

US00D847740S

(12) **United States Design Patent** (10) **Patent No.:** **US D847,740 S**
Yamanouchi (45) **Date of Patent:** **** May 7, 2019**

(54) **CHARGING STAND FOR A VACUUM CLEANER**

(71) Applicant: **Toshiba Lifestyle Products & Services Corporation**, Kawasaki-shi, Kanagawa (JP)

(72) Inventor: **Toshiyuki Yamanouchi**, Yokohama (JP)

(73) Assignee: **Toshiba Lifestyle Products & Services Corporation**, Kawasaki-shi, Kanagawa (JP)

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

(21) Appl. No.: **29/619,308**

(22) Filed: **Sep. 28, 2017**

(30) **Foreign Application Priority Data**

May 24, 2017 (JP) 2017-011074

(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/108**

(58) **Field of Classification Search**
USPC D13/107–110, 118–119, 184, 199;
D14/251, 253, 432, 434
CPC Y02E 60/12; Y02T 90/14; Y02T 90/122;
Y02T 90/128; Y02T 90/163; H02J 7/025;
H02J 7/0042; H02J 7/0044; H02J 7/0045;
H02J 7/0003; H01F 38/14; H01R
13/6675; H01M 2/1022; H01M 2/1055;
H01M 10/44; H01M 10/46; H01M
10/425; B60L 11/182

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,659,180 A * 4/1972 Urbush H01M 2/1055
320/115
D442,141 S * 5/2001 Ikenaga D13/107

D559,485 S * 1/2008 Fjellman D13/108
D566,352 S * 4/2008 Ågren D13/108
D588,059 S * 3/2009 Fujita D13/108
D592,593 S 5/2009 Crawley
D639,237 S * 6/2011 Lee D13/108
D639,735 S * 6/2011 Lee D13/108
D657,740 S * 4/2012 Prat-Pfister D13/108
D674,336 S * 1/2013 Suzuka D13/108
D691,553 S * 10/2013 Deoksang D13/108
D724,025 S * 3/2015 Peek D13/108
D730,281 S * 5/2015 Zhang D13/107
D772,812 S * 11/2016 Choe D13/108
D788,035 S * 5/2017 Bang D13/108
D789,295 S * 6/2017 Nuk D13/108

(Continued)

FOREIGN PATENT DOCUMENTS

JP D1113543 7/2001
JP D1124644 10/2001

(Continued)

Primary Examiner — Rosemary K Tarcza

(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

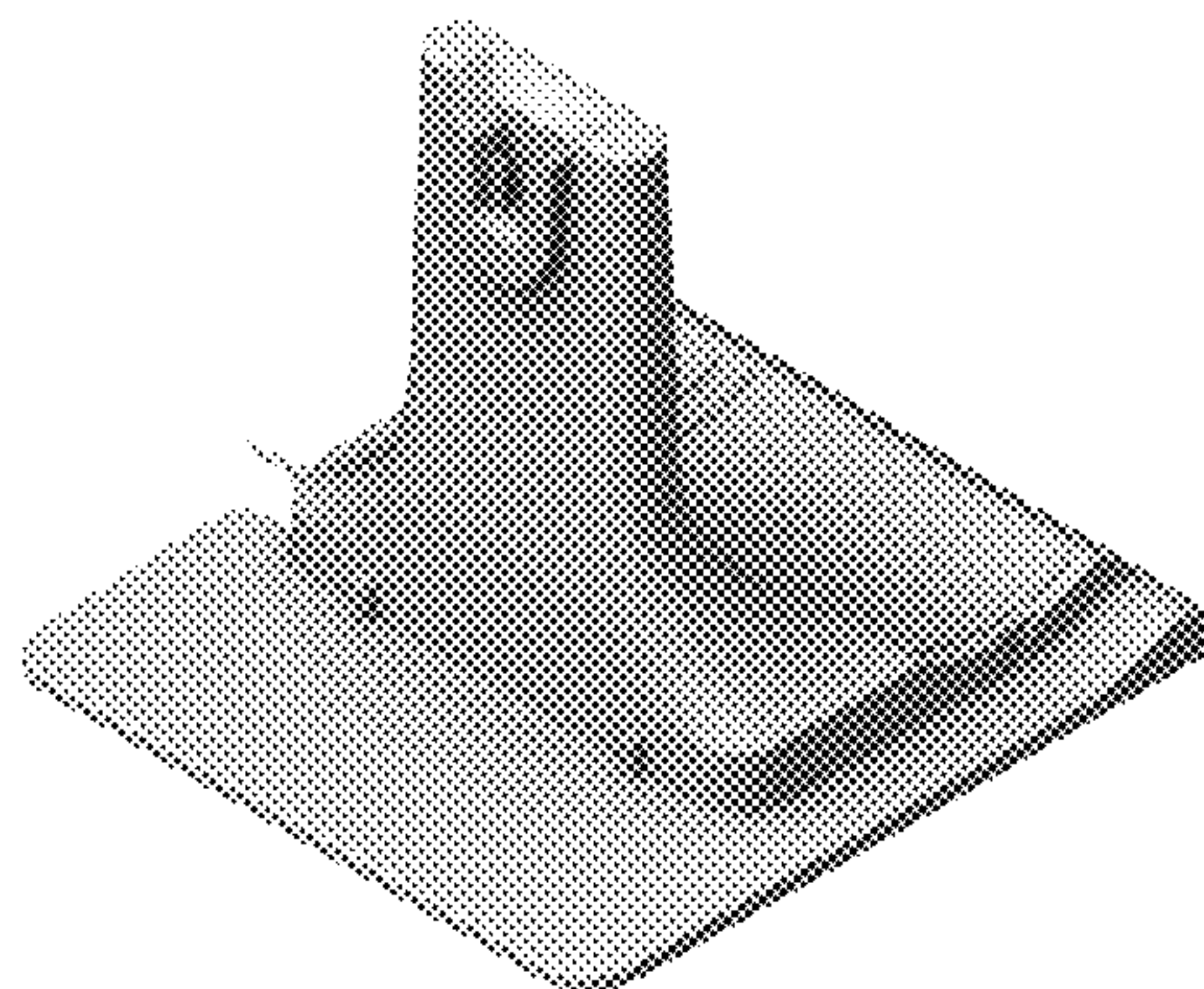
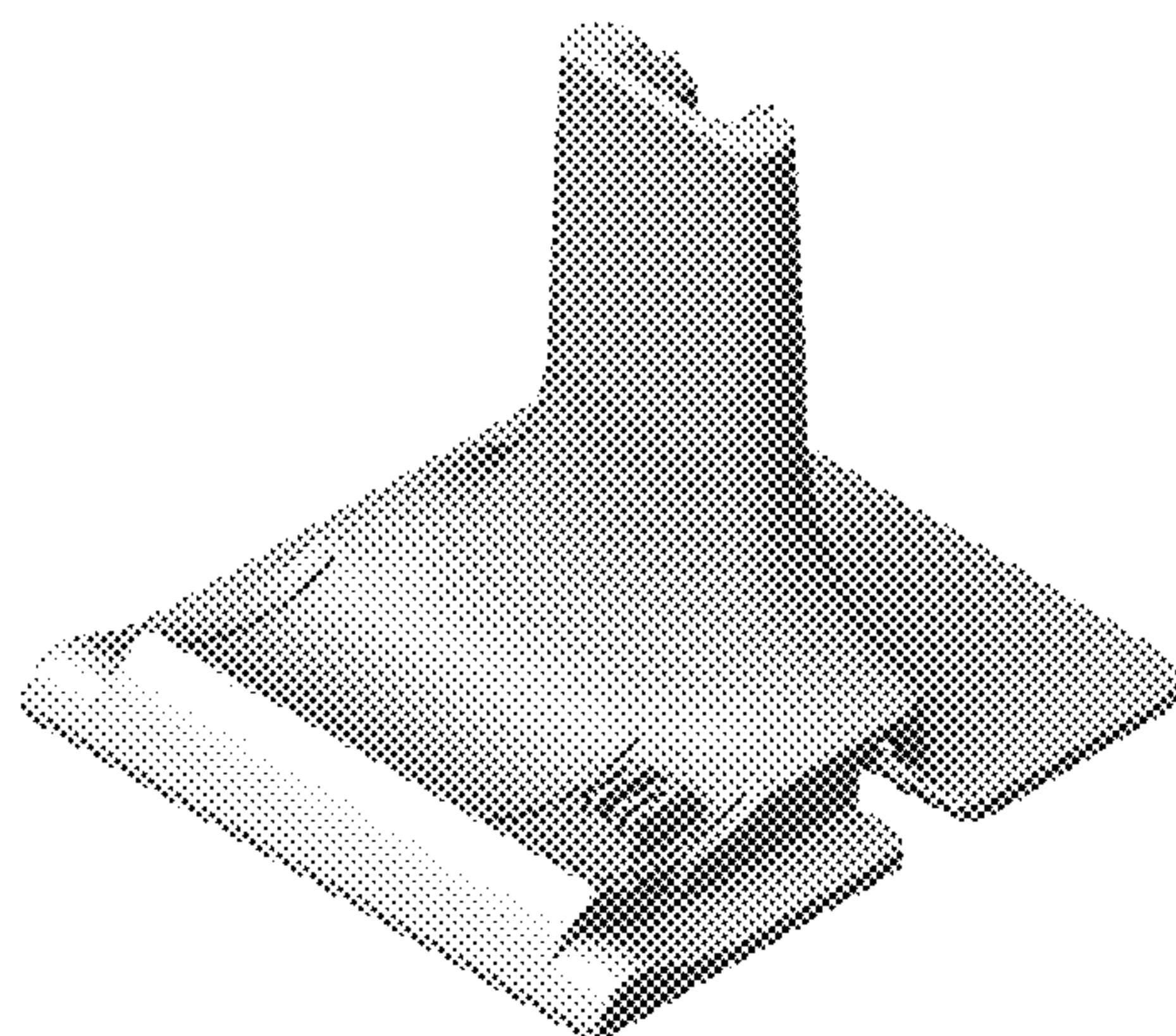
(57) **CLAIM**

The ornamental design for a charging stand for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a charging stand for a vacuum cleaner showing my new design, FIG. 2 is a rear perspective view thereof, FIG. 3 is a front elevational view thereof, FIG. 4 is a rear elevational view thereof, FIG. 5 is a right side elevational view thereof, FIG. 6 is a left side elevational view thereof, FIG. 7 is a top plan view thereof; and, FIG. 8 is a bottom plan view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D810,014 S	*	2/2018	Haranaka	D13/108
D815,594 S	*	4/2018	Chen	D13/108
D817,872 S	*	5/2018	Oguchi	D13/107
D817,874 S	*	5/2018	Tsai	D13/108

FOREIGN PATENT DOCUMENTS

JP	D1159082	11/2002
JP	D1531682	8/2015
JP	D1552698	6/2016
JP	D1552699	6/2016

* cited by examiner

FIG.1

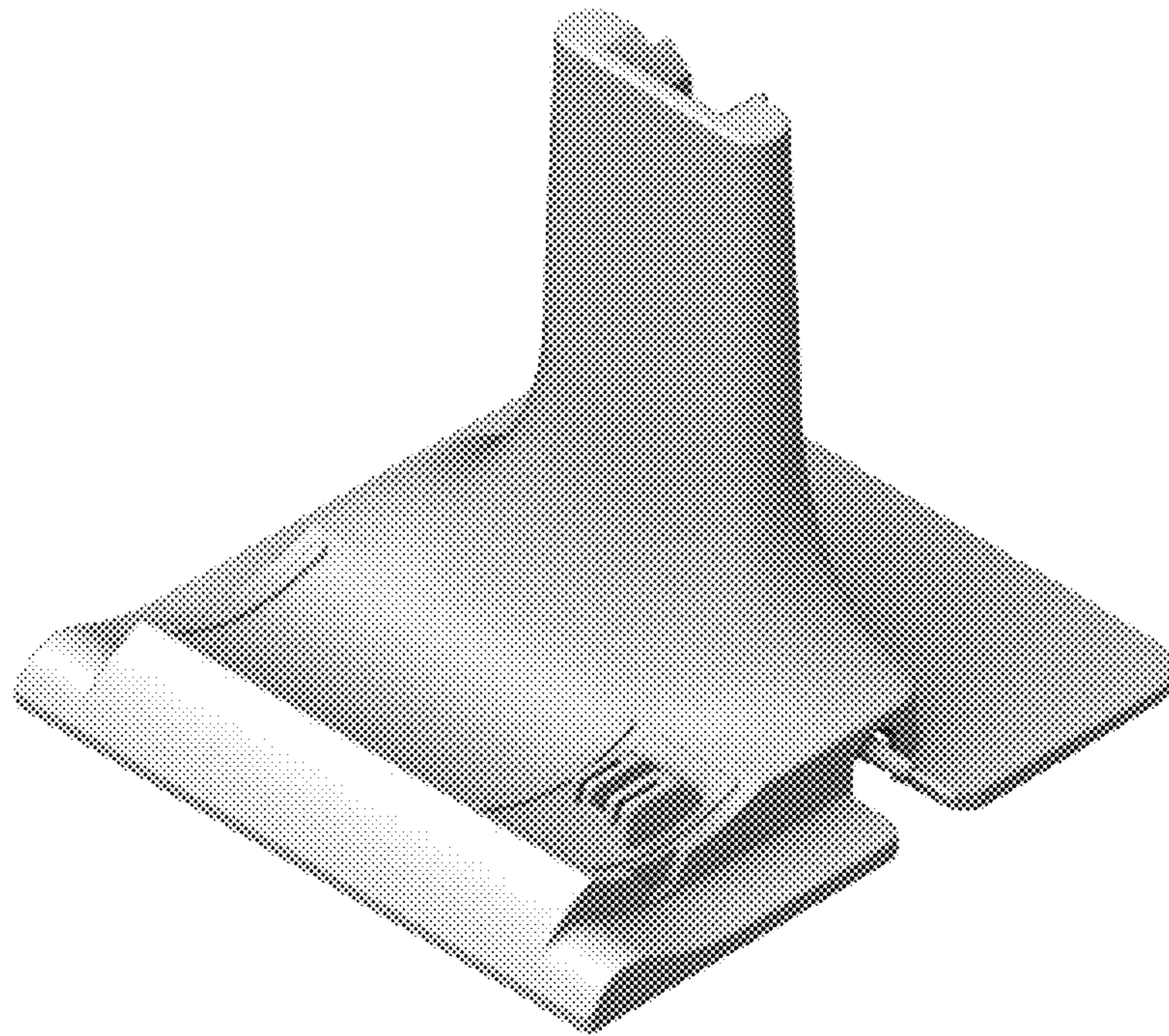


FIG.2

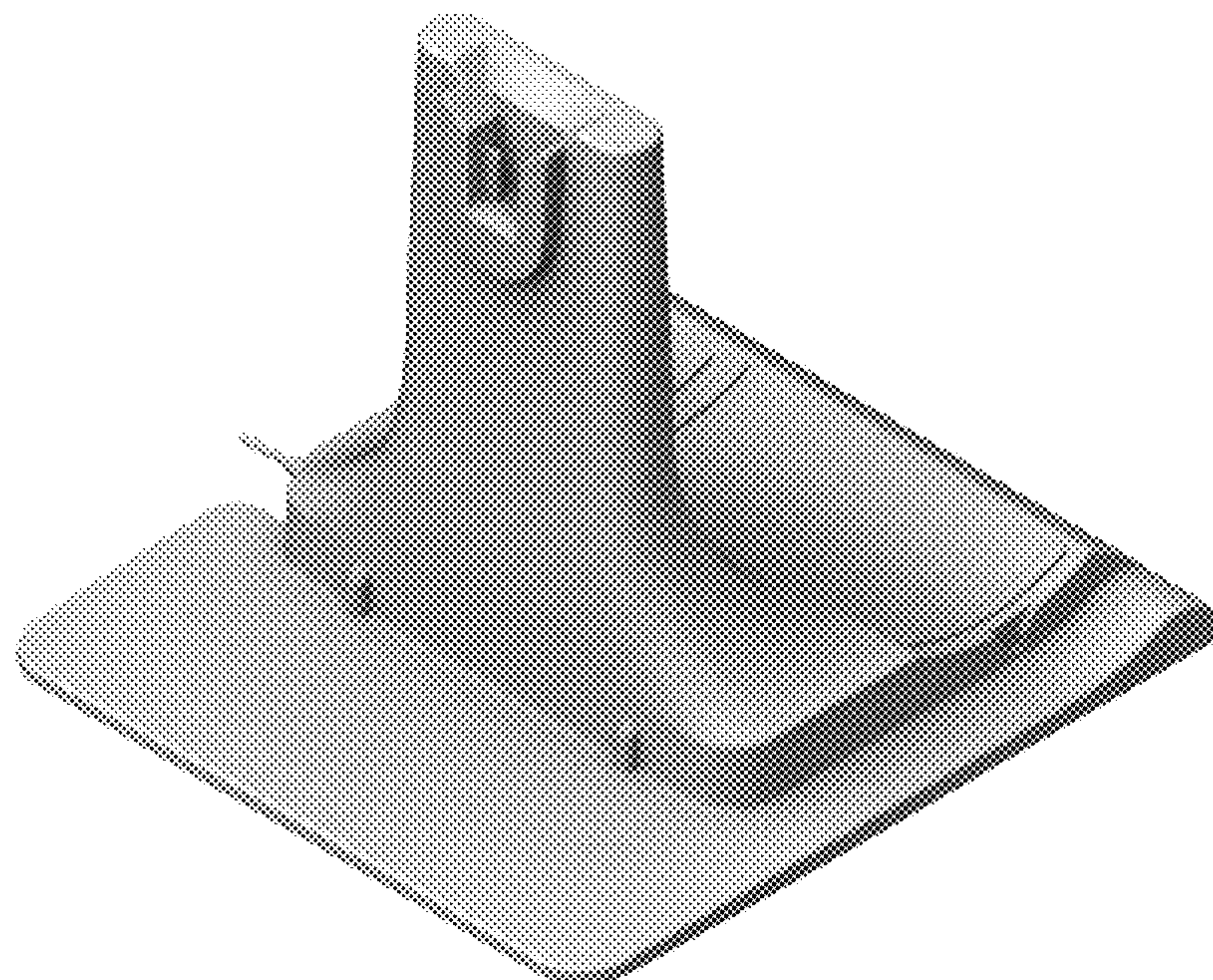


FIG.3

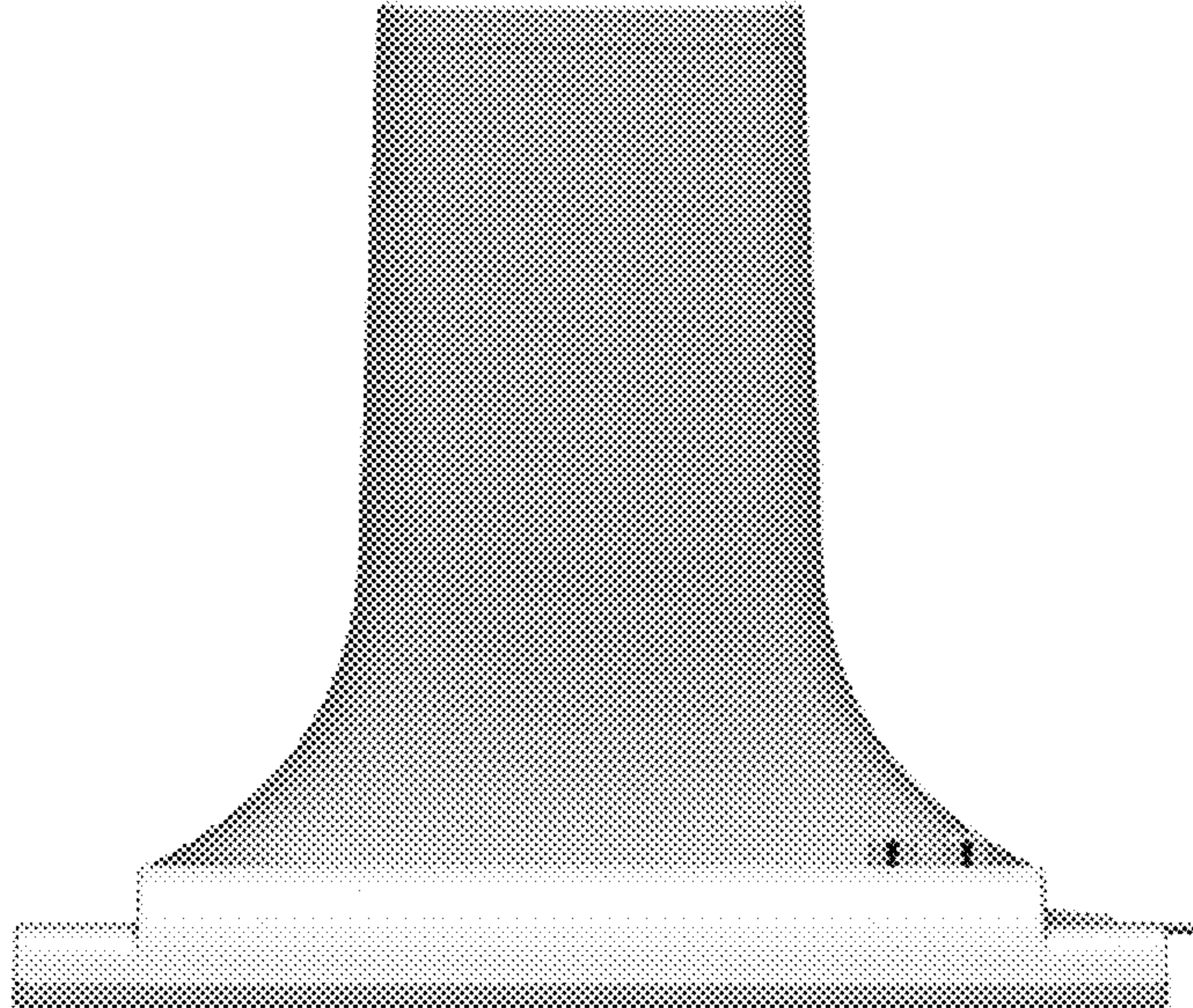


FIG.4

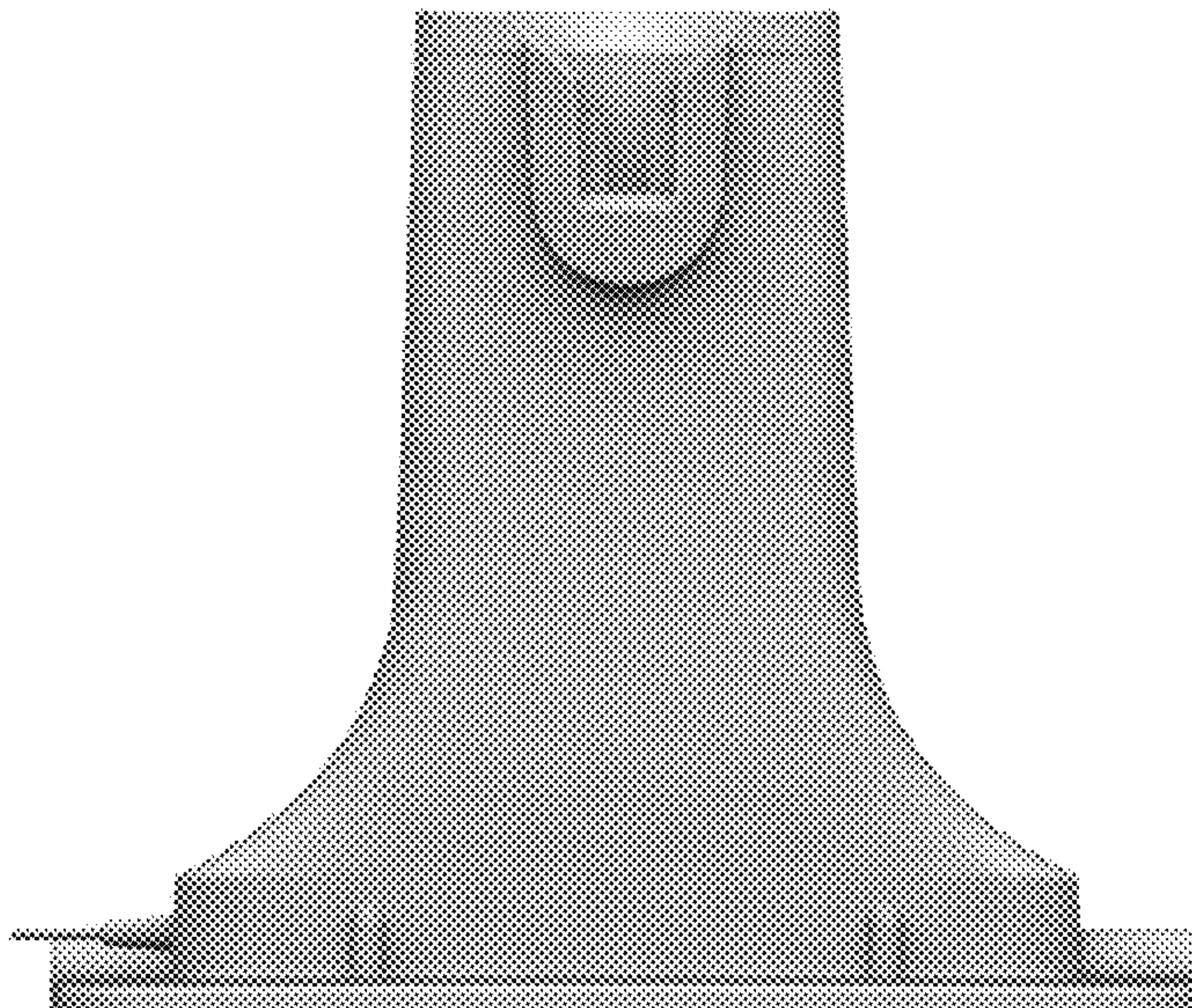


FIG.5

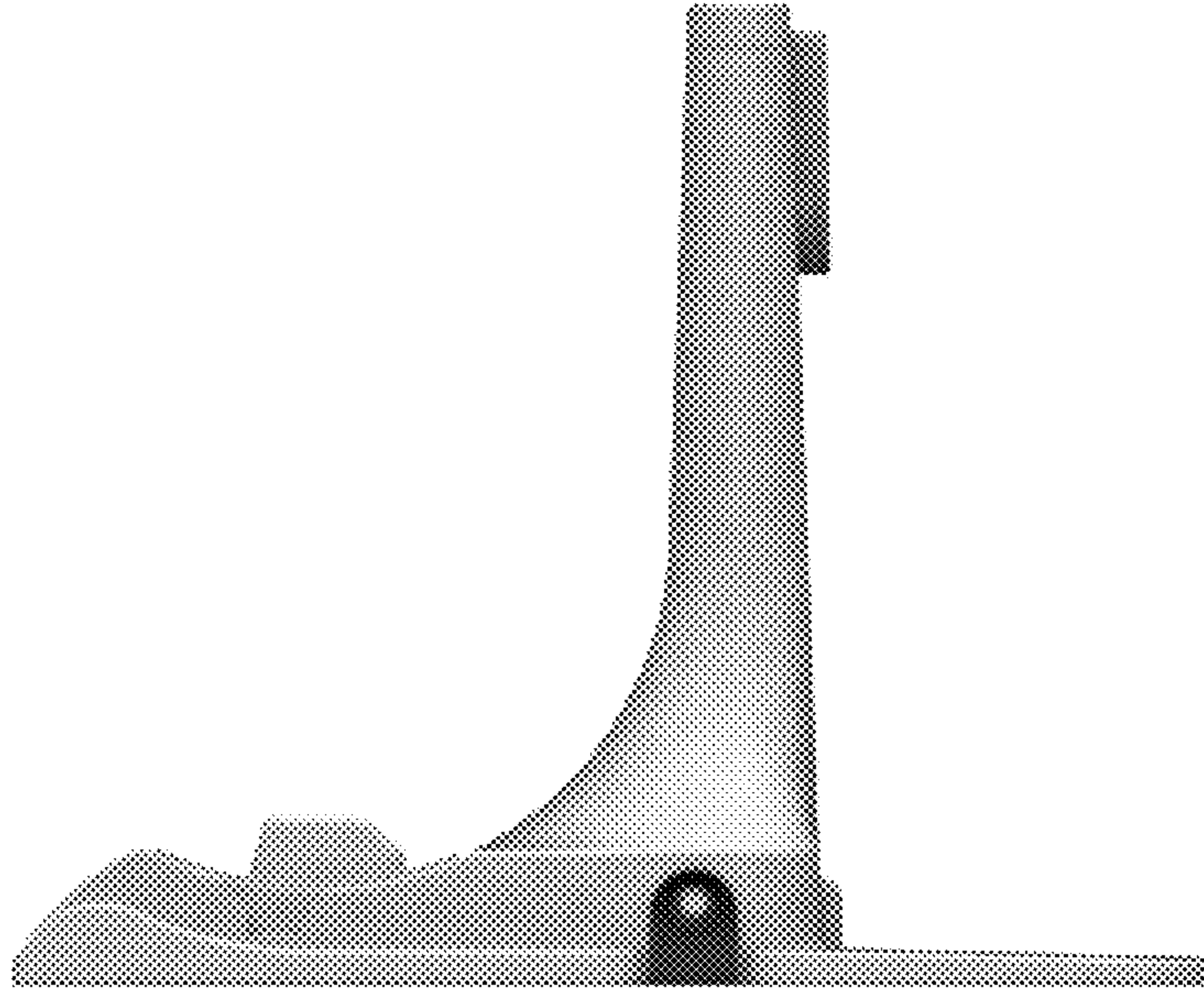


FIG.6

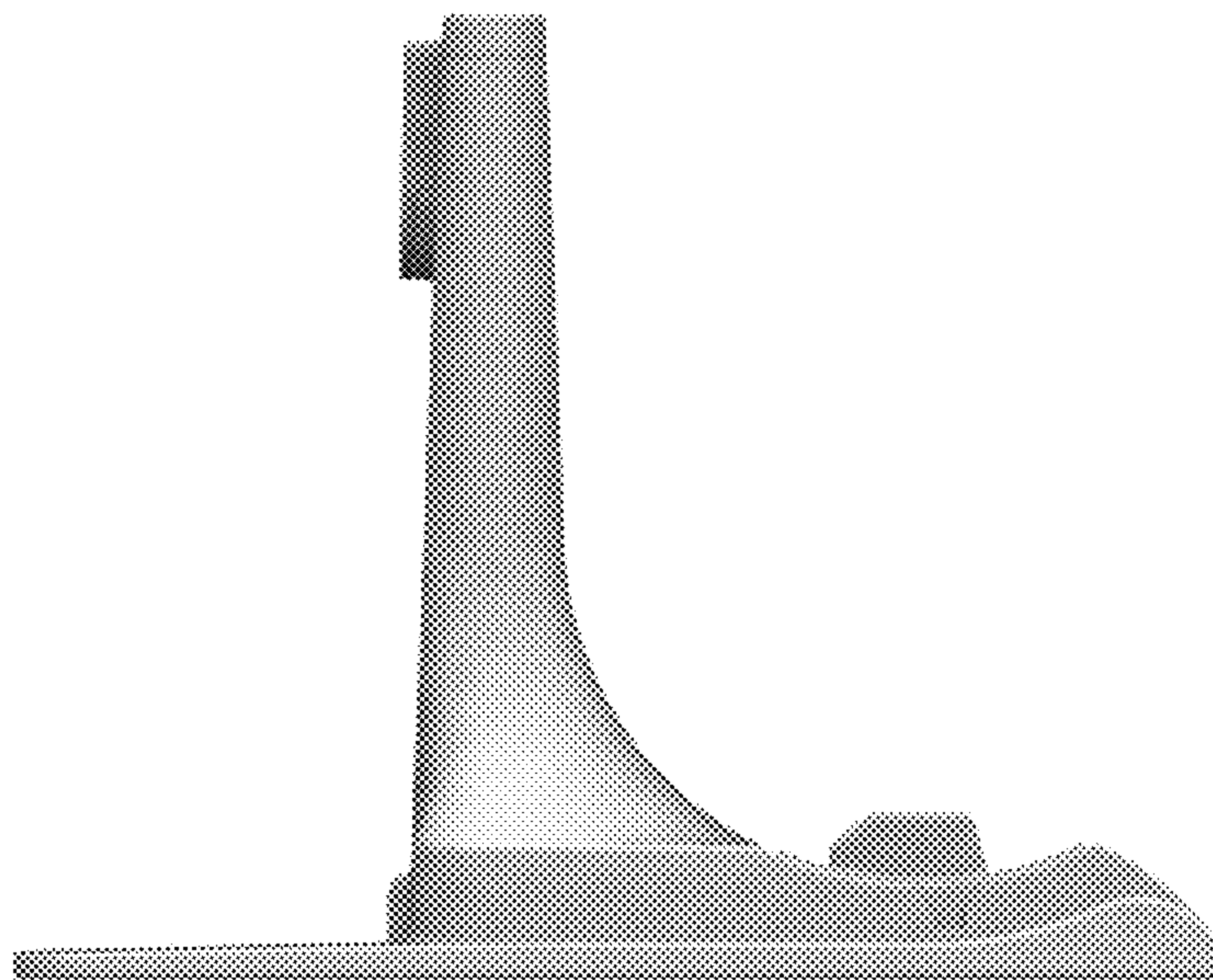


FIG.7

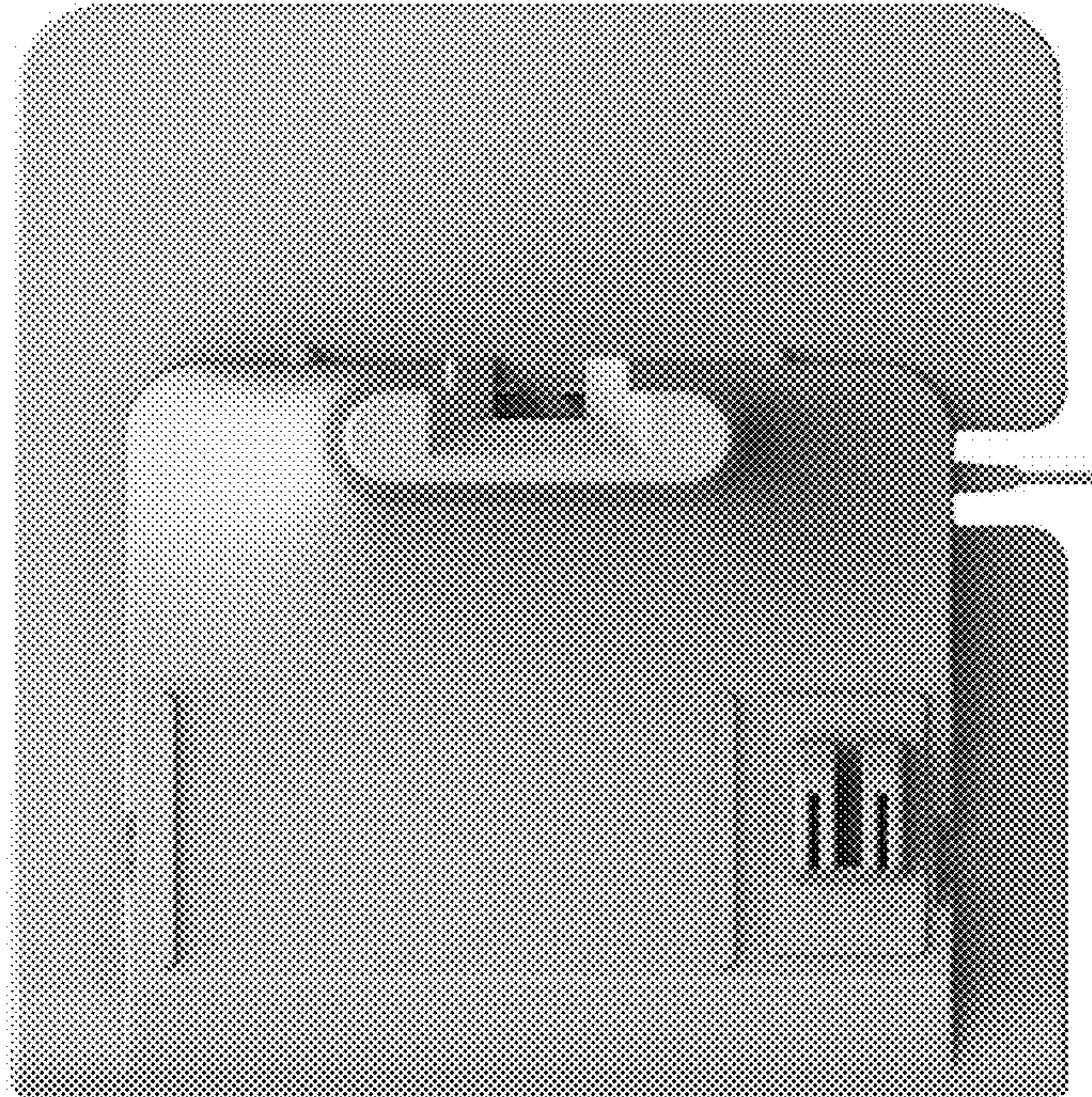


FIG.8

