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(12) **United States Design Patent** (10) **Patent No.: US D818,850 S**
Akao et al. (45) **Date of Patent: ** May 29, 2018**

(54) **PROTECTOR TUBE FOR THERMOCOUPLE**

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

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(30) **Foreign Application Priority Data**

Jul. 14, 2016 (JP) 2016-015082

(51) **LOC (11) Cl.** **10-04**

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

(58) **Field of Classification Search**
USPC D10/49, 50, 51, 52, 53, 54, 55, 56, 60
CPC G01K 7/02; G01K 7/023; G01K 7/026; G01K 7/028; G01K 7/04; G01K 7/06; G01K 7/08; G01K 7/10; G01K 7/12; G01K 7/13; G01K 7/14; G01K 1/12; G01K 1/08; G01K 1/125; G01K 1/10; G01K 1/105
See application file for complete search history.

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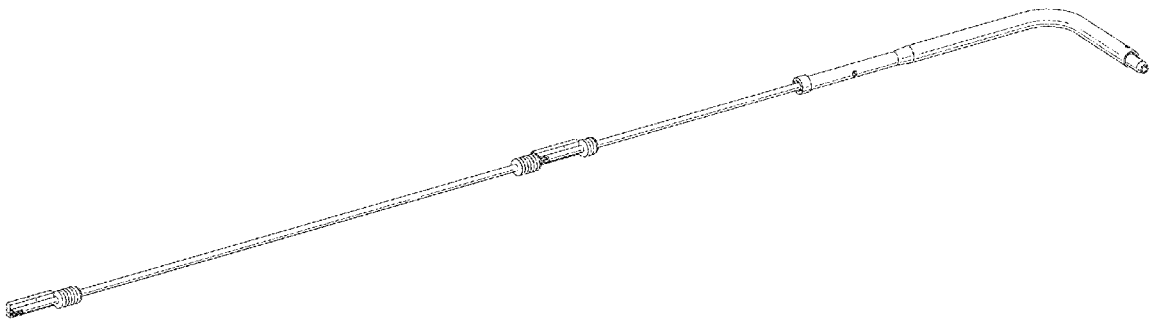
(57) **CLAIM**

We claim the ornamental design for a protector tube for thermocouple, as shown (and described).

DESCRIPTION

FIG. **1** is a front, bottom and left side perspective view of a protector tube for thermocouple showing my new design;
FIG. **2** is a front elevational view thereof;
FIG. **3** is a rear 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;
FIG. **7** is a bottom plan view thereof;
FIG. **8** is a cross-sectional view take along line **8-8** in FIG. **5** thereof;
FIG. **9** is an enlarged portion view take along line **9-9** in FIG. **2** thereof;
FIG. **10** is a cross-sectional view take along line **10-10** in FIG. **9**; and,
FIG. **11** is an enlarged cross-sectional view take along line **11-11** in FIG. **2**.

1 Claim, 5 Drawing Sheets



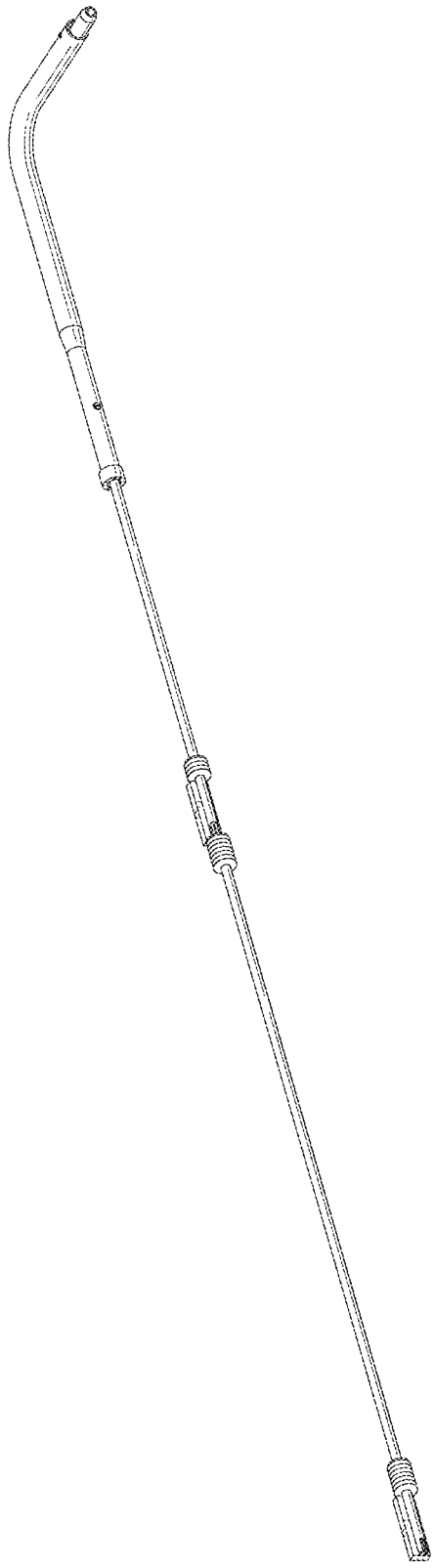


FIG. 1

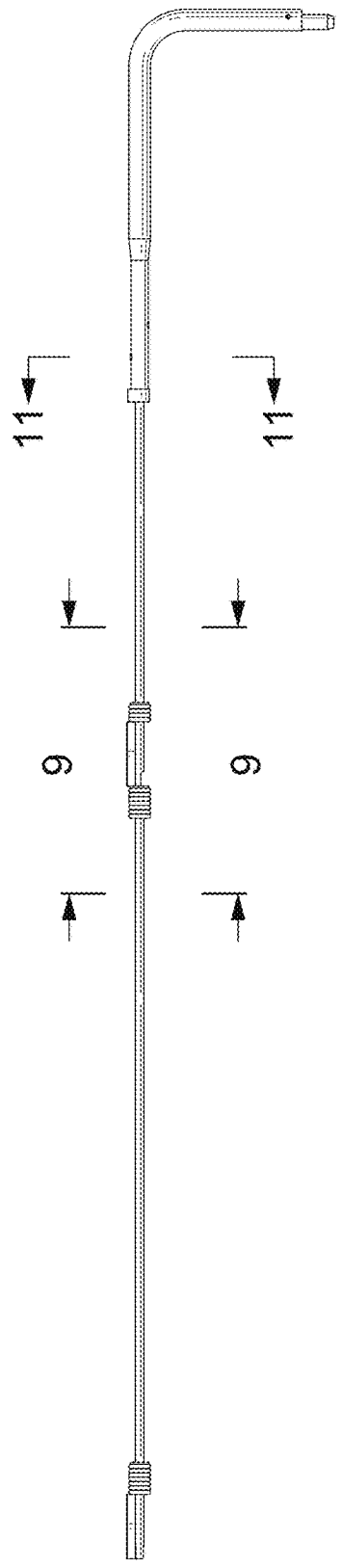


FIG. 2



FIG. 3

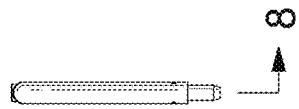


FIG. 5

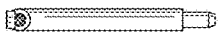


FIG. 4

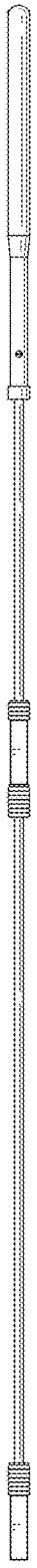


FIG. 6

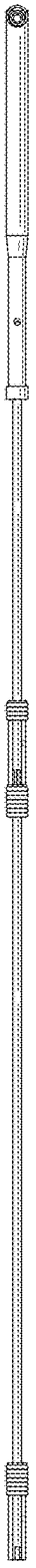


FIG. 7

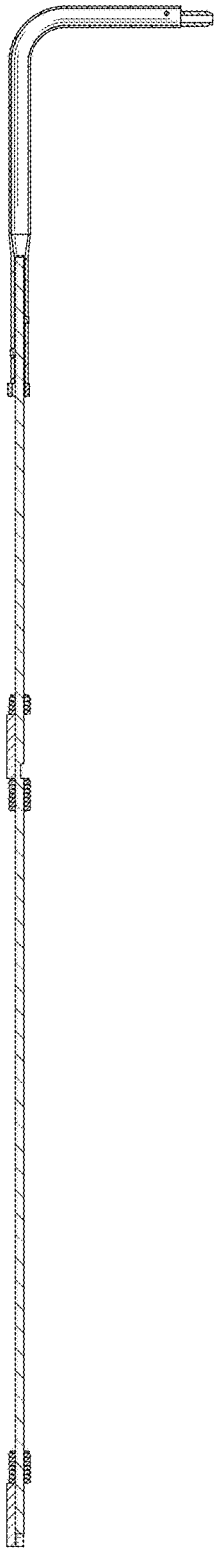


FIG. 8

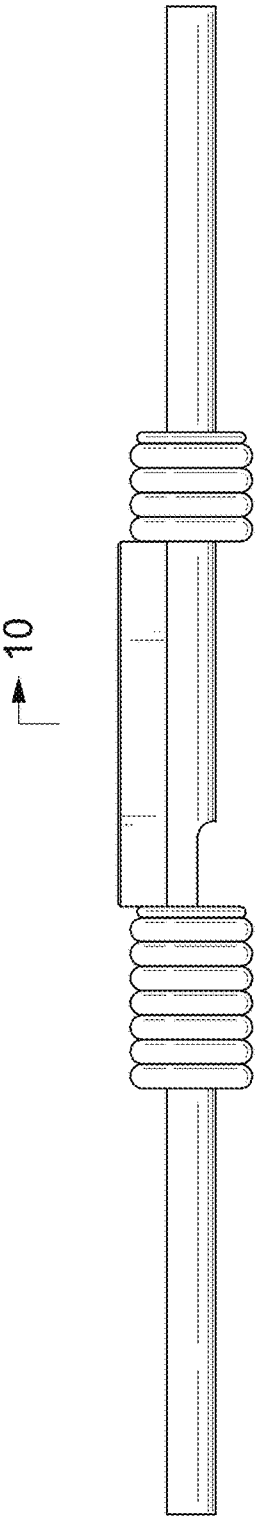


FIG. 9

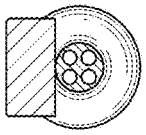


FIG. 10

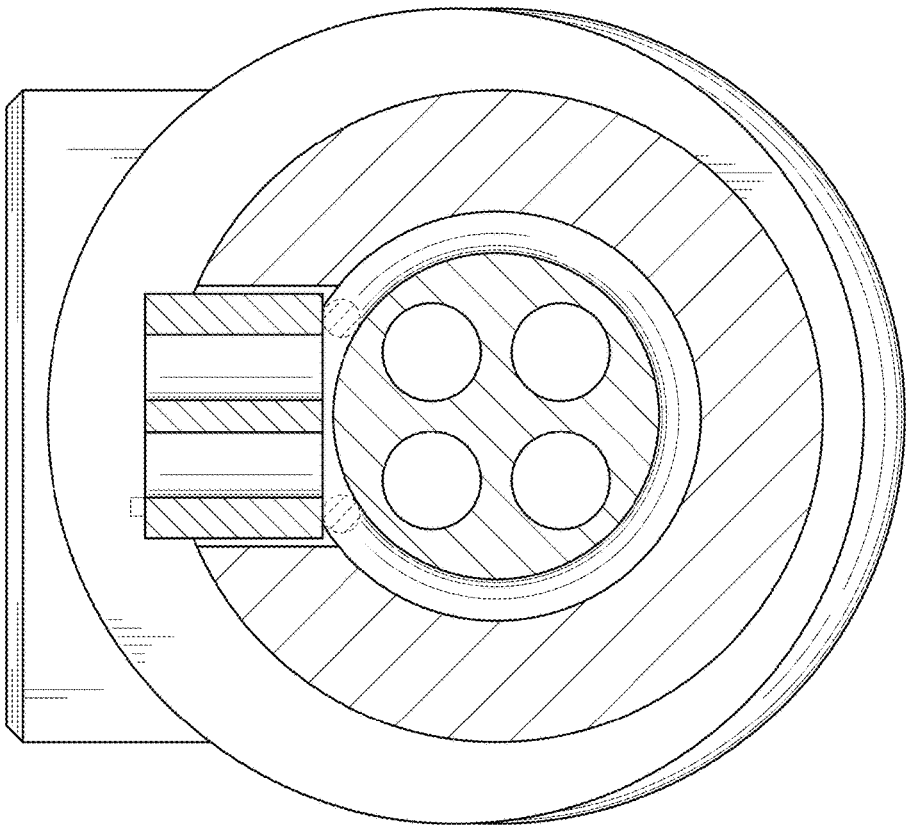


FIG. 11