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

(10) **Patent No.:** **US D756,506 S**
(45) **Date of Patent:** **** May 17, 2016**

(54) **PEN-SHAPED INJECTION DEVICE**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

(72) Inventor: **James Leslie Rhodri Jones**, Carmarthenshire (GB)

5,279,586	A *	1/1994	Balkwill	A61M 5/3158 222/309
5,921,966	A *	7/1999	Bendek	A61M 5/24 604/207
D479,601	S *	9/2003	Tyce	D19/164
D499,485	S *	12/2004	Tyce	D19/164
D501,253	S *	1/2005	Bainton	D19/164
D503,797	S *	4/2005	Tyce	D24/114
D623,732	S *	9/2010	Brady	D24/113
8,771,237	B2 *	7/2014	Markussen	604/187
D734,450	S *	7/2015	Geert-Jensen	D24/113
9,072,841	B2 *	7/2015	Thueer	A61M 5/2448
9,089,651	B2 *	7/2015	Butler	A61M 5/31525
9,192,728	B2 *	11/2015	Gilmore	A61M 5/31551

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

(21) Appl. No.: **29/532,954**

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(Continued)

Related U.S. Application Data

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(30) **Foreign Application Priority Data**

Sep. 4, 2013 (EM) 002 302 513

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/113**

(58) **Field of Classification Search**
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606/181, 185; 604/264, 272, 115, 232,
604/187, 158, 164.08, 192, 263, 163, 181,
604/184, 198, 227; 600/101, 139, 143;
128/200.24, 207.14, 207.15;
D19/115-123, 177, 193

CPC A61M 5/3156; A61M 5/31591; A61M
5/3155; A61M 5/3157; A61M 5/24; A61M
5/31501; A61M 5/31551; A61M 5/31585;
A61M 2005/2407; A61M 2005/2492; A61M
2205/581; A61M 2205/582

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a pen-shaped injection device, as shown and described.

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a perspective view of a pen-shaped injection device showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

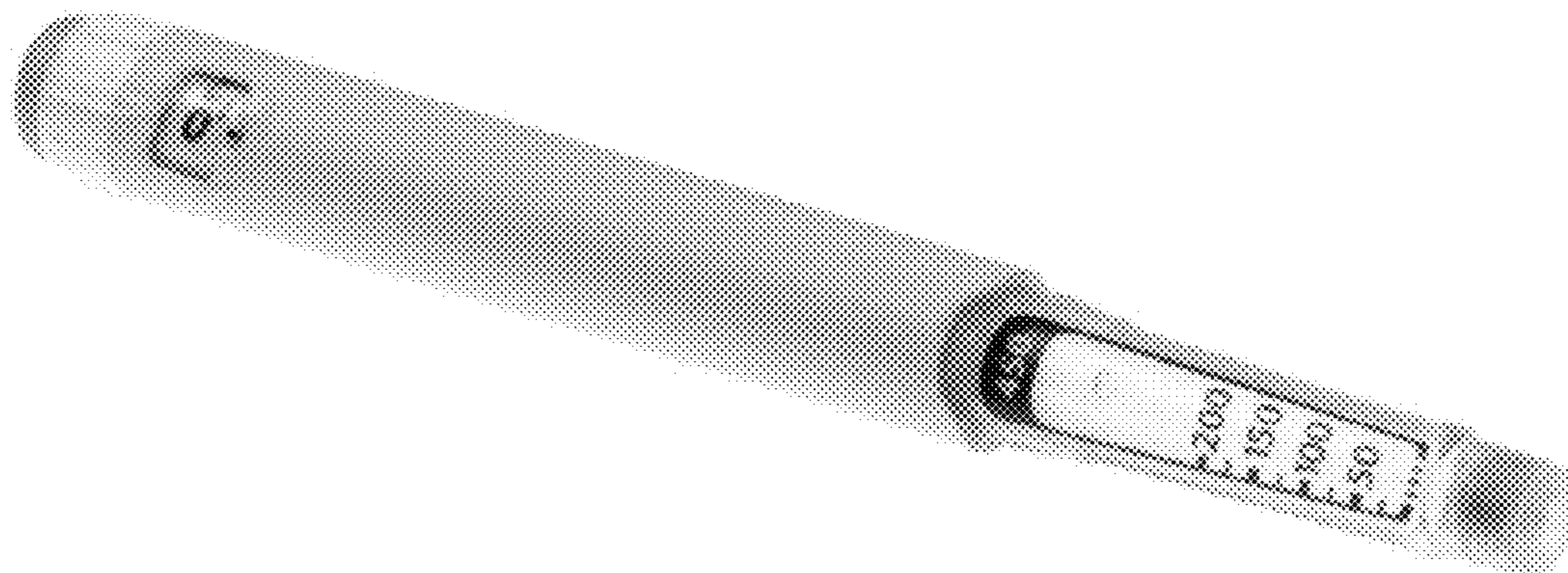
FIG. 4 is a side view thereof;

FIG. 5 is an opposite side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets
(7 of 7 Drawing Sheet(s) Filed in Color)



(56)

References Cited

U.S. PATENT DOCUMENTS

9,199,040 B2 * 12/2015 Plumptre A61M 5/31541
2012/0283696 A1 * 11/2012 Cronenberg A61M 5/3213
604/506
2013/0041321 A1 * 2/2013 Cross A61M 5/2448
604/189
2013/0204187 A1 * 8/2013 Avery A61M 5/24
604/111
2013/0237922 A1 * 9/2013 Davies A61M 5/2425
604/205
2013/0245563 A1 * 9/2013 Mercer A61M 5/3294
604/191
2014/0031759 A1 * 1/2014 Kouyoumjian A61M 5/2448
604/191

2014/0163478 A1 * 6/2014 Hoppe A61M 5/24
604/208
2015/0018770 A1 * 1/2015 Baran F16B 21/088
604/187
2015/0057619 A1 * 2/2015 Osman A61M 5/24
604/189
2015/0073349 A1 * 3/2015 Jugl A61M 5/31525
604/187
2015/0080811 A1 * 3/2015 Wieselblad A61M 5/3155
604/207
2015/0112274 A1 * 4/2015 Quinn A61M 5/31501
604/207
2015/0112277 A1 * 4/2015 Groeschke A61M 5/24
604/218

* cited by examiner

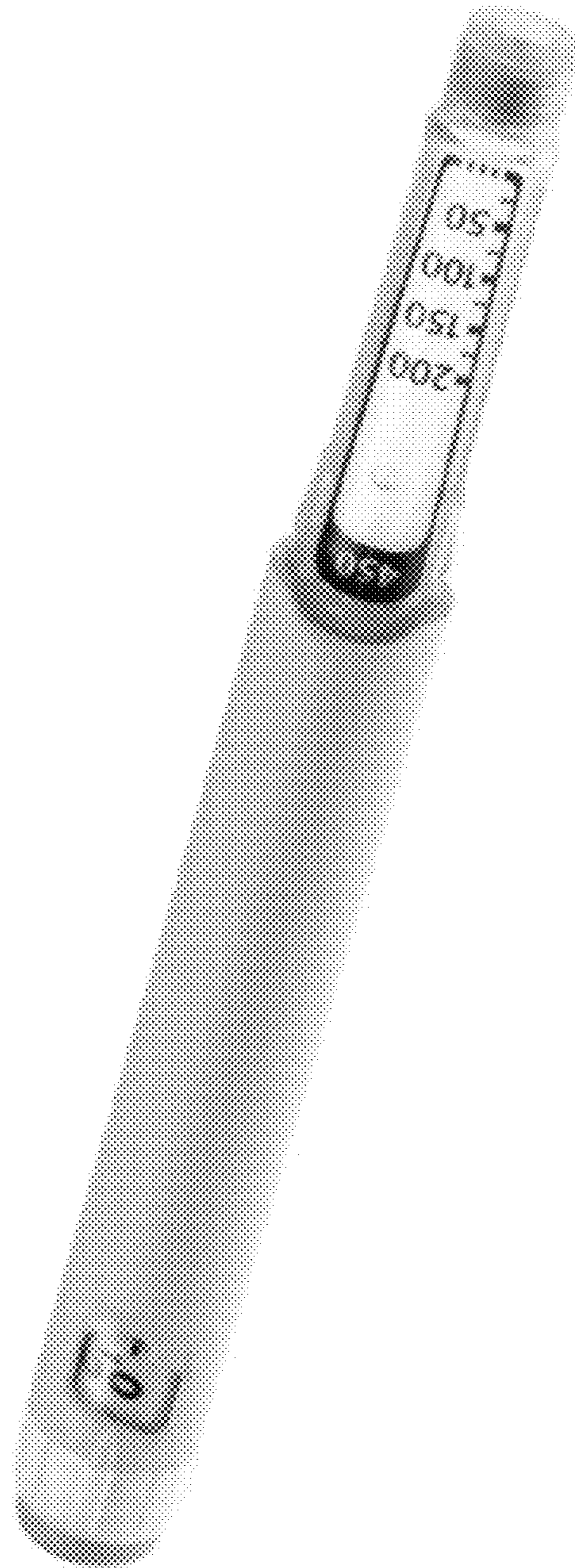


FIG. 1

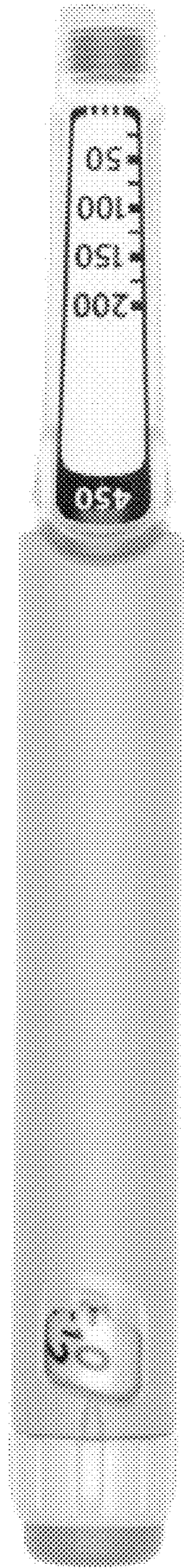


FIG. 2

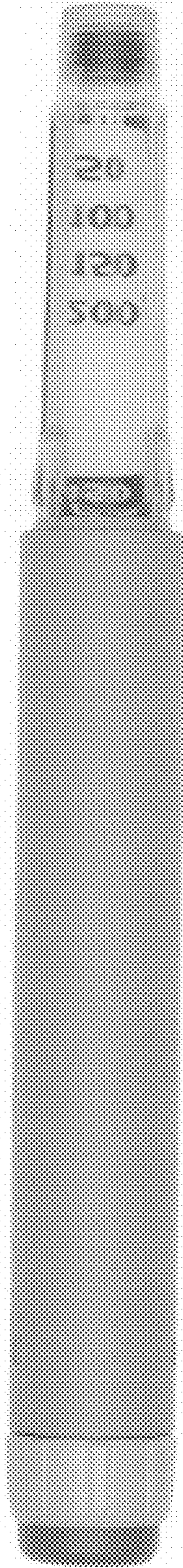


FIG. 3

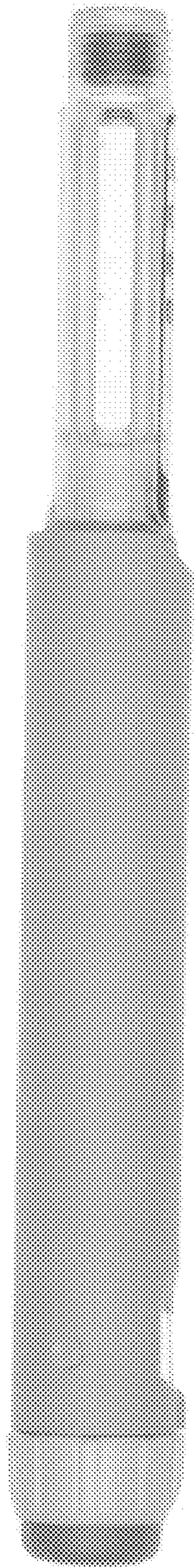


FIG. 4

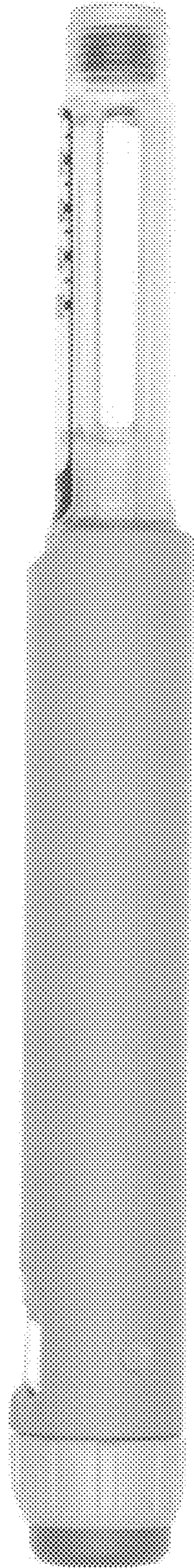


FIG. 5

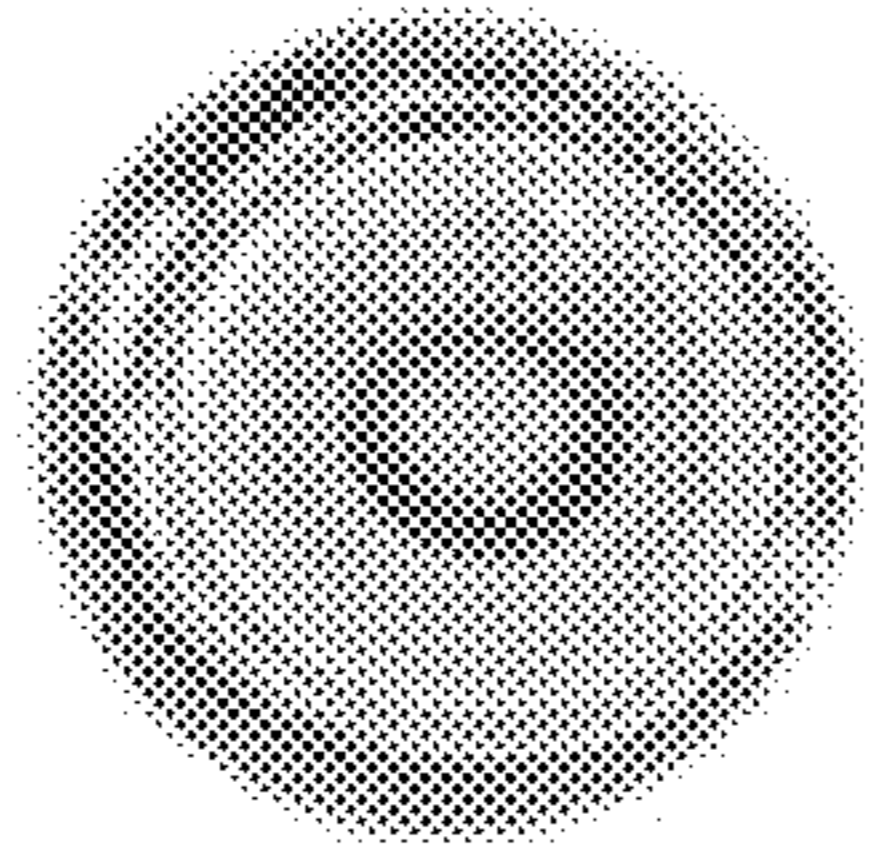


FIG. 6

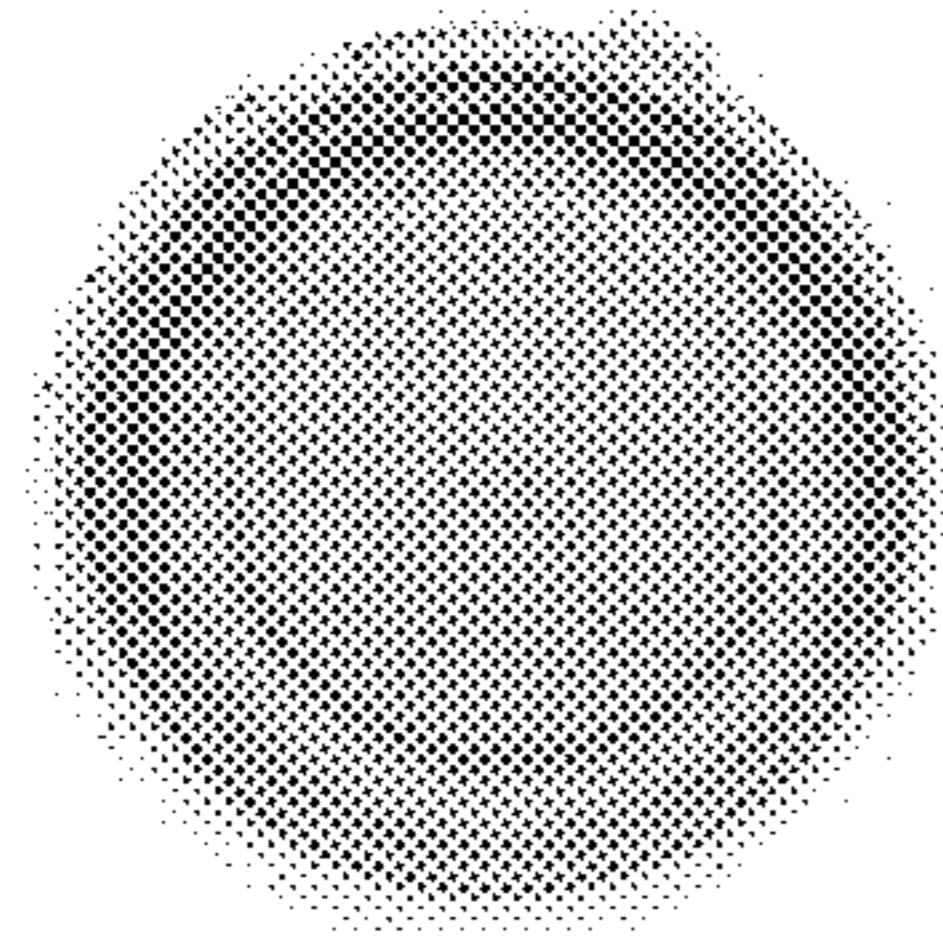


FIG. 7