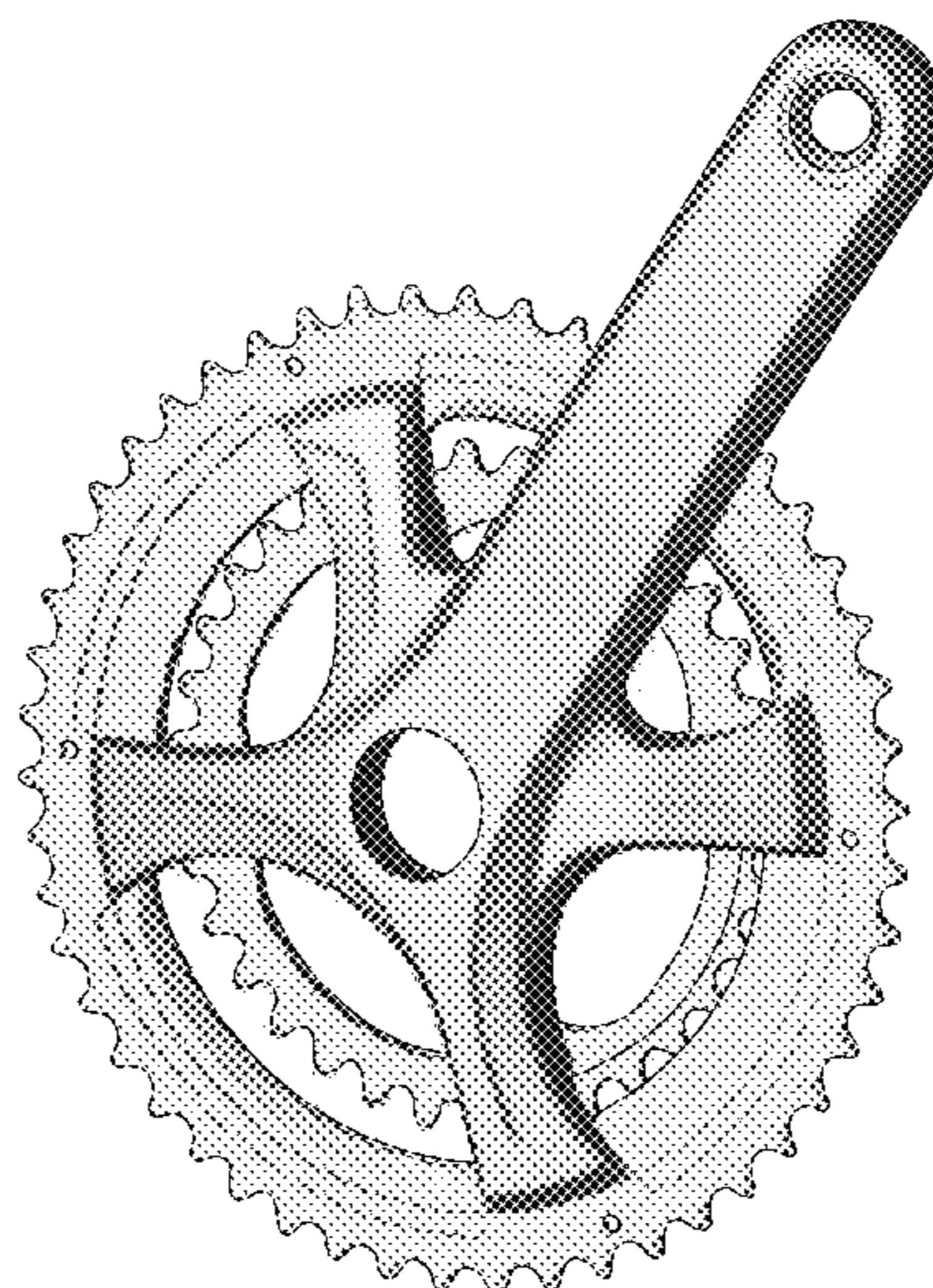
Primary Examiner — Philip S Hyder
Assistant Examiner — Darlington Ly
(74) *Attorney, Agent, or Firm* — Volpe and Koenig, P.C.

(57) **CLAIM**
The ornamental design for a bicycle pedal crank and sprocket assembly, as shown and described.

DESCRIPTION

FIG. 1 is a top and rear perspective view of the bicycle pedal crank and sprocket assembly according to the invention; FIG. 2 is a top and front perspective view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a rear elevation view thereof; FIG. 6 is a front elevation view thereof; FIG. 7 is a right side elevation view thereof; and, FIG. 8 is a left side elevation view thereof.

1 Claim, 8 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

U.S. PATENT DOCUMENTS

2003/0073531 A1* 4/2003 Tseng B62M 9/105
474/160
2003/0153423 A1* 8/2003 Smith B62M 9/10
474/160

FOREIGN PATENT DOCUMENTS

TW 268765 1/1996
TW 286174 9/1996
TW D100566 10/2004
TW D150390 11/2012

Search report issued in corresponding Taiwanese Patent Application No. 103300710D01 on Jun. 25, 2015, with English Translation Provided (6 pgs.).

Search report issued in corresponding Taiwanese Patent Application No. 104301766 on Jun. 25, 2015, with English Translation Provided (6 pgs.).

Office Action issued in corresponding Taiwanese Patent Application No. 103300710 on Oct. 24, 2014, consisting of 6 pp. English Translation Provided.

* cited by examiner



FIG. 1



FIG. 2

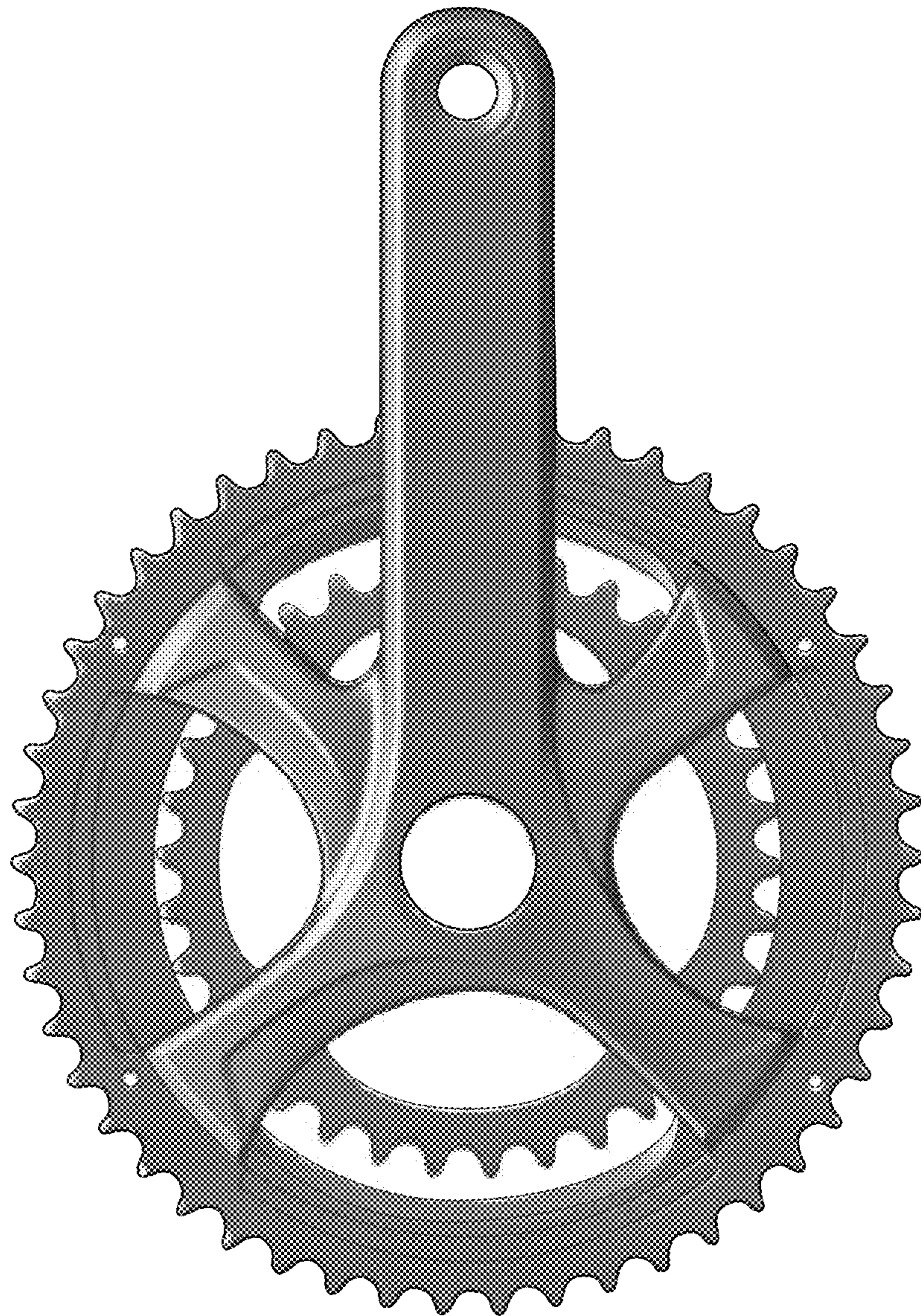


FIG. 3

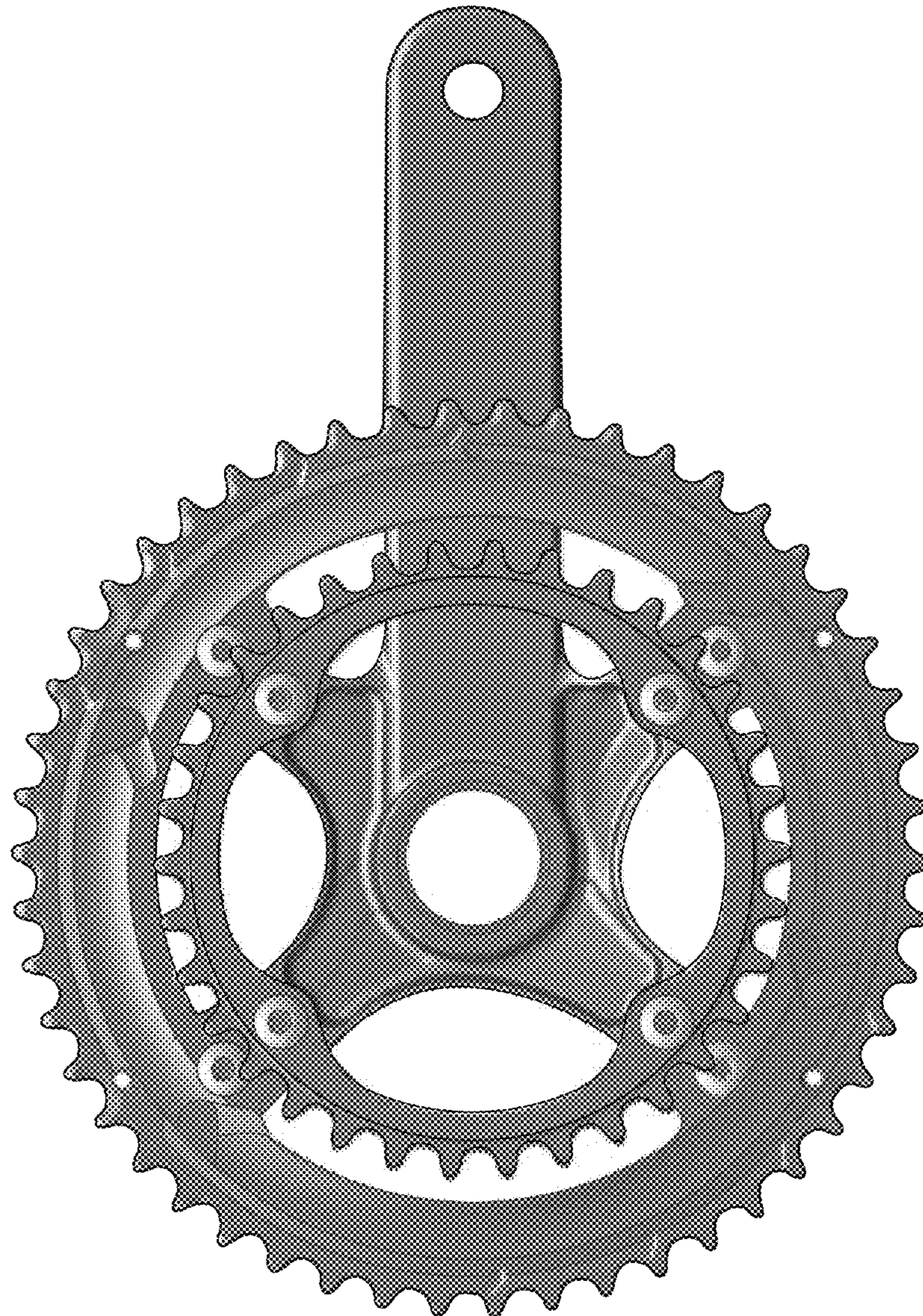


FIG. 4

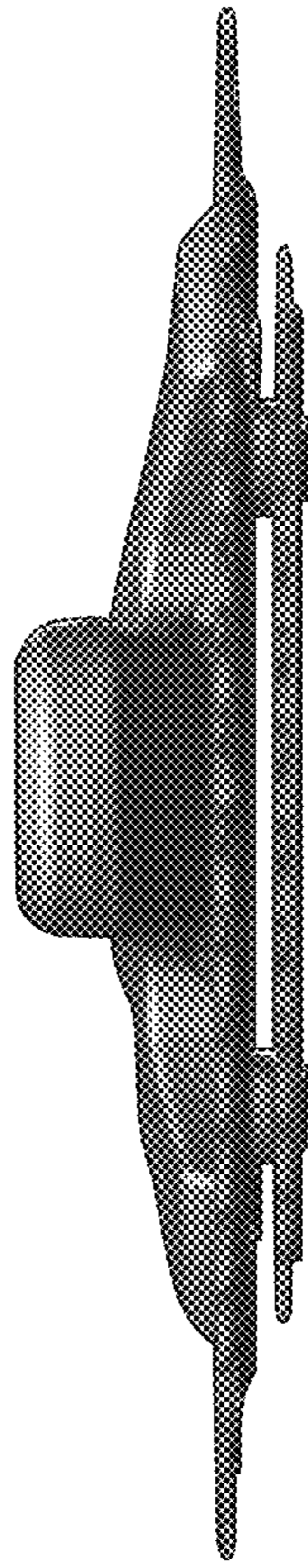


FIG. 5

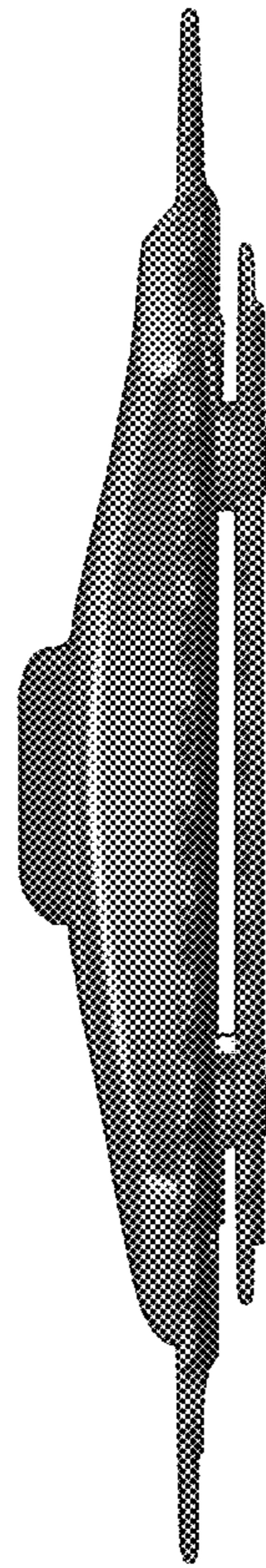


FIG. 6

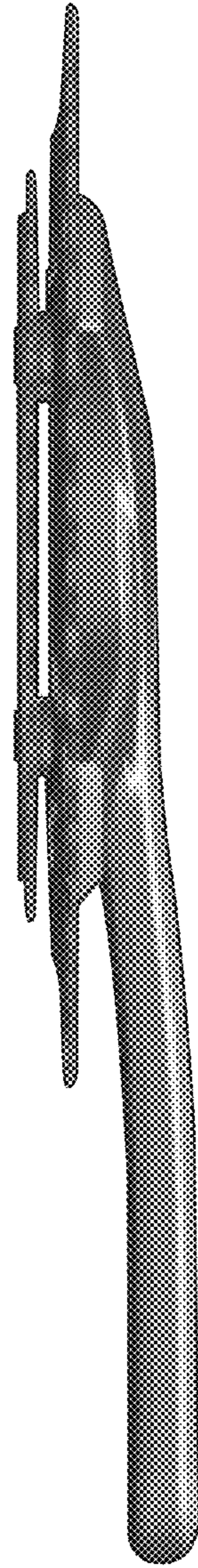


FIG. 7

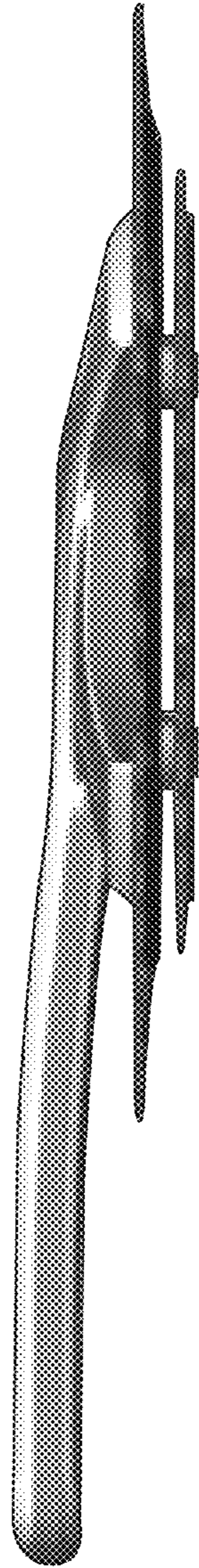


FIG. 8