US00D975557S

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

(10) **Patent No.: US D975,557 S**
(45) **Date of Patent: ** *Jan. 17, 2023**

(54) **PROTRACTOR**

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(72) Inventor: **Jianding Lu**, Zhejiang (CN)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/708,684**

(22) Filed: **Oct. 9, 2019**

(51) **LOC (14) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/65**

(58) **Field of Classification Search**
USPC D10/61, 62, 64, 65, 68; D19/38
CPC .. B01B 3/06; B01B 3/16; B01B 3/163; B01B 3/166; B43L 7/10; B43L 9/02; B43L 9/04; B43L 13/00; B43L 13/002; G01C 21/20; G01B 2003/1087; G01B 2003/1097
See application file for complete search history.

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Primary Examiner — Leanne Was-Englehart

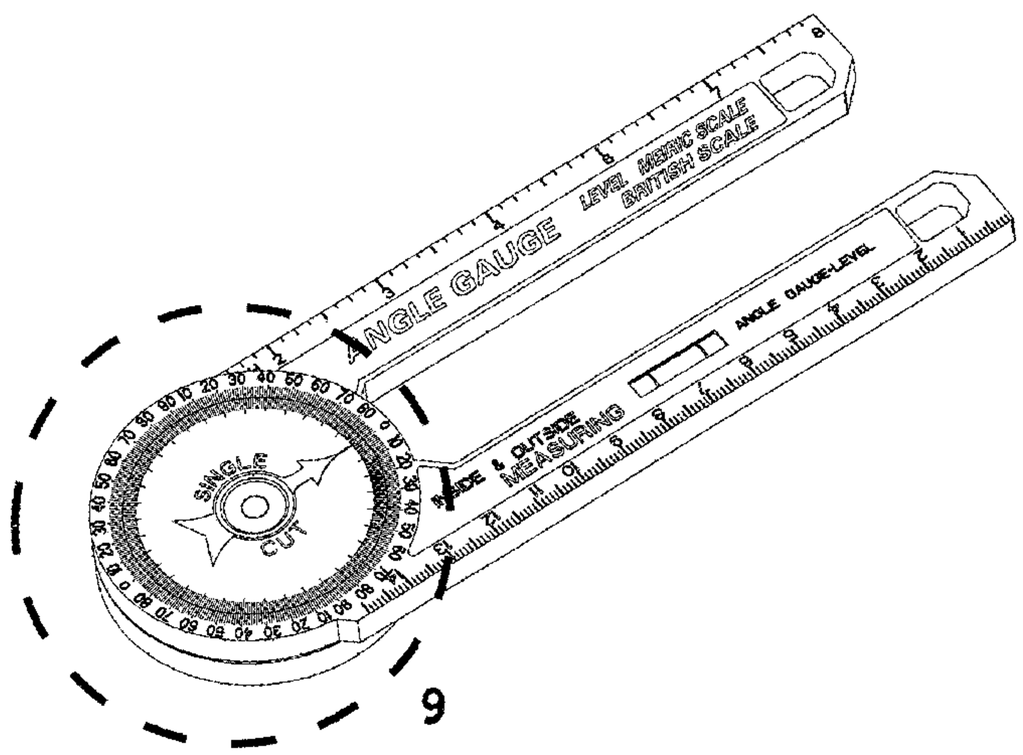
(57) **CLAIM**

The ornamental design for a protractor, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a protractor showing my new design;
FIG. **2** is a front elevation view thereof;
FIG. **3** is a rear elevation view thereof;
FIG. **4** is a left side elevation view thereof;
FIG. **5** is a right side elevation view thereof;
FIG. **6** is a top plan view thereof;
FIG. **7** is a bottom plan view thereof;
FIG. **8** is a rear perspective view thereof; and,
FIG. **9** is an enlarged view of the protractor taken from the circled portion in FIG. **1**.
The broken line circles depict the limits of the enlarged views and form no part of the claimed design.

(Continued)



The broken lines depict portions of the protractor that form no part of the claimed design.

1 Claim, 9 Drawing Sheets

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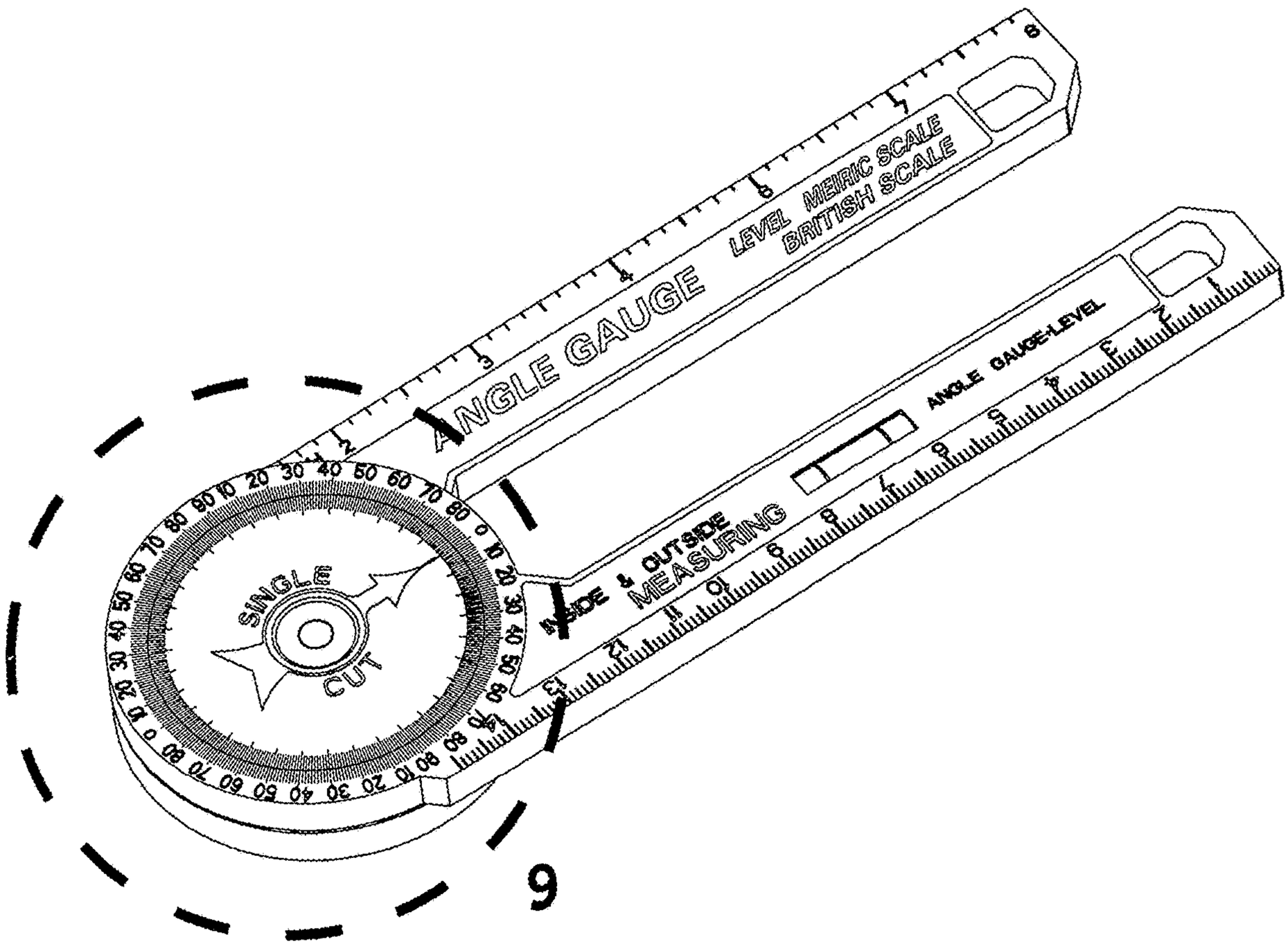
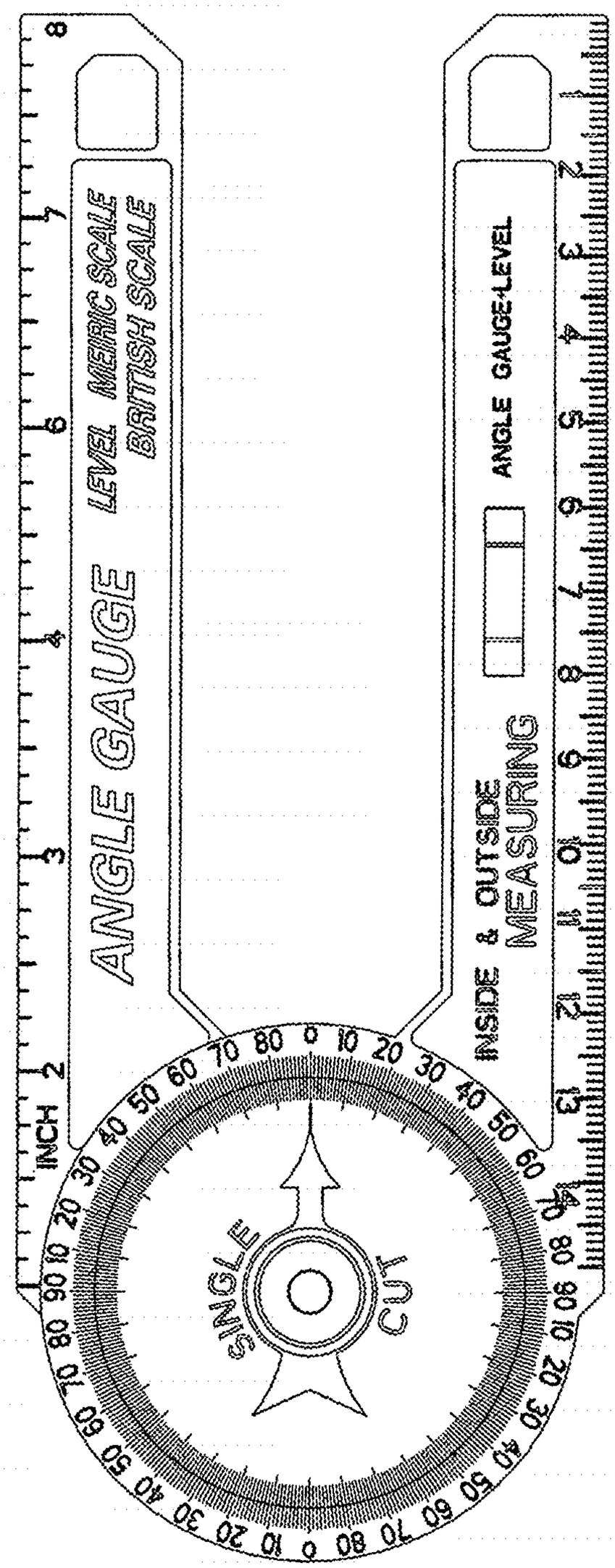

ANGLE GAUGE
LEVEL MEIRIC SCALE
BRITISH SCALE
ANGLE GAUGE-LEVEL
INSIDE & OUTSIDE
MEASURING
SINGLE
CUT
9

FIG. 1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INCH
INSIDE & OUTSIDE
MEASURING
SINGLE
CUT

FIG. 2

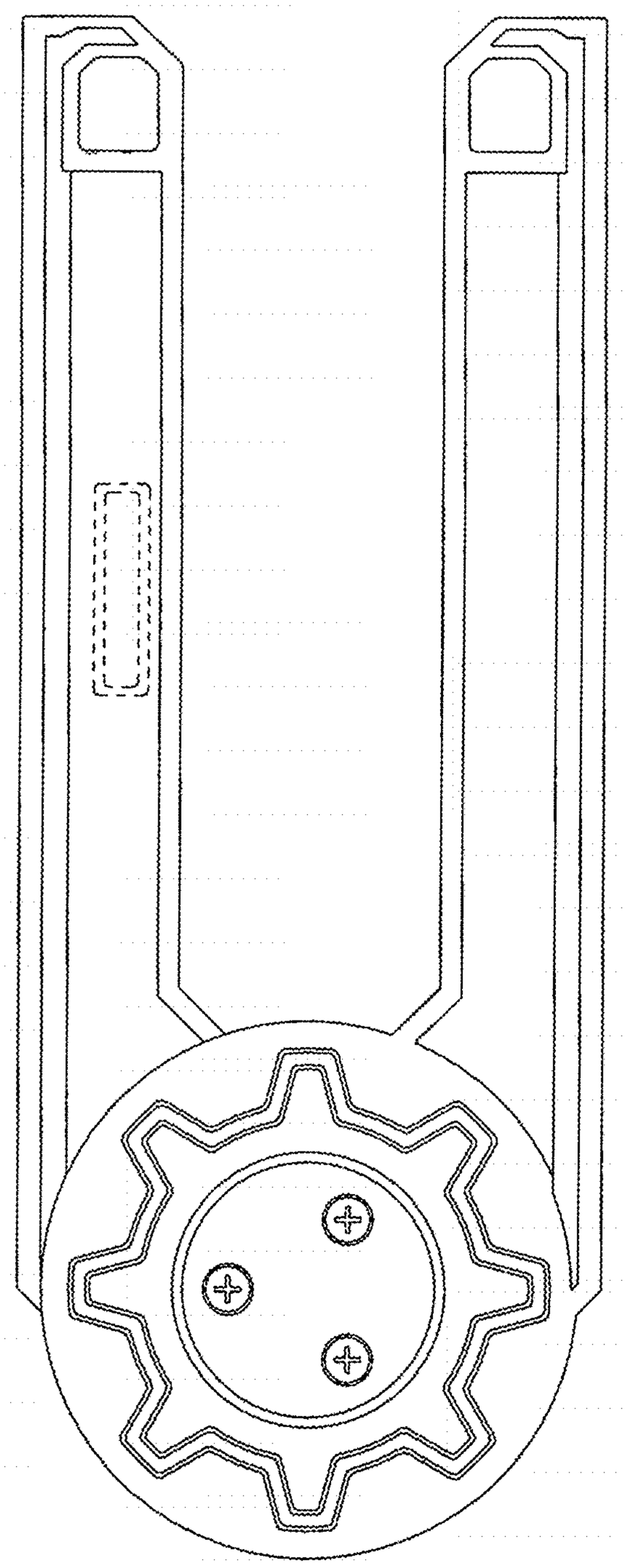

FIG. 3

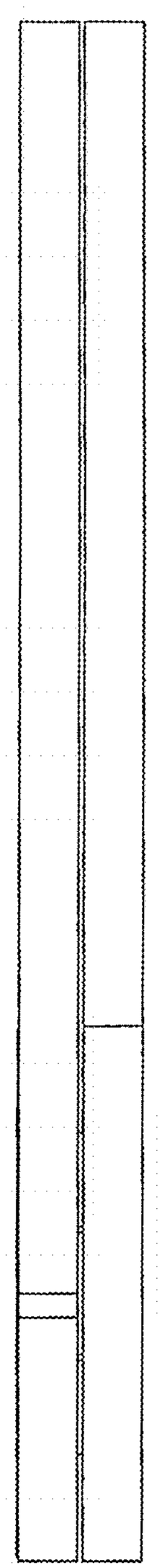

FIG. 4

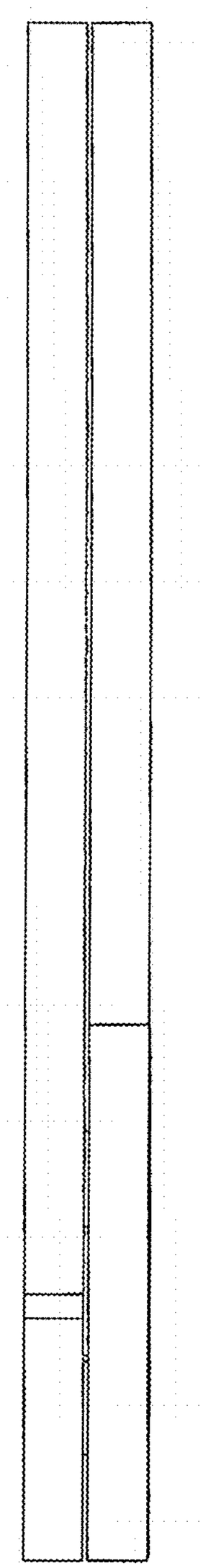

FIG. 5

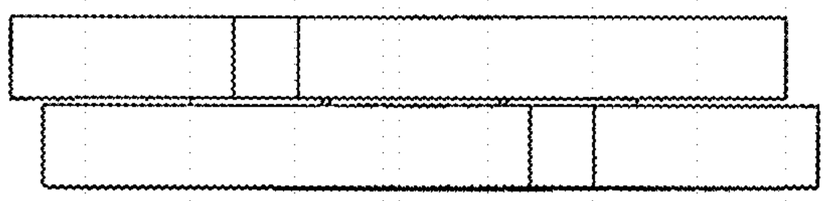

FIG. 6

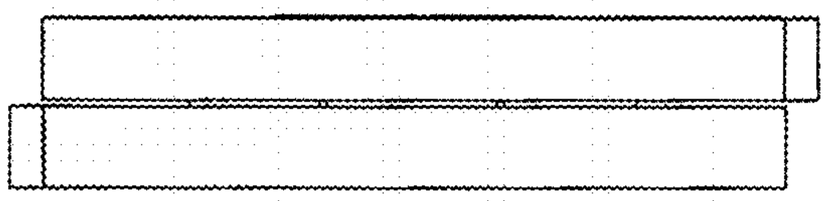

FIG. 7

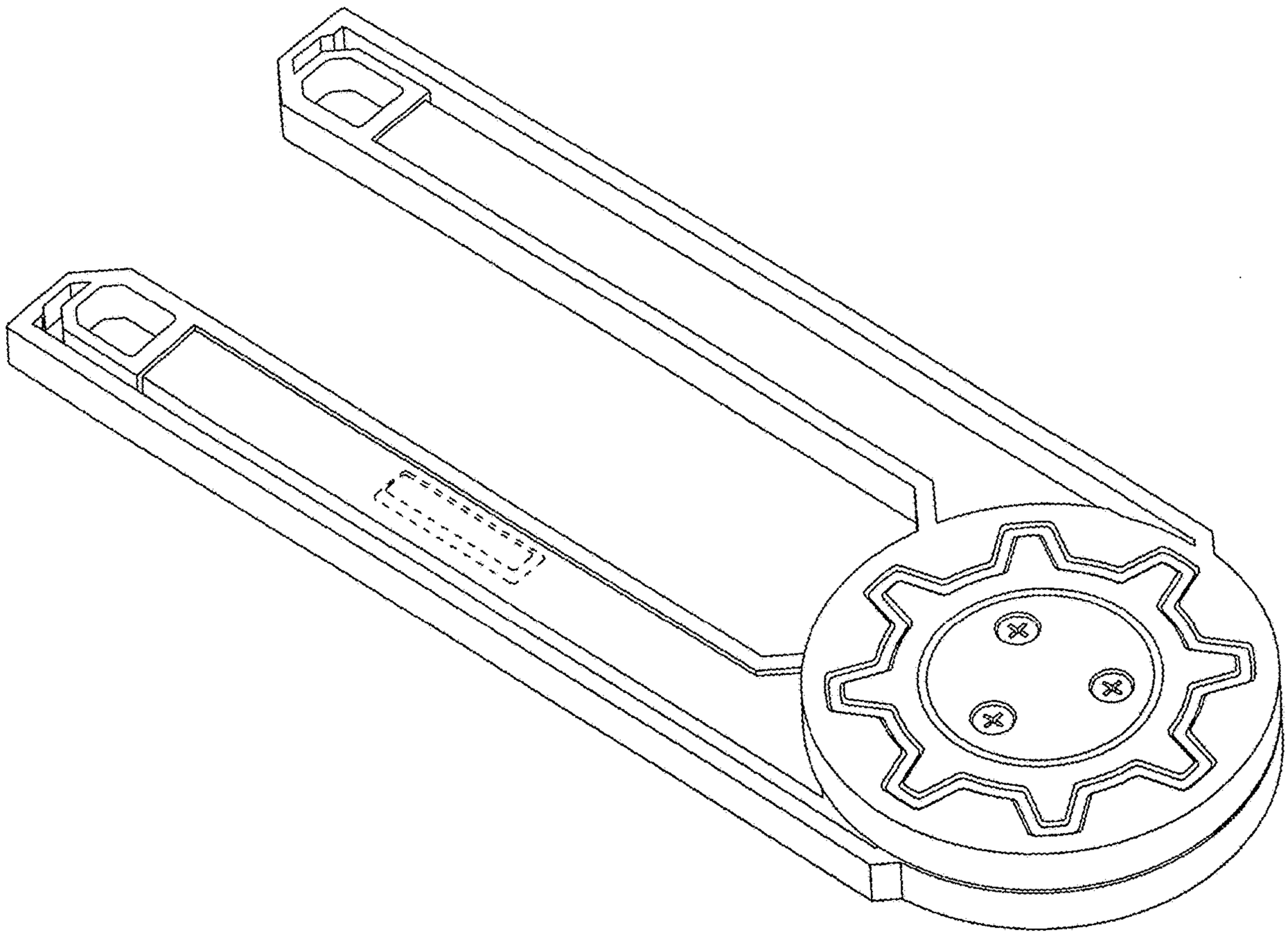

FIG. 8

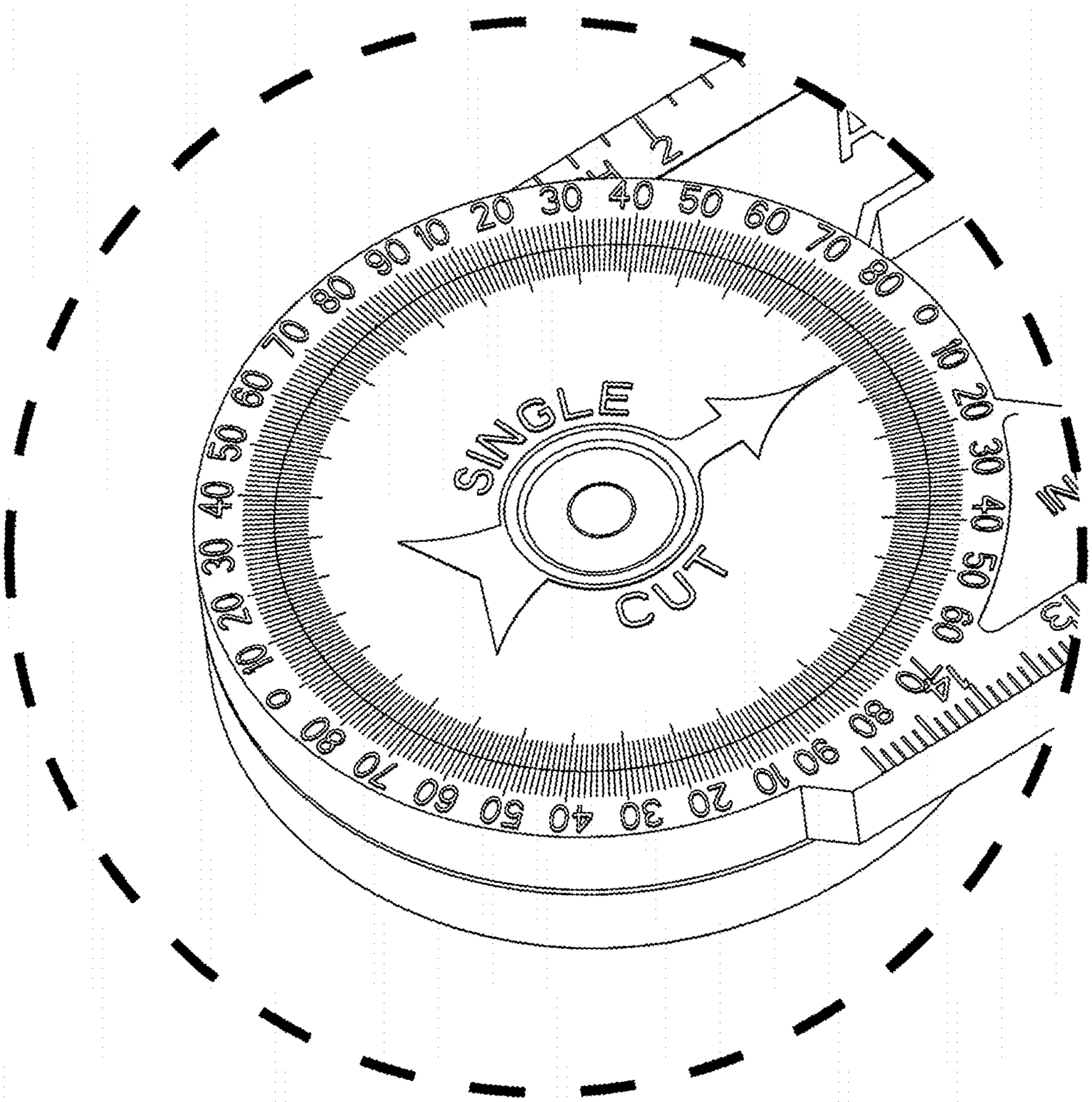

FIG. 9