United States Patent [19]

Ismail

[11] **Patent Number: Des. 275,519**

[45] **Date of Patent: ** Sep. 11, 1984**

[54] **VASCULAR TUNNELER**

[76] Inventor: **Hisham I. Ismail,** 119 Osman Affan St., Heliopolis, Cairo, Egypt

[**] Term: **14 Years**

[21] Appl. No.: **509,060**

[22] Filed: **Jun. 29, 1983**

[30] **Foreign Application Priority Data**

Dec. 30, 1982 [AU] Australia 2512/82

[52] **U.S. Cl.** **D24/54;** D24/99

[58] **Field of Search** ..... 128/303 R, 341.1; 604/264, 164, 170; D24/54, 8, 99

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Primary Examiner—Bernard Ansher

Attorney, Agent, or Firm—Reising, Ethington, Barnard, Perry & Milton

[57] **CLAIM**

The ornamental design for a vascular tunneler, as shown and described.

DESCRIPTION

FIG. **1** is a top plan view of a vascular tunneler in a fully assembled condition, showing my new design;

FIG. **2** is a bottom plan view thereof;

FIG. **3** is an end elevation as seen in the direction of line **3—3** of FIG. **1;**

FIG. **4** is a longitudinal cross-sectional view taken on line **4—4** of FIG. **3;**

FIG. **5** is a top plan view of the outer casing of the instrument, shown separately for clarity of illustration; and

FIG. **6** is a top plan view of the inner portion of the instrument shown separately for clarity of illustration.

FIG 3

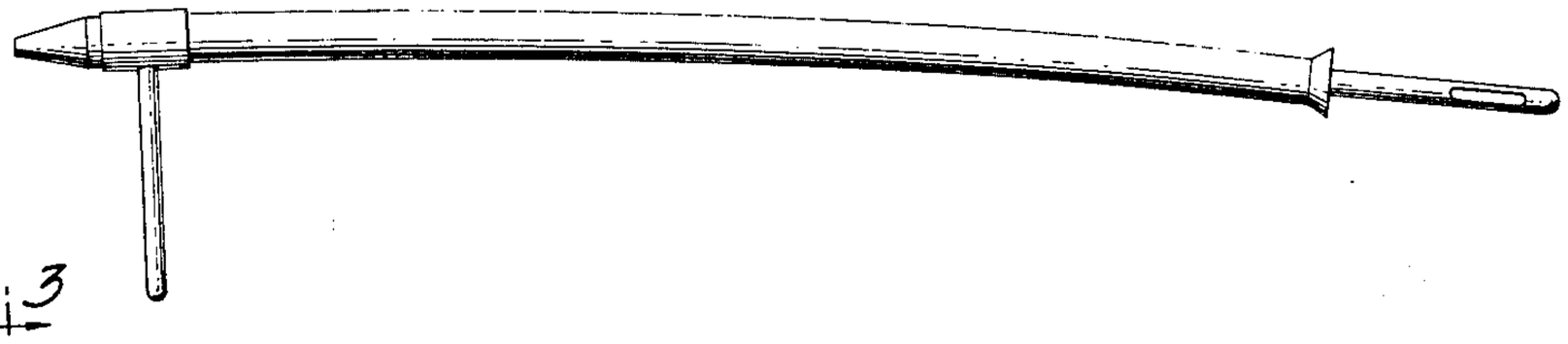
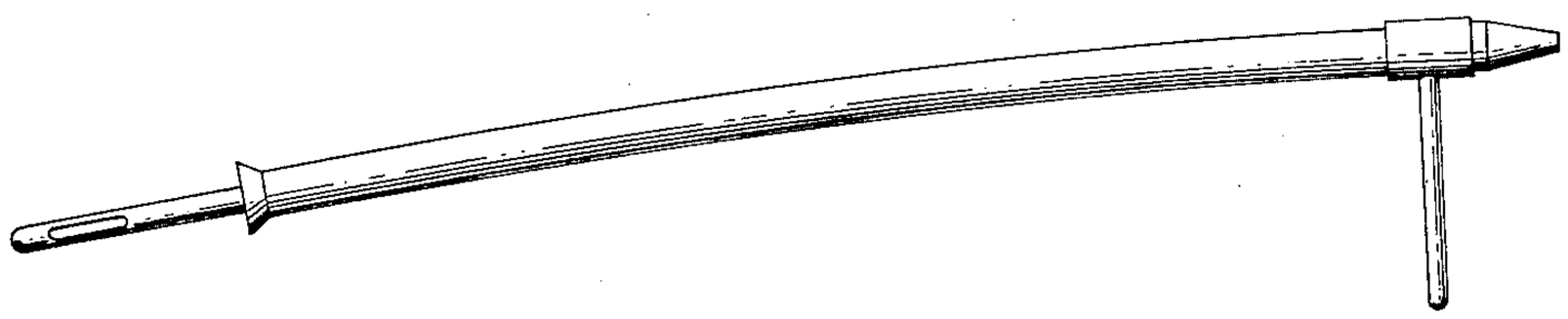


FIG 4



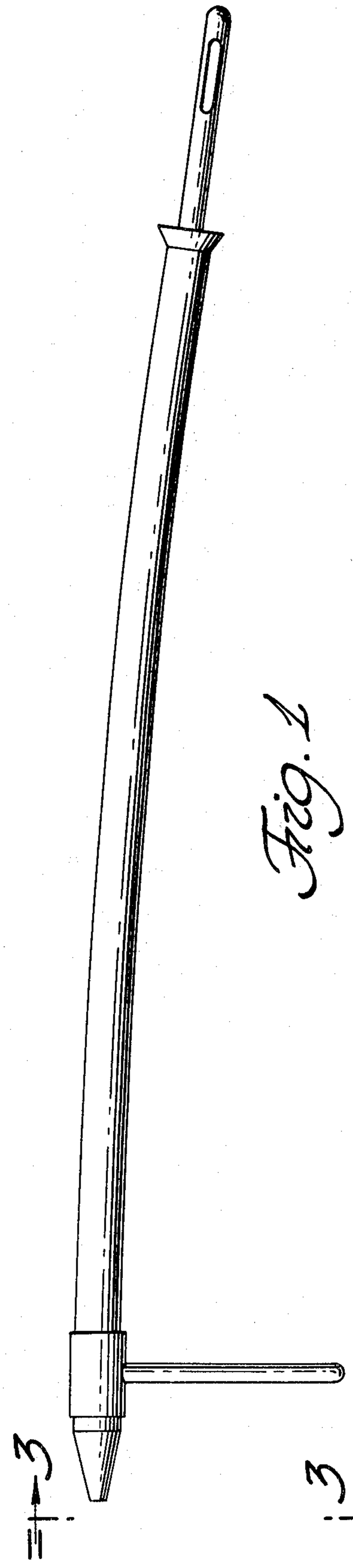


Fig. 1

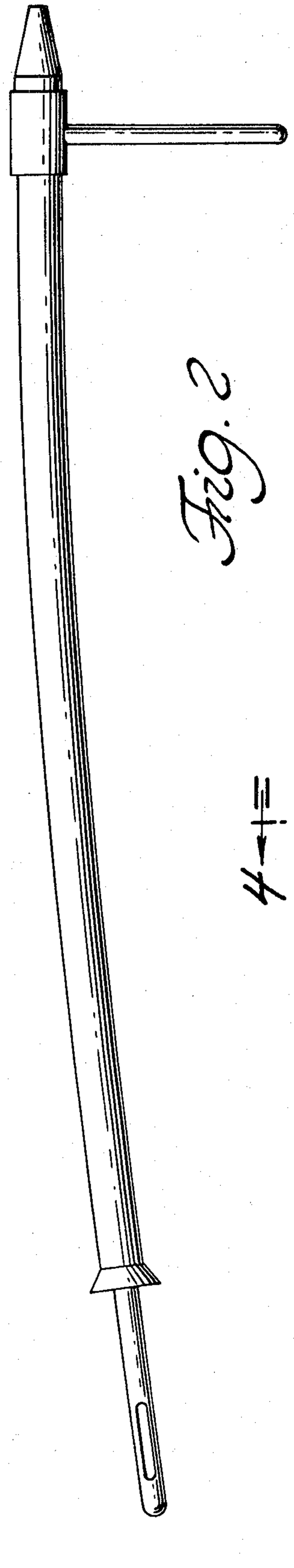


Fig. 2

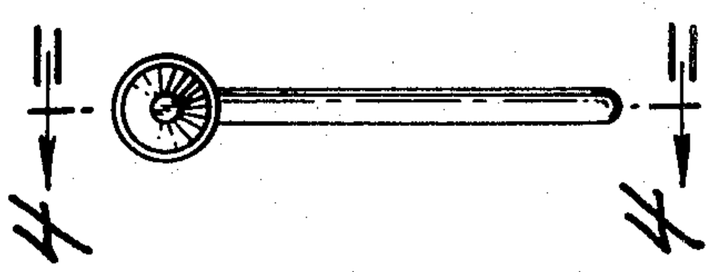
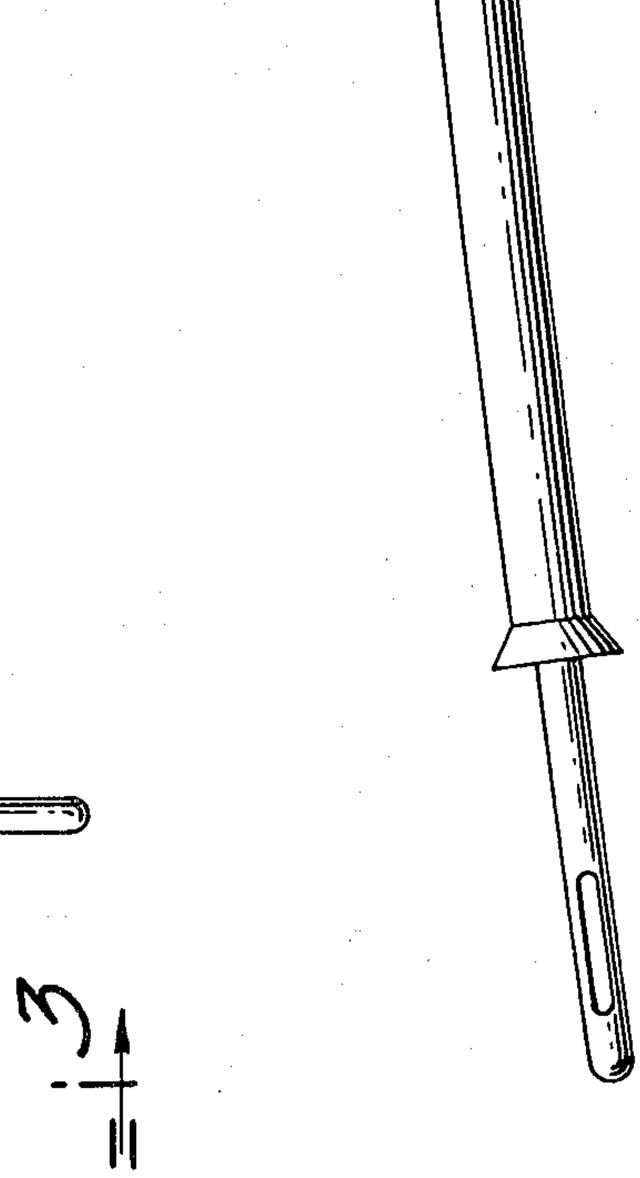


Fig. 3



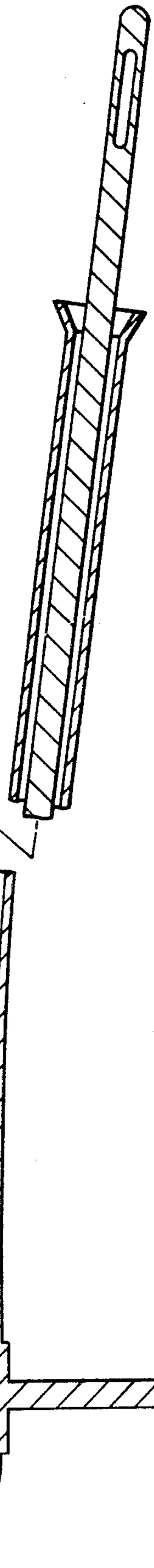


Fig. 4

Fig. 5

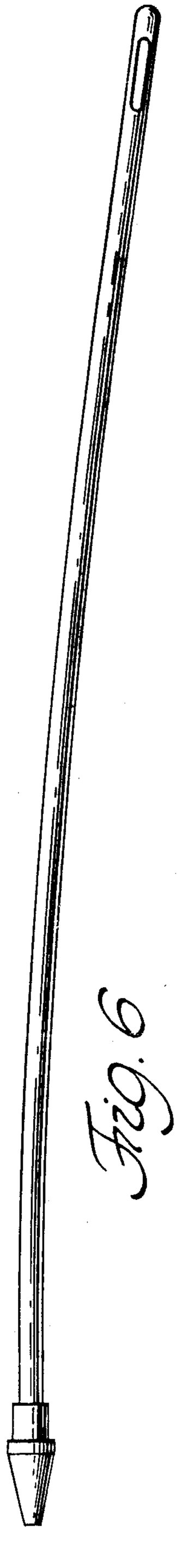


Fig. 6