

US00D969310S

(12) **United States Design Patent** (10) **Patent No.:** **US D969,310 S**
Sawai et al. (45) **Date of Patent:** **** Nov. 8, 2022**

(54) **DISPOSABLE DIAPER**

(71) Applicant: **DAIO PAPER CORPORATION**, Ehime (JP)

(72) Inventors: **Asako Sawai**, Ehime (JP); **Airi Yarimizu**, Tokyo (JP); **Michiko Kimura**, Tokyo (JP)

(73) Assignee: **DAIO PAPER CORPORATION**, Ehime (JP)

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

(21) Appl. No.: **29/710,553**

(22) Filed: **Oct. 24, 2019**

(30) **Foreign Application Priority Data**

Apr. 25, 2019 (JP) 2019-009246

(51) **LOC (13) Cl.** **02-01**

(52) **U.S. Cl.**
USPC **D24/126**

(58) **Field of Classification Search**
USPC D24/124–126; D5/32, 34, 36–43, 56–58, D5/60–62, 25, 47; D29/101.5, 119; D2/700, 701
CPC A61F 13/15; A61F 13/45; A61F 13/47; A61F 13/4704; A61F 13/47218; A61F 13/47236; A61F 13/47272; A61F 13/475; A61F 13/4751; A61F 13/4752; A61F 13/4755; A61F 13/4756; A61F 13/4757; A61F 13/4758; A61F 13/476; A61F 13/49; A61F 13/49001; A61F 13/49007; A61F 13/49009; A61F 13/49011; A61F 13/49012; A61F 13/49014; A61F 13/49015; A61F 13/56; A61F 13/5605; A61F 13/5611; A61F 13/5616; A61F 13/535; A61F 13/539; A61F 2013/16; A61F 2013/4587; A61F

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D491,659 S * 6/2004 Otsubo D24/126
D492,409 S * 6/2004 Otsubo D24/126
(Continued)

FOREIGN PATENT DOCUMENTS

TR 201603504-0001 * 5/2016

OTHER PUBLICATIONS

“Protection of Daio Paper’s industrial designs through the Hague System.” Case Study. Wipo. Retrieval date: Jun. 16, 2022. Retrieved from internet: <https://www.wipo.int/ipadvantage/en/details.jsp?id=12428> (Year: 2022).*

(Continued)

Primary Examiner — Mary Shannon Malley
Assistant Examiner — Lee D. Starr

(74) *Attorney, Agent, or Firm* — IPUSA, PLLC

(57) **CLAIM**

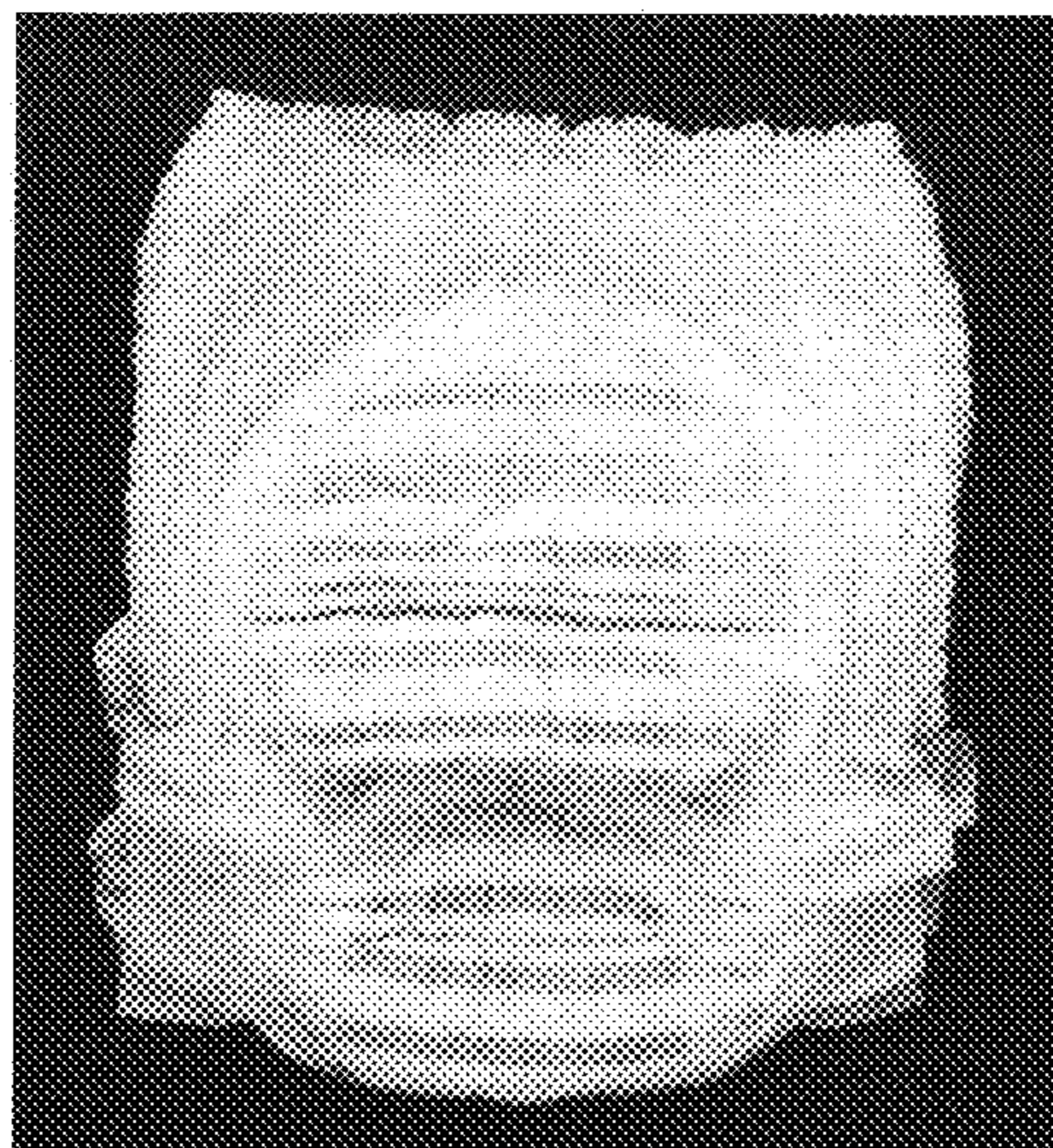
The ornamental design for a disposable diaper, as shown and described.

DESCRIPTION

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

FIG. 1 is a front view of a disposable diaper, showing our new design;
FIG. 2 is a rear view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a right side view thereof; and,
FIG. 6 is a left side view thereof.

1 Claim, 5 Drawing Sheets
(5 of 5 Drawing Sheet(s) Filed in Color)



(58) **Field of Classification Search**

CPC 2013/4706; A61F 2013/4708; A61F
2013/49084; A61F 2013/49088; A61F
2013/49098

See application file for complete search history.

2007/0106240 A1* 5/2007 Nakajima A61F 13/495
604/385.19
2009/0088718 A1* 4/2009 Toyoshima A61F 13/49014
604/385.28
2019/0374406 A1* 12/2019 Morimoto D04H 1/5412
2020/0289340 A1* 9/2020 Arita A61F 13/4752

(56)

References Cited

U.S. PATENT DOCUMENTS

D492,410 S * 6/2004 Otsubo D24/126
D504,510 S * 4/2005 Otsubo D24/126
D520,135 S * 5/2006 Otsubo D24/126
D522,653 S * 6/2006 Otsubo D24/126
D573,254 S * 7/2008 Kawakami D24/126
D574,489 S * 8/2008 Kawakami D24/126
D577,119 S * 9/2008 Kawakami D24/126
9,278,032 B2 * 3/2016 Morimoto A61F 13/49011
2004/0133181 A1* 7/2004 Ishiguro A61F 13/4946
604/385.28

OTHER PUBLICATIONS

Clean Conscious Diaper, Classic Stripes, Size 3. Honest. Oldest review date: Jun. 2021. Retrieval date: Jun. 16, 2022. Retrieved from internet: <https://www.honest.com/baby-products/diapers-lp/diaper-prints/clean-conscious-diaper-classic-stripes-size-3/H01DPR00CLS3S.html> (Year: 2021).*

ID Comfy Junior Pants (8-15 years). Amazon UK. Oldest review date: Aug. 7, 2019. Retrieval date: Jun. 16, 2022. Retrieved from internet: <https://www.amazon.co.uk/Comfy-Junior-Pants-8-15-Years/dp/B07FJZFNKZ> (Year: 2019).*

* cited by examiner

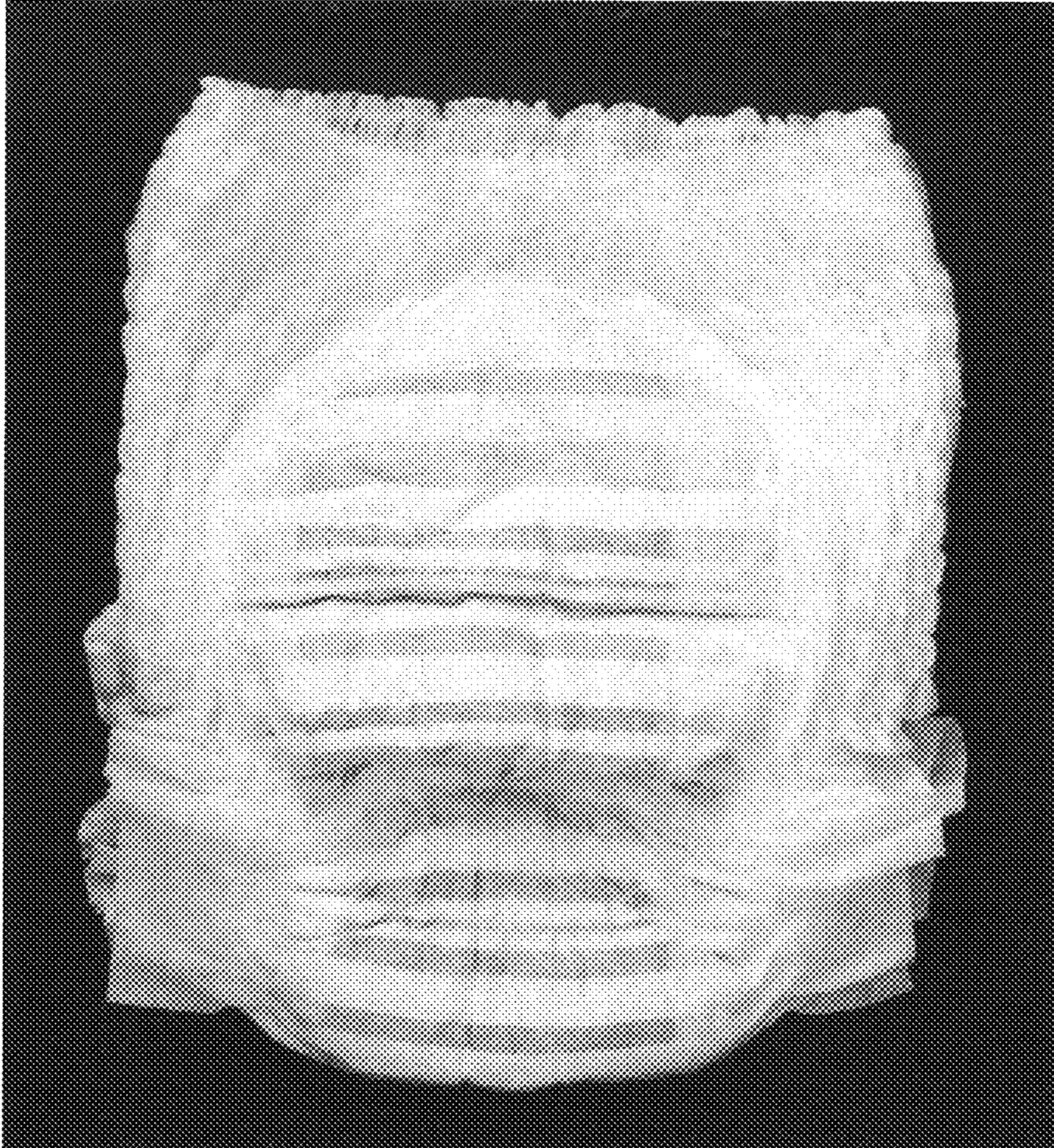


Fig. 1

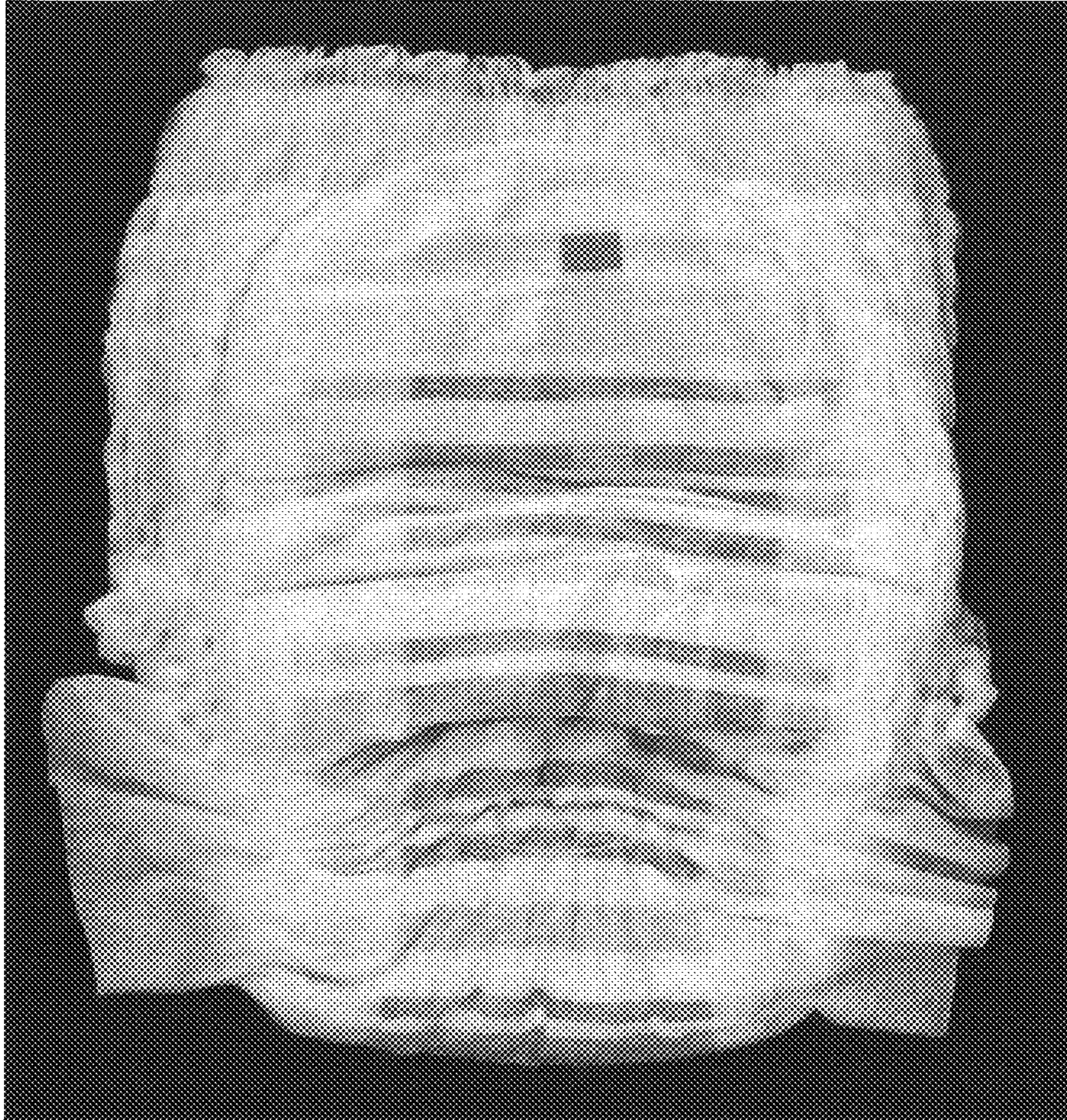


Fig. 2

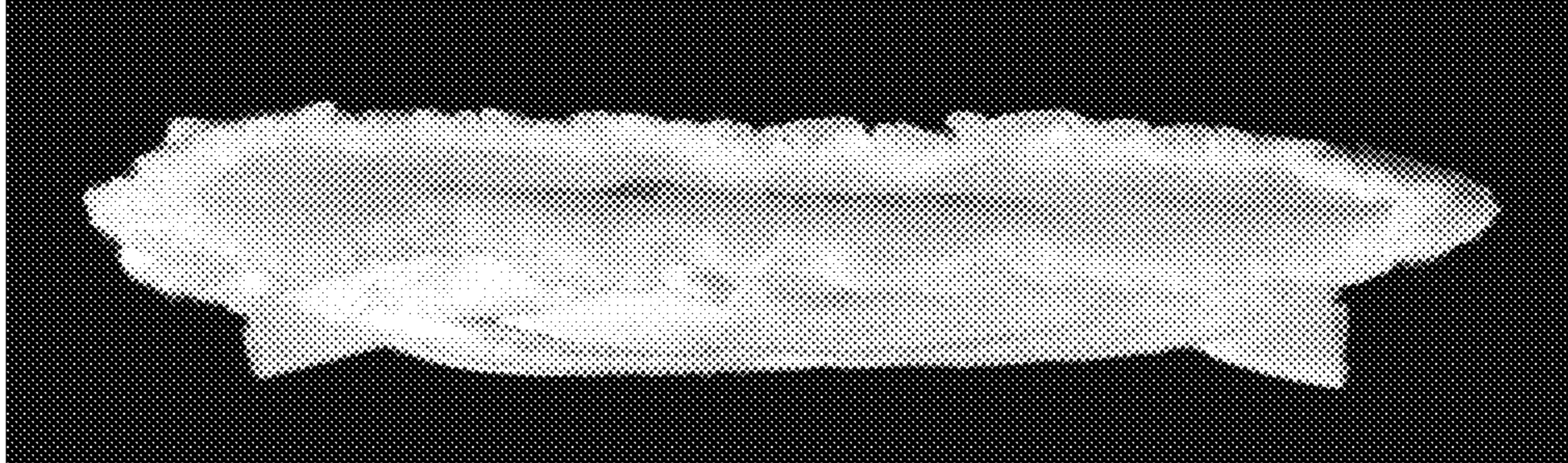


Fig. 3

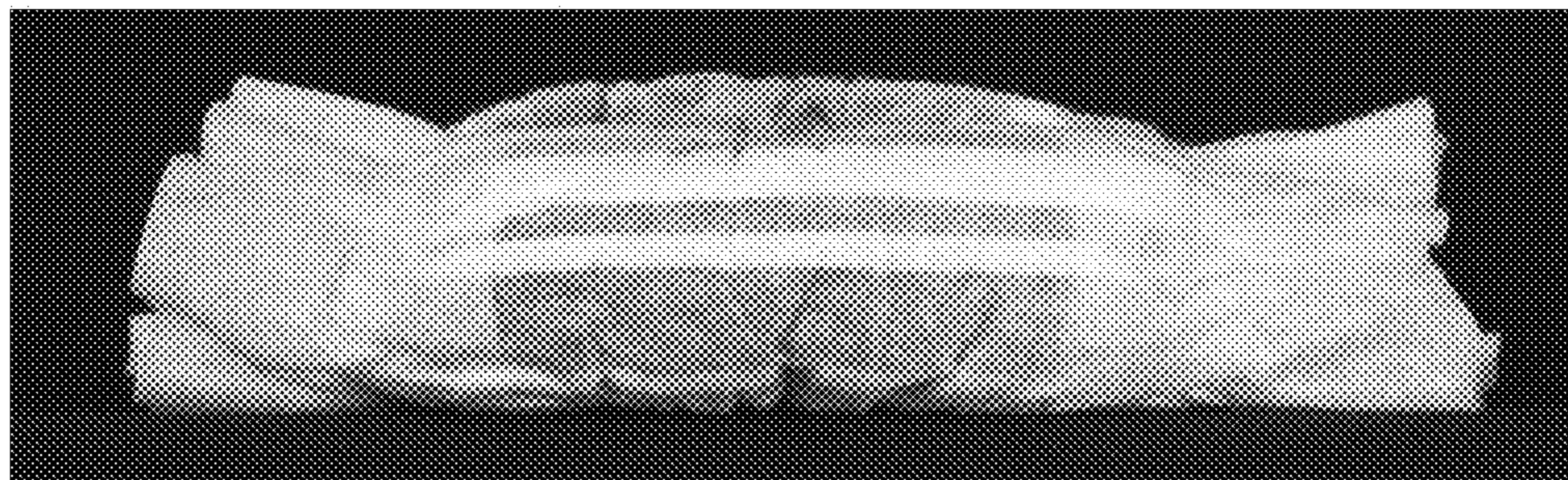


Fig. 4

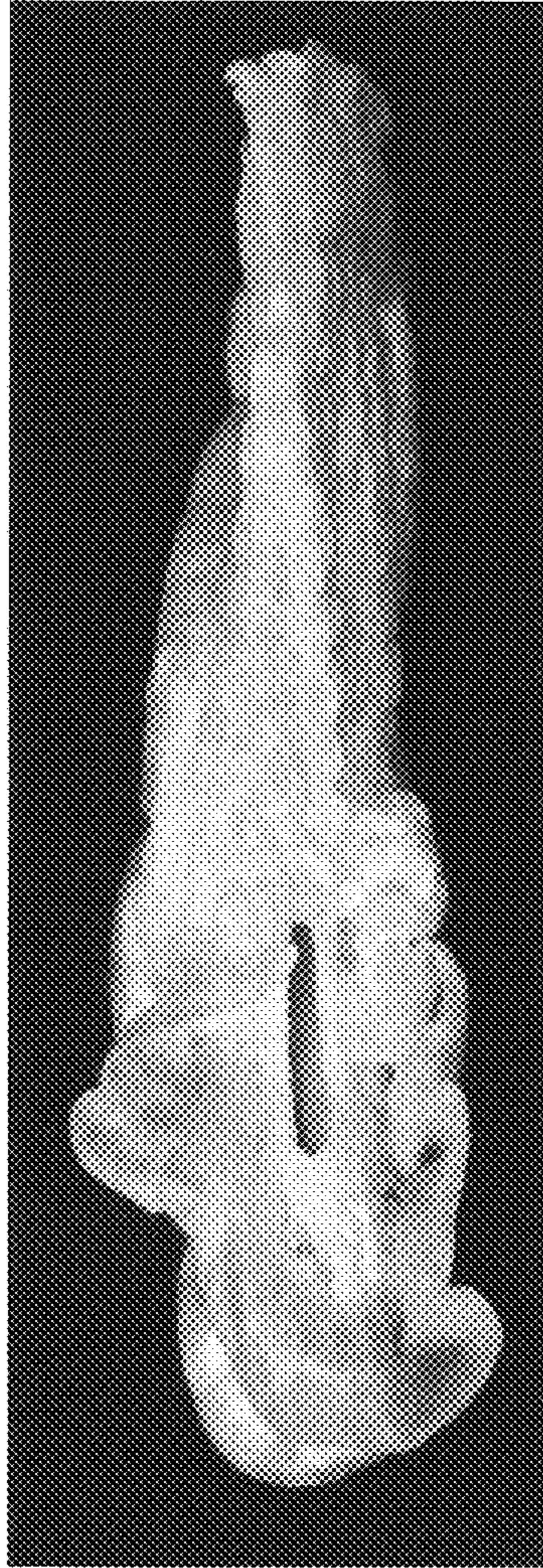


Fig. 5

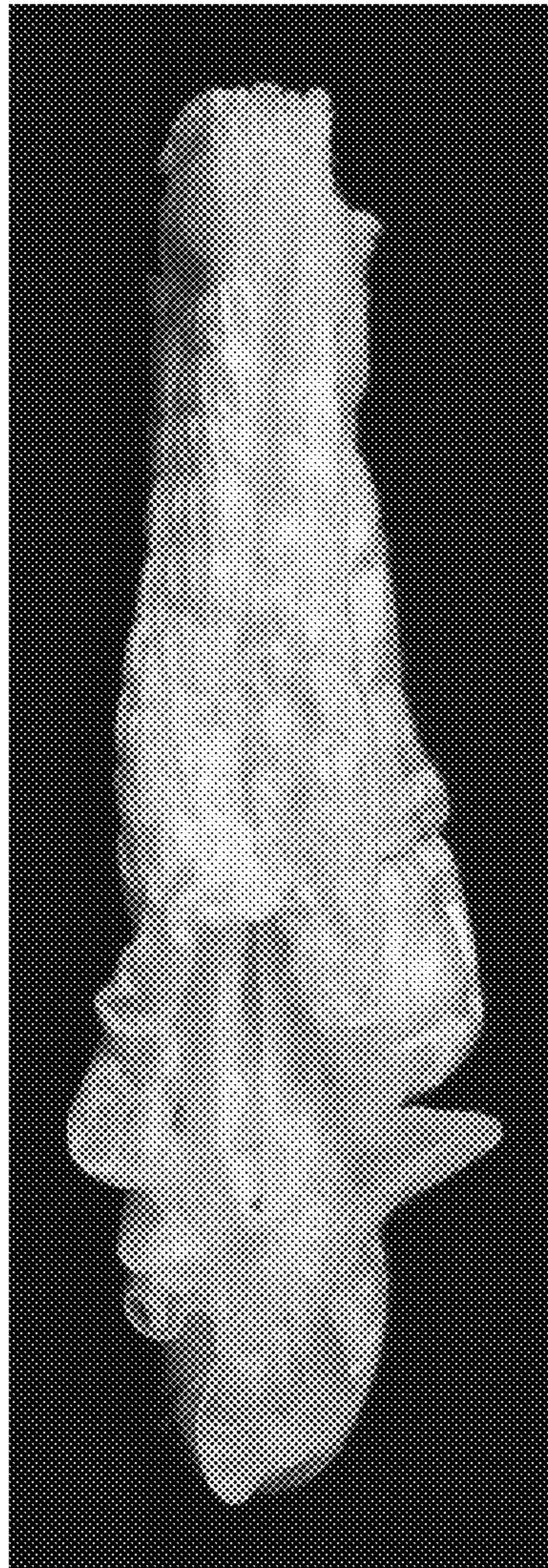


Fig. 6