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(12) **United States Design Patent** (10) **Patent No.:** **US D904,969 S**  
**Oliver et al.** (45) **Date of Patent:** **\*\* Dec. 15, 2020**

(54) **VEHICLE DRAIN CHANNEL**

(56) **References Cited**

(71) Applicant: **Michigan Vehicle Solutions**, Southgate, MI (US)

U.S. PATENT DOCUMENTS

(72) Inventors: **Richard David Oliver**, Grosse Ile, MI (US); **Bruce Richard Burman**, Allen Park, MI (US)

|              |         |           |       |         |
|--------------|---------|-----------|-------|---------|
| D272,356 S * | 1/1984  | Hall      | ..... | D15/4   |
| D447,990 S * | 9/2001  | Yokomaku  | ..... | D12/190 |
| D537,030 S * | 2/2007  | Cote, Sr. | ..... | D12/181 |
| D607,391 S * | 1/2010  | Krauss    | ..... | D12/190 |
| D744,073 S * | 11/2015 | Waggoner  | ..... | D23/267 |

(73) Assignee: **Michigan Vehicle Solutions**, Southgate, MI (US)

\* cited by examiner

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

*Primary Examiner* — Abraham Bahta

(21) Appl. No.: **29/727,108**

(74) *Attorney, Agent, or Firm* — Craig A. Phillips; Dickinson Wright PLLC

(22) Filed: **Mar. 9, 2020**

(57) **CLAIM**

The ornamental design for a vehicle drain channel, as shown and described.

**Related U.S. Application Data**

(62) Division of application No. 29/625,205, filed on Nov. 7, 2017, now Pat. No. Des. 877,687.

(51) **LOC (12) Cl.** ..... **12-16**

(52) **U.S. Cl.**  
USPC ..... **D12/414**

(58) **Field of Classification Search**  
USPC ..... D12/190, 181, 400, 92, 114, 163, 169, D12/317, 415, 414; D23/259-263; 293/102, 115; 280/169, 762, 768; 52/11, 52/16  
CPC ..... F16L 11/00; F16L 11/04; F16L 37/252; F16L 41/007

See application file for complete search history.

**DESCRIPTION**

FIG. 1 is a rear perspective view of the vehicle drain channel for a driver side, the passenger side drain channel being a mirror image thereof;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a left side elevational view thereof;

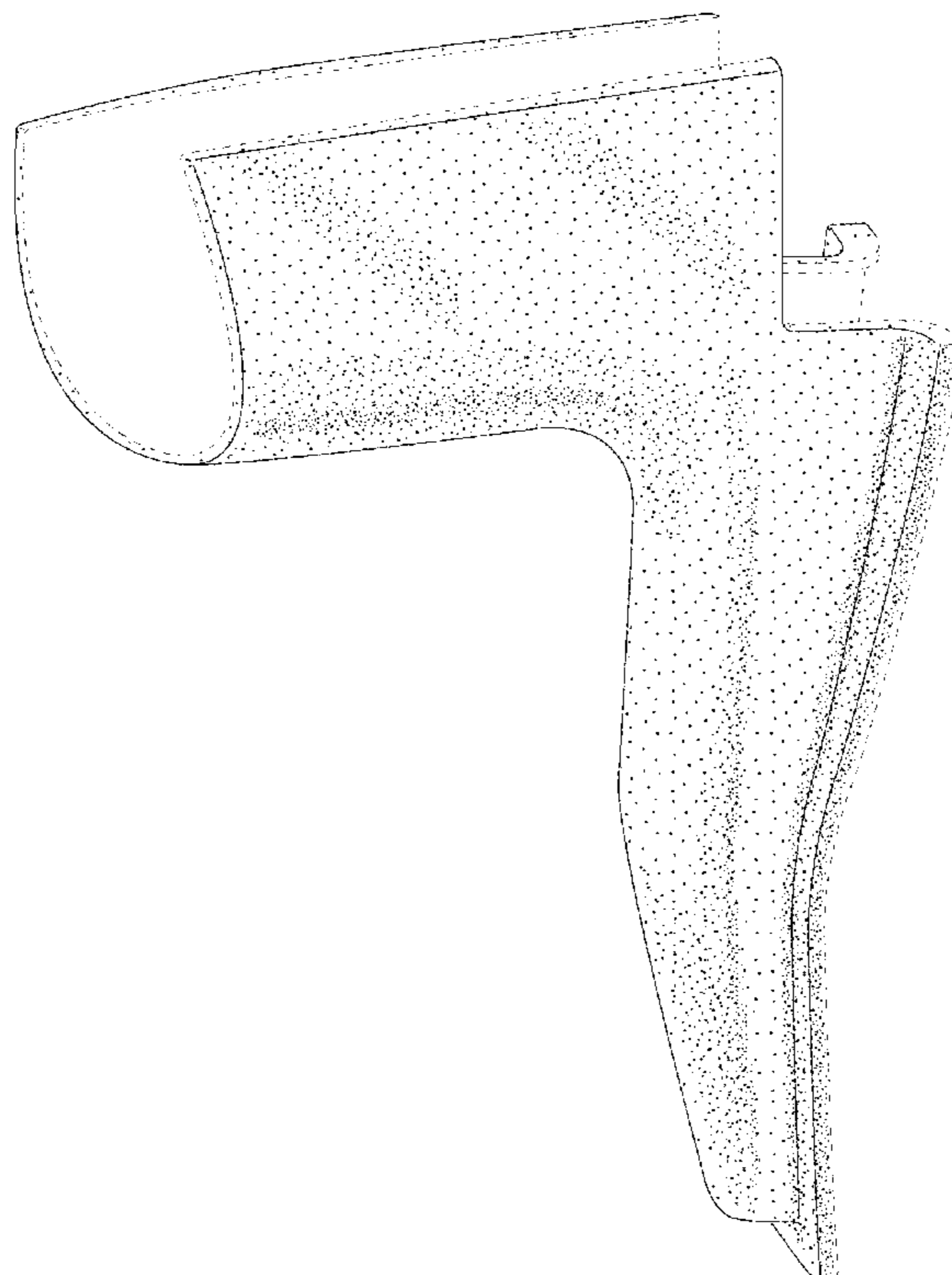
FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken line showing of inner channel of the vehicle drain channel is included for the purpose of illustrating environmental structure and forms no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



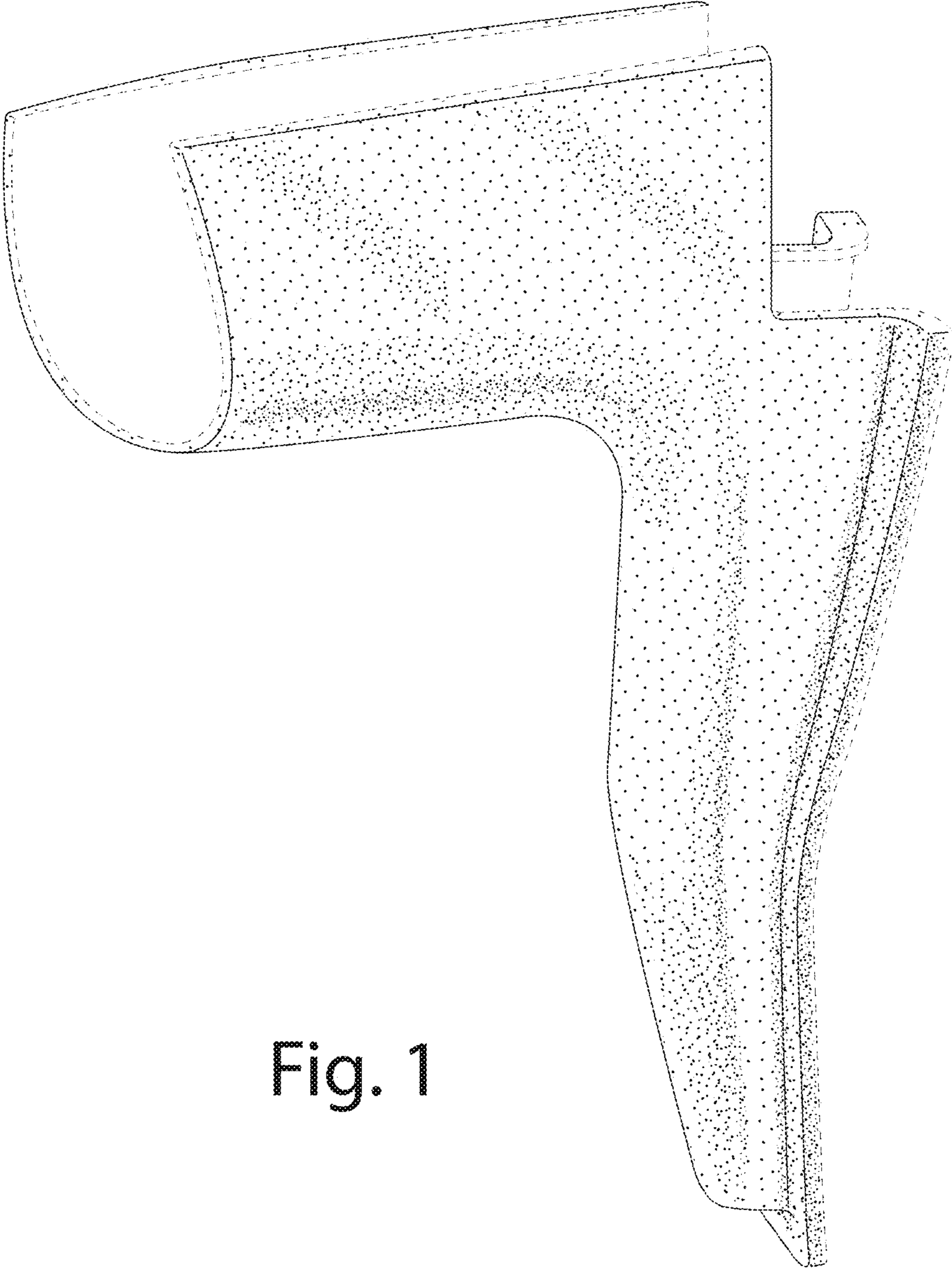


Fig. 1

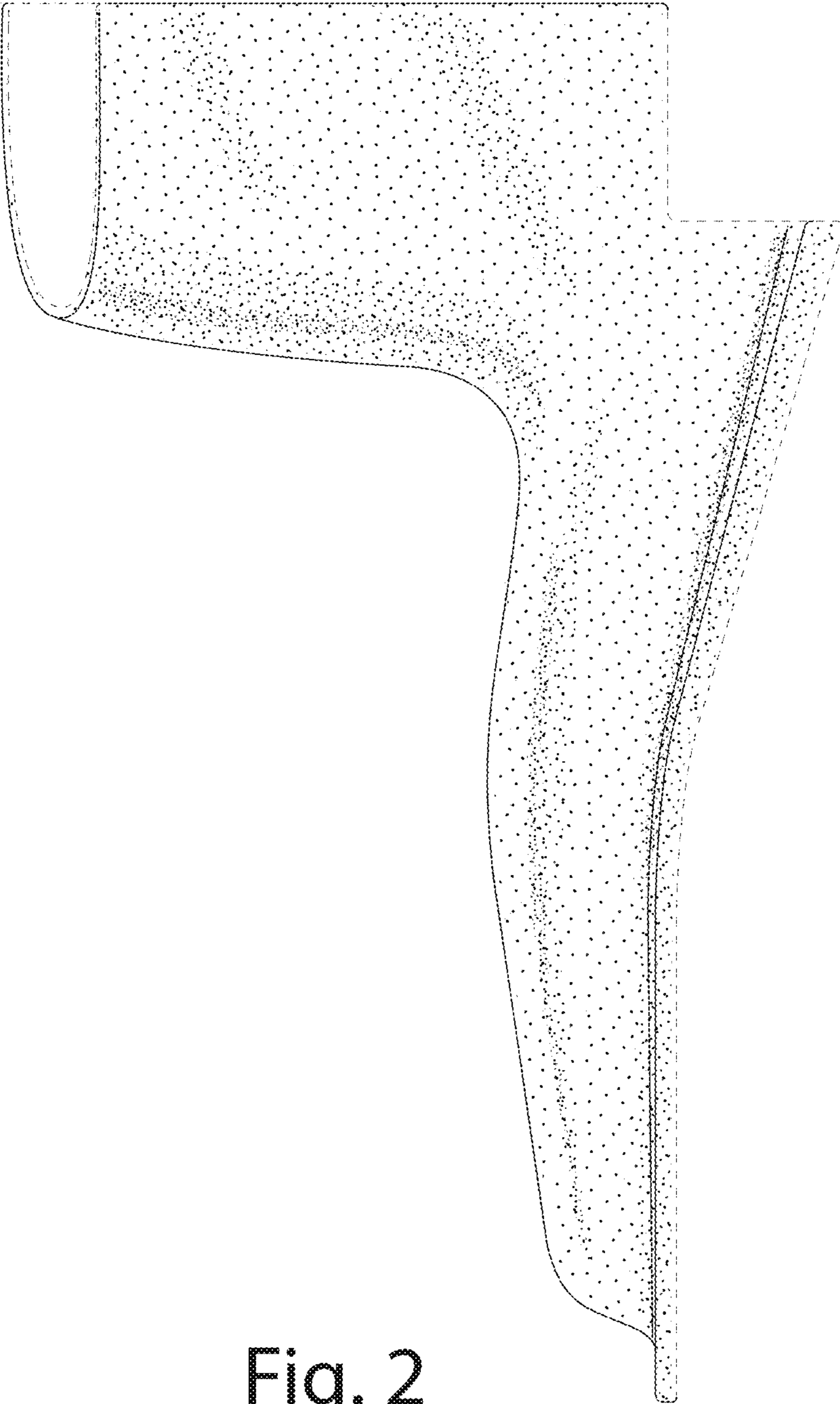


Fig. 2

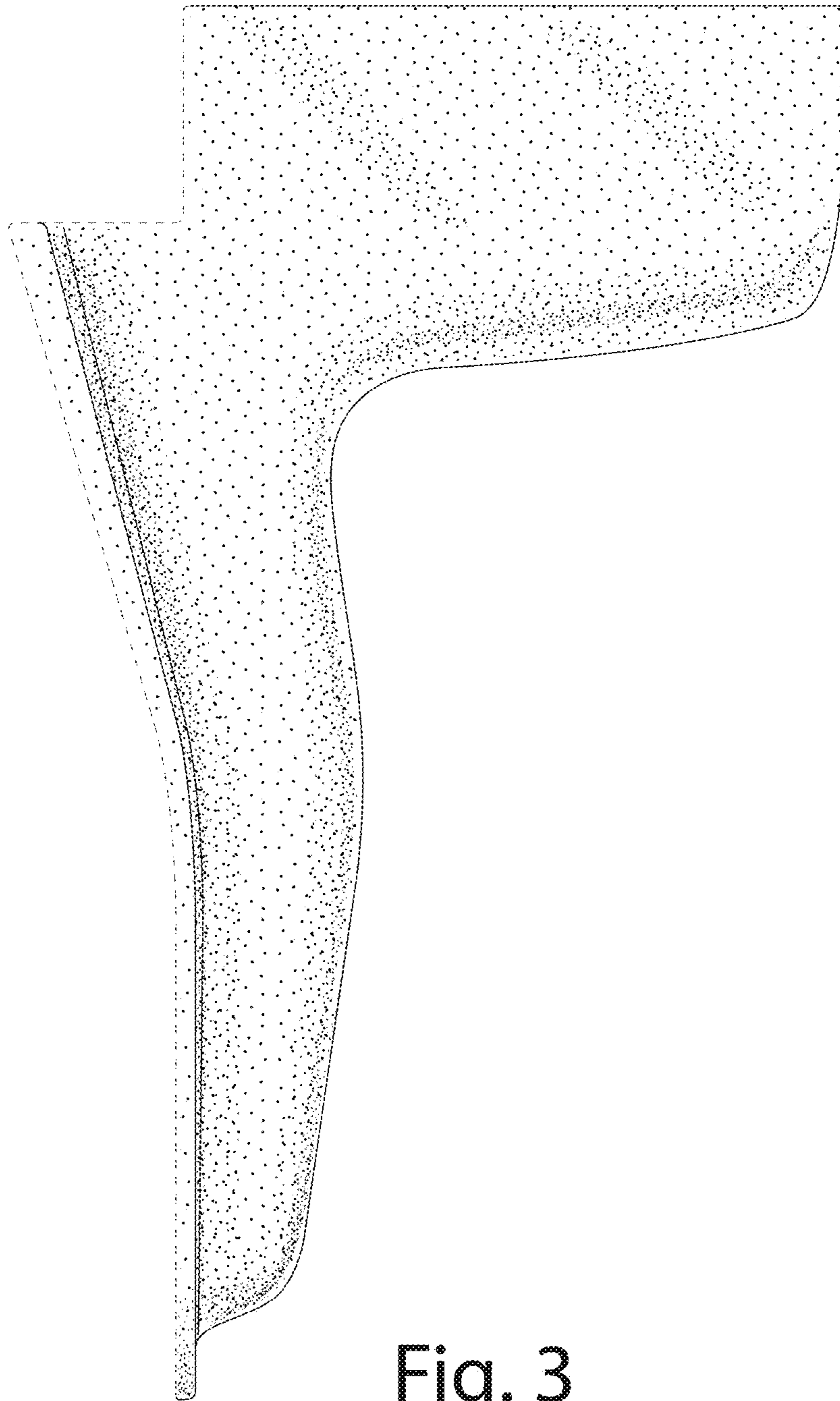


Fig. 3

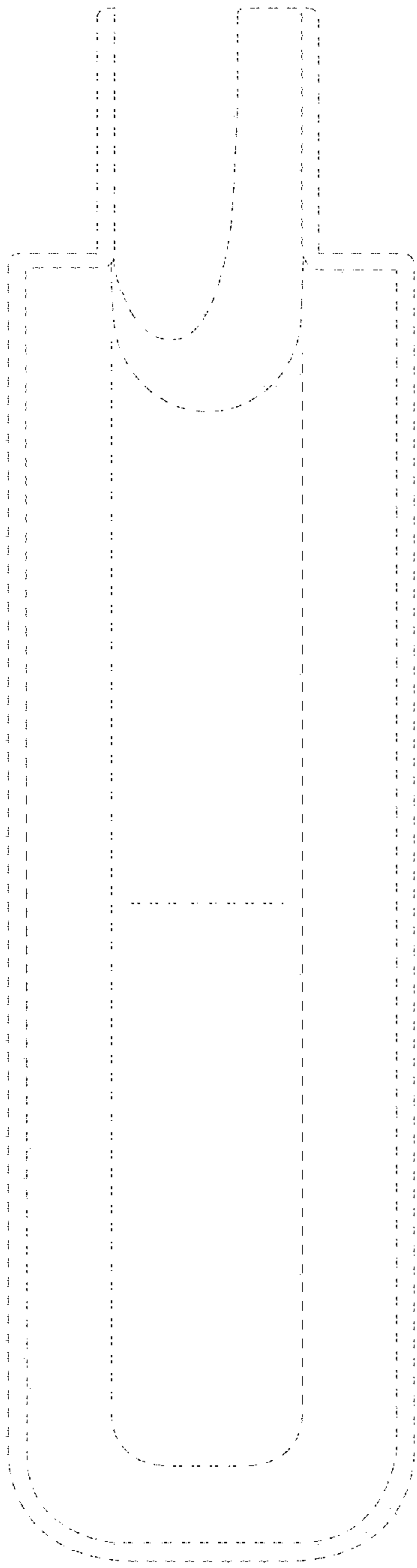


Fig. 4

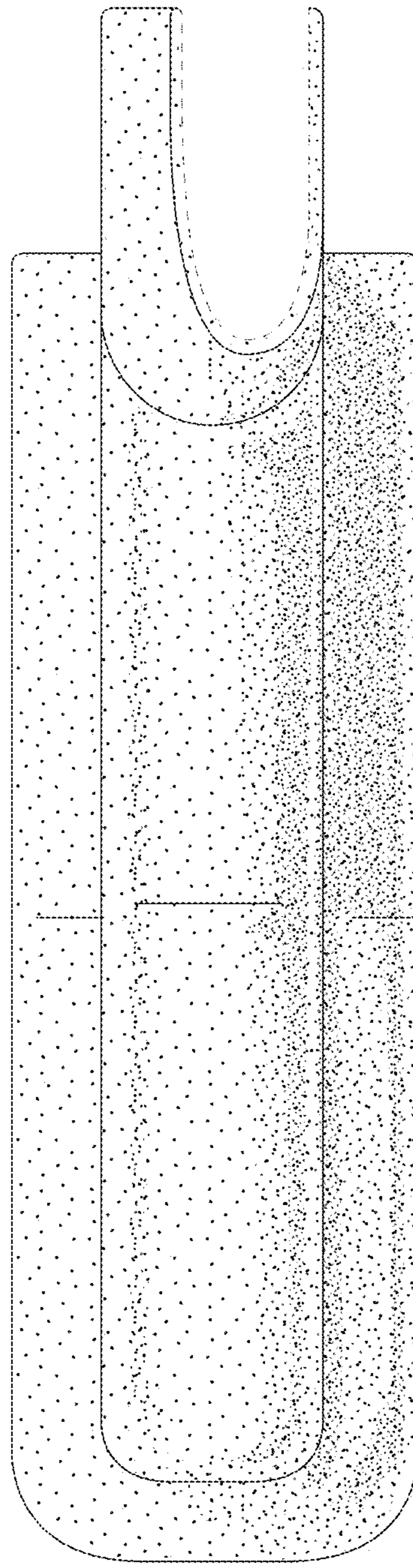


Fig. 5

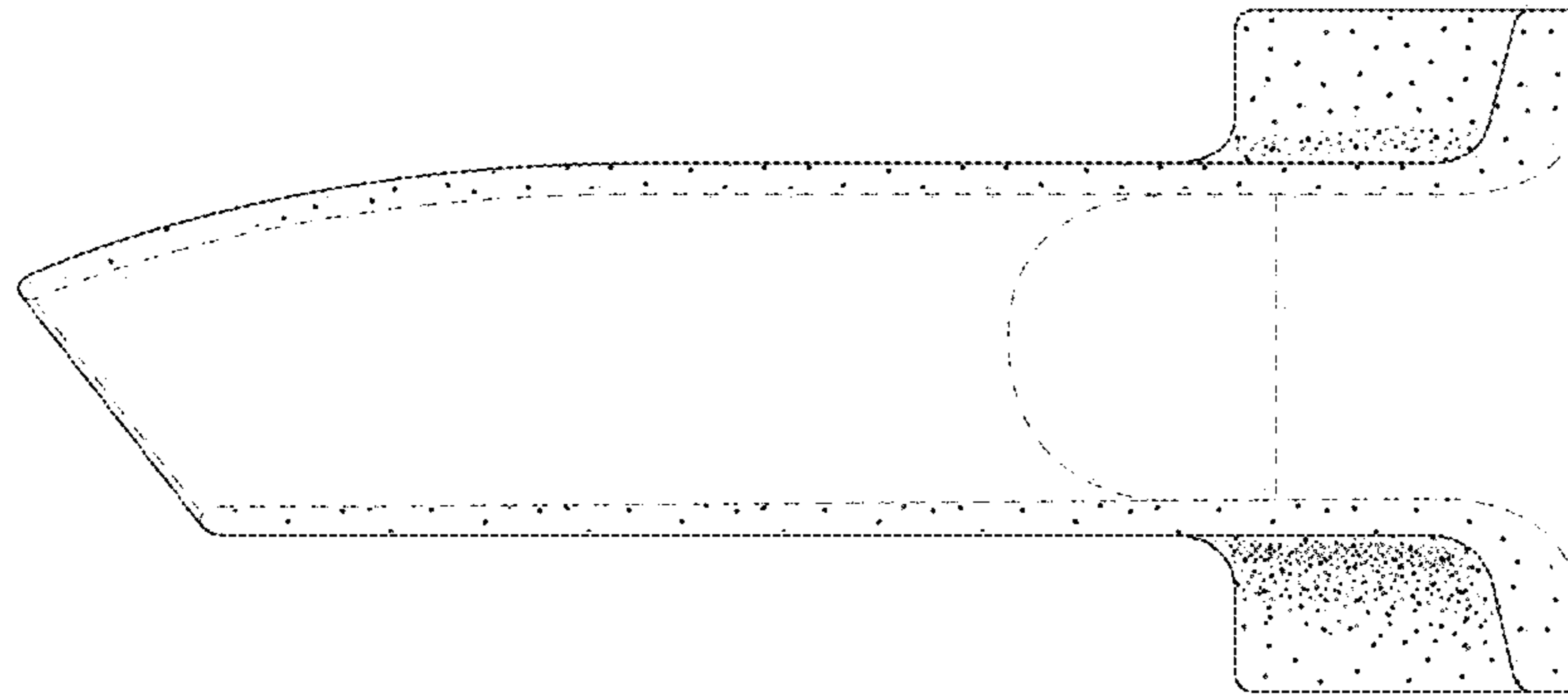


Fig. 6

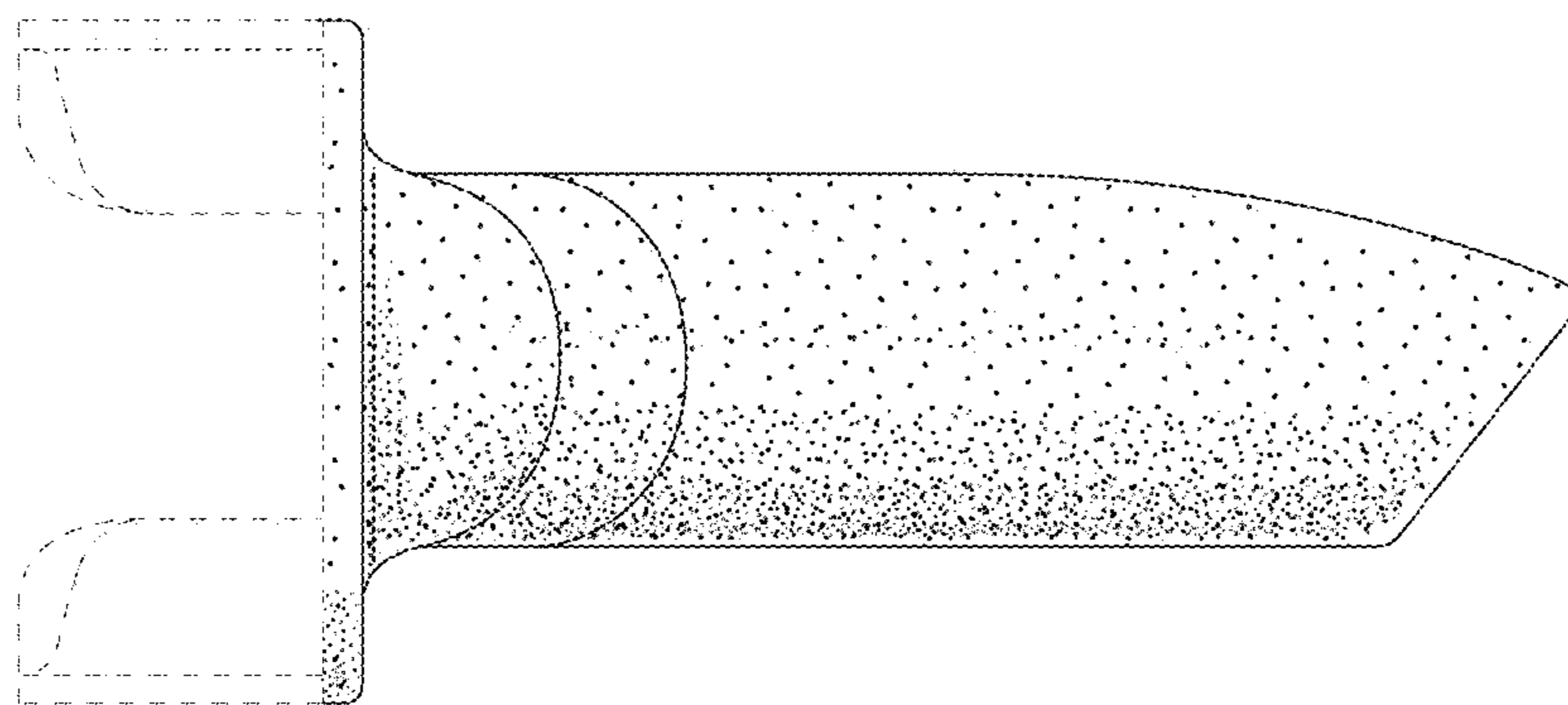


Fig. 7