



US00D957477S

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

(10) **Patent No.:** **US D957,477 S**

(45) **Date of Patent:** **** Jul. 12, 2022**

(54) **TEXTILE THREAD CONTROL SENSOR FOR
AUTOMATIC TEXTILE KNITTING OR
SEWING MACHINES**

D591,121 S * 4/2009 Buzby D8/51
D884,751 S * 5/2020 Peavy D15/78
D887,805 S * 6/2020 Fleming D8/51

(71) Applicant: **BTSR INTERNATIONAL S.P.A.**,
Olgiate Olona (IT)

OTHER PUBLICATIONS

(72) Inventor: **Tiziano Barea**, Busto Arsizio (IT)

Artyea Plastic Retro Robot Arm Robotic Pick Up Pinch Tool Kids
Toy <https://www.amazon.com/Plastic-Retro-Robot-Robotic-Pinch> (Year:
2019).*

(73) Assignee: **BTSR INTERNATIONAL S.P.A.**,
Olgiate Olona (IT)

* cited by examiner

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

Primary Examiner — George D. Kirschbaum

(21) Appl. No.: **35/511,774**

(74) *Attorney, Agent, or Firm* — Vorys, Sater, Seymour
and Pease LLP

(22) Filed: **Mar. 30, 2021**

(80) **Hague Agreement Data**

(57) **CLAIM**

Int. Filing Date: **Mar. 30, 2021**
Int. Reg. No.: **DM/213837**
Int. Reg. Date: **Mar. 30, 2021**
Int. Reg. Pub. Date: **Apr. 30, 2021**

The ornamental design for a textile thread control sensor for
automatic textile, knitting or sewing machines, as shown and
described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Dec. 1, 2020 (EM) 008303705-0001

1. Textile thread control sensor for automatic textile, knitting
or sewing machines

(51) **LOC (13) Cl.** **15-06**

1.1 : Perspective

(52) **U.S. Cl.**

1.2 : Front

USPC **D15/78**

1.3 : Left

(58) **Field of Classification Search**

1.4 : Back

USPC D10/46, 70; D15/78, 66; D8/51
See application file for complete search history.

1.5 : Right

1.6 : Top

1.7 : Bottom

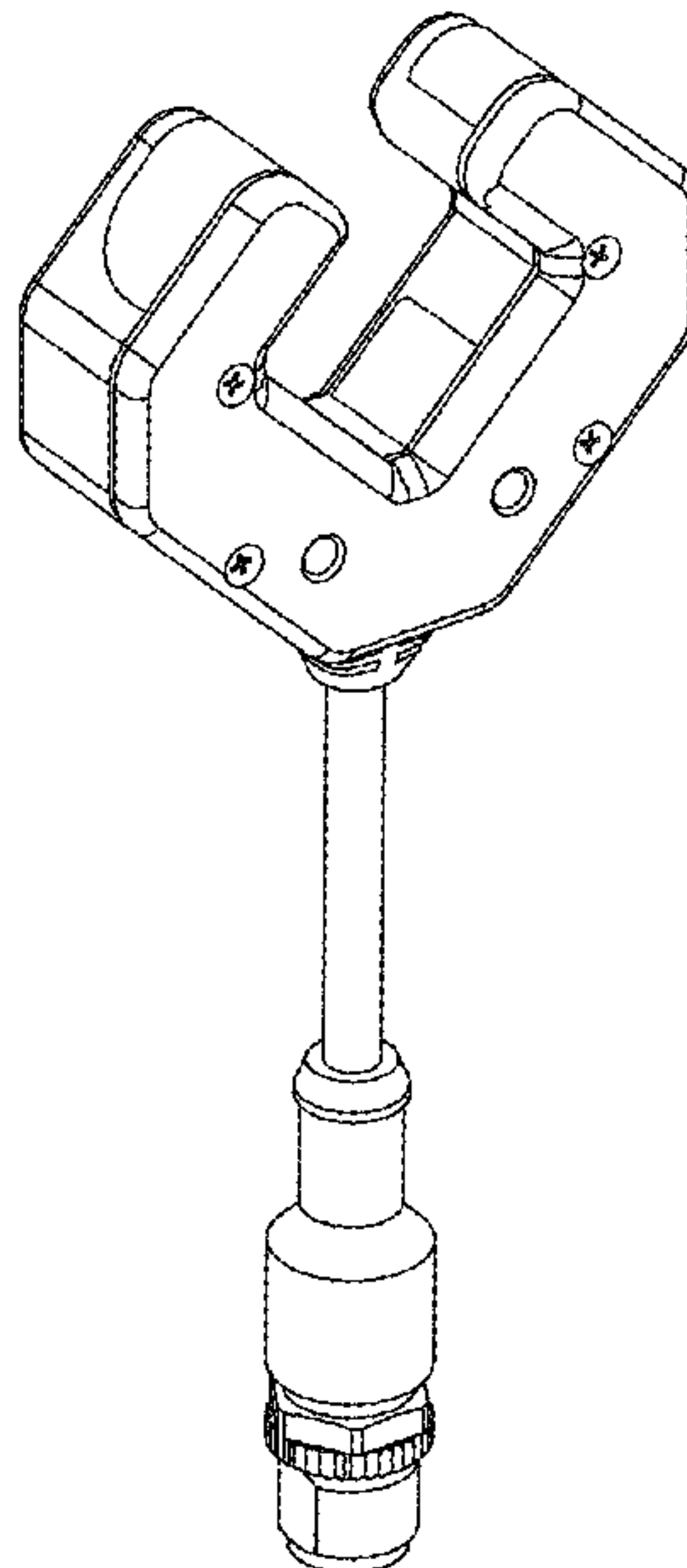
(56) **References Cited**

Fig. **1.1** is a perspective view of the textile thread control
sensor; fig. **1.2** is a front view thereof; fig. **1.3** is a left side
view thereof; fig. **1.4** is a rear view thereof; fig. **1.5** is a right
side view thereof; fig. **1.6** is a top view thereof; fig. **1.7** is a
bottom view thereof.

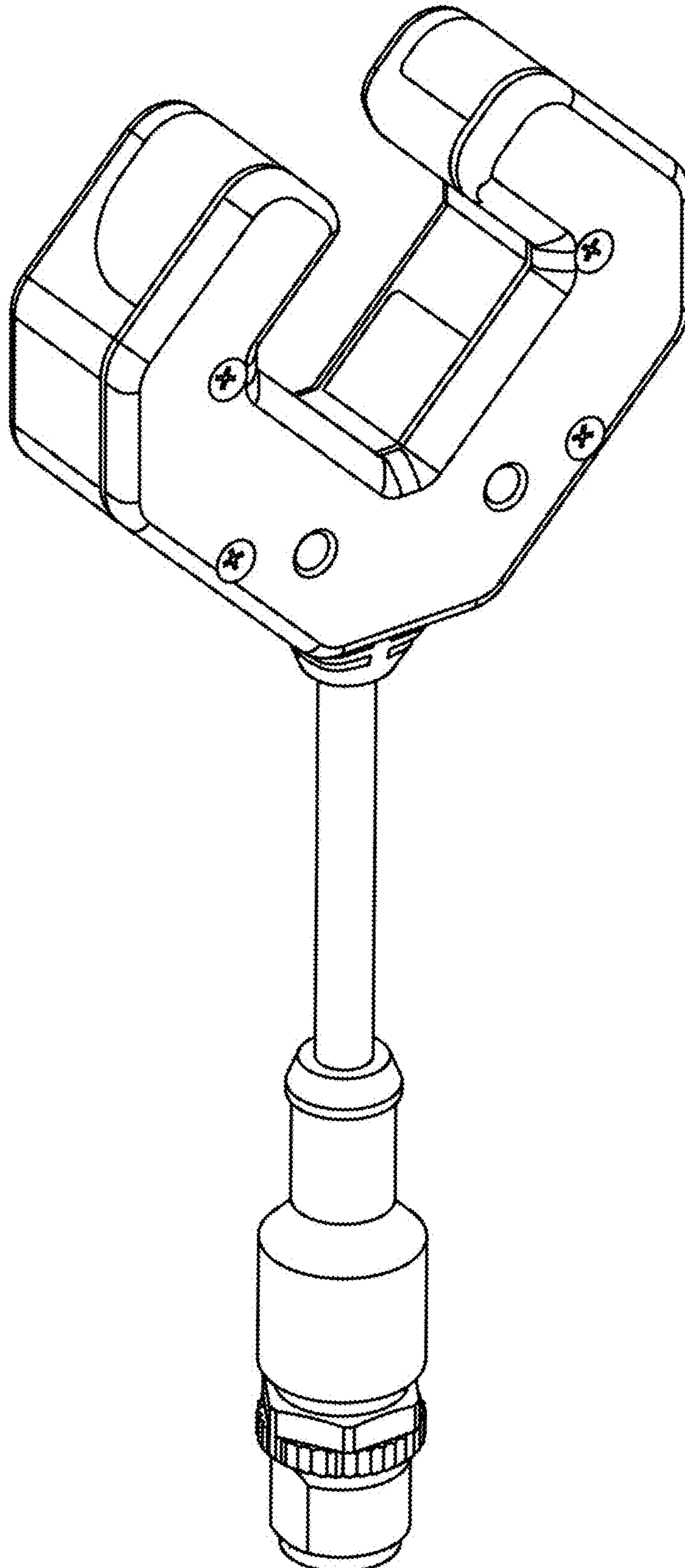
U.S. PATENT DOCUMENTS

5,826,358 A * 10/1998 DeSutter G09F 7/00
40/606.01
D591,120 S * 4/2009 Buzby D8/51

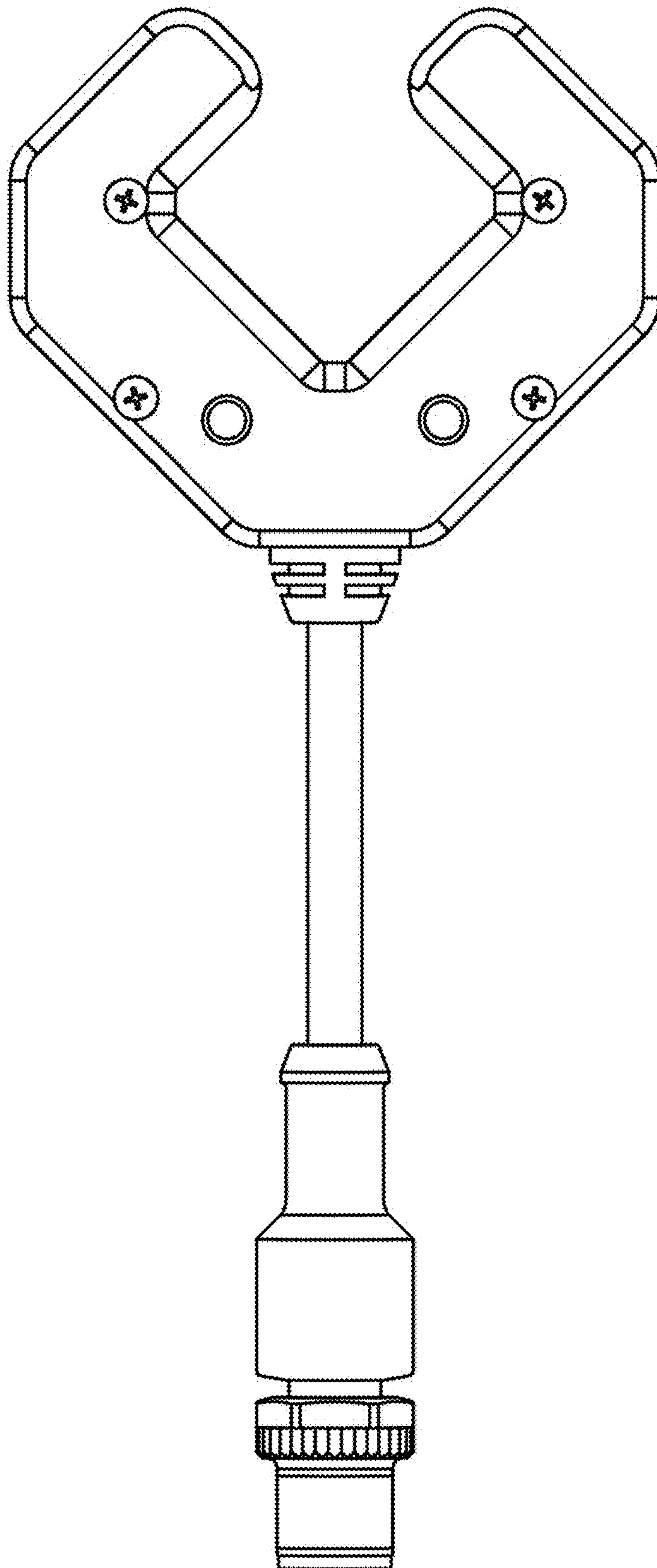
1 Claim, 7 Drawing Sheets



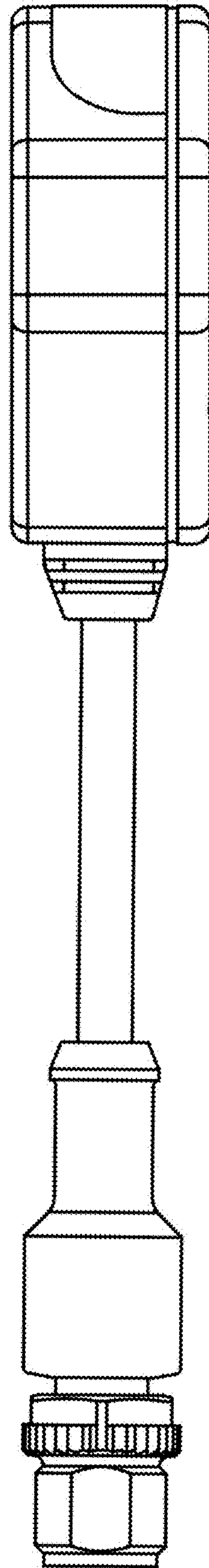
1.1



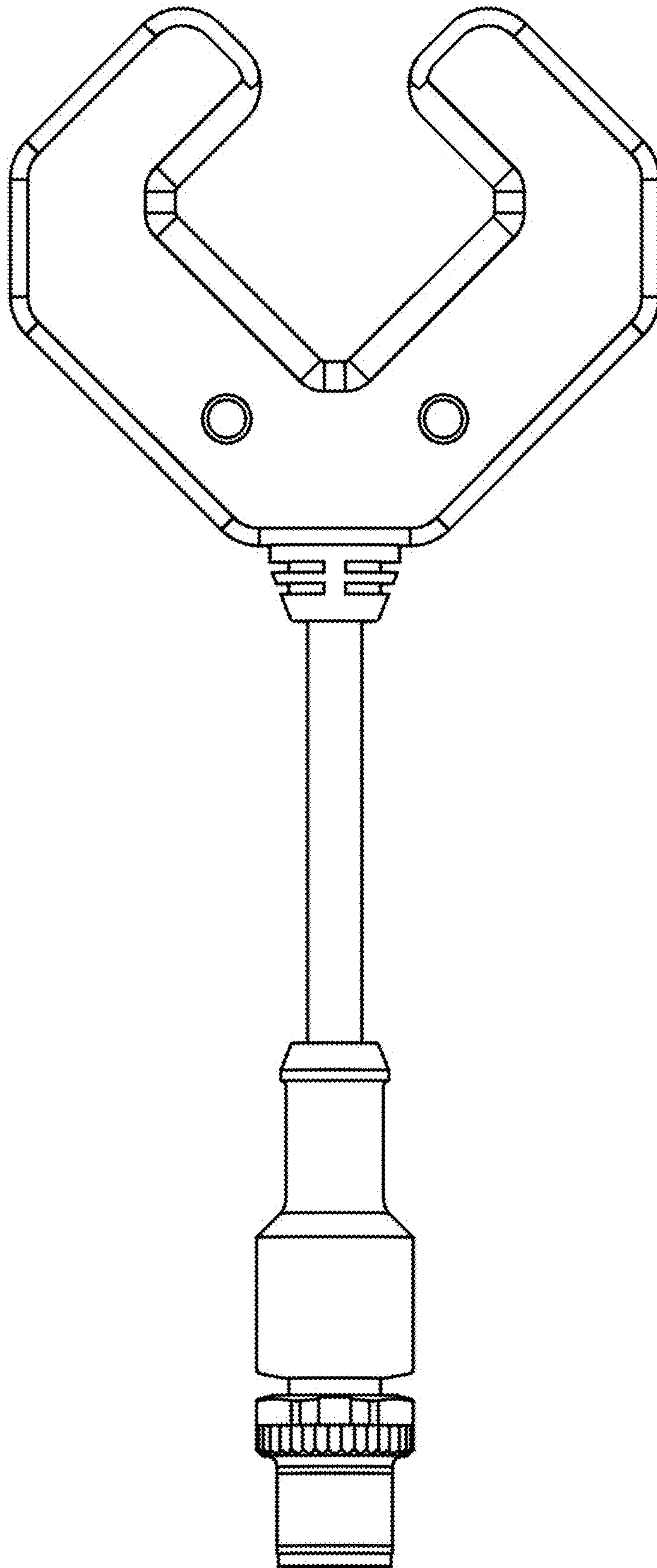
1.2



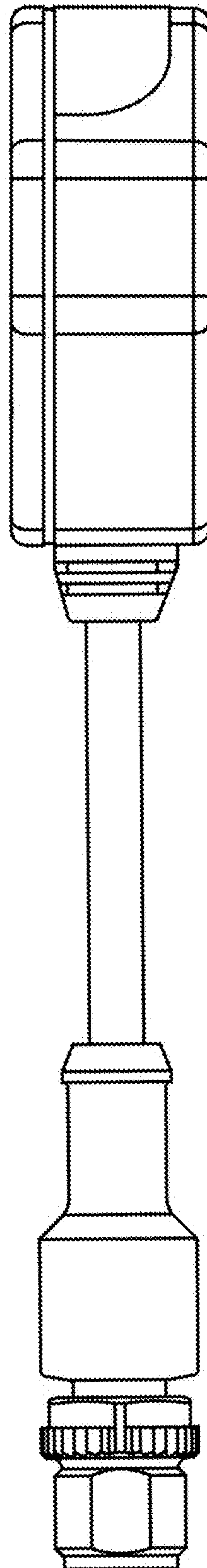
1.3



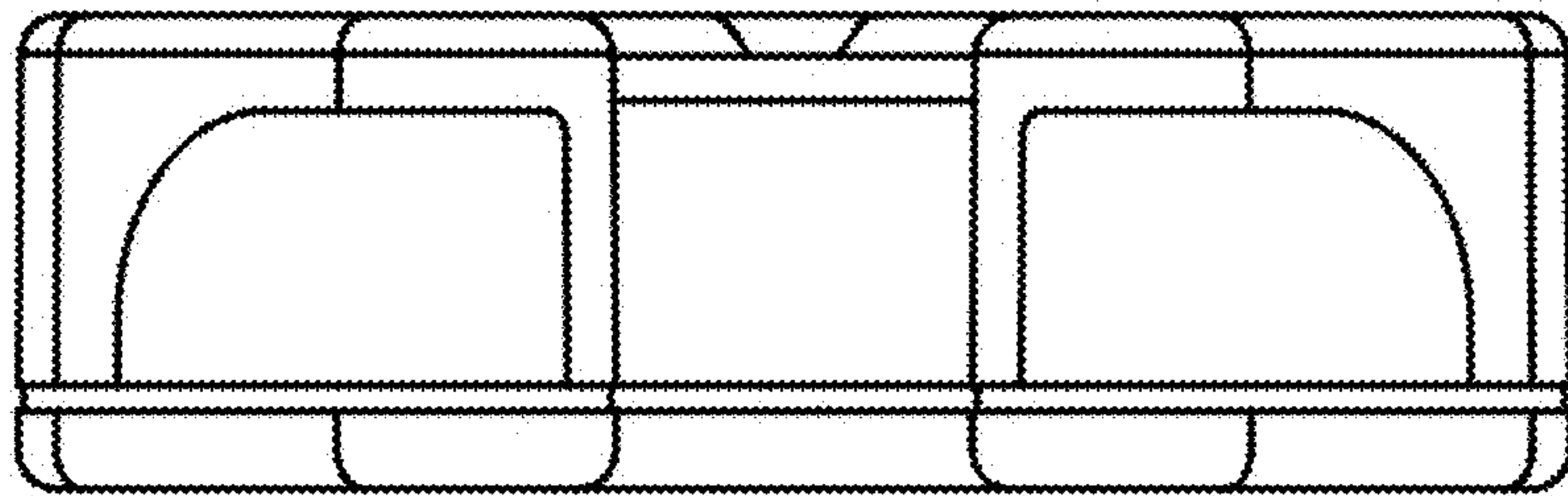
1.4



1.5



1.6



1.7

