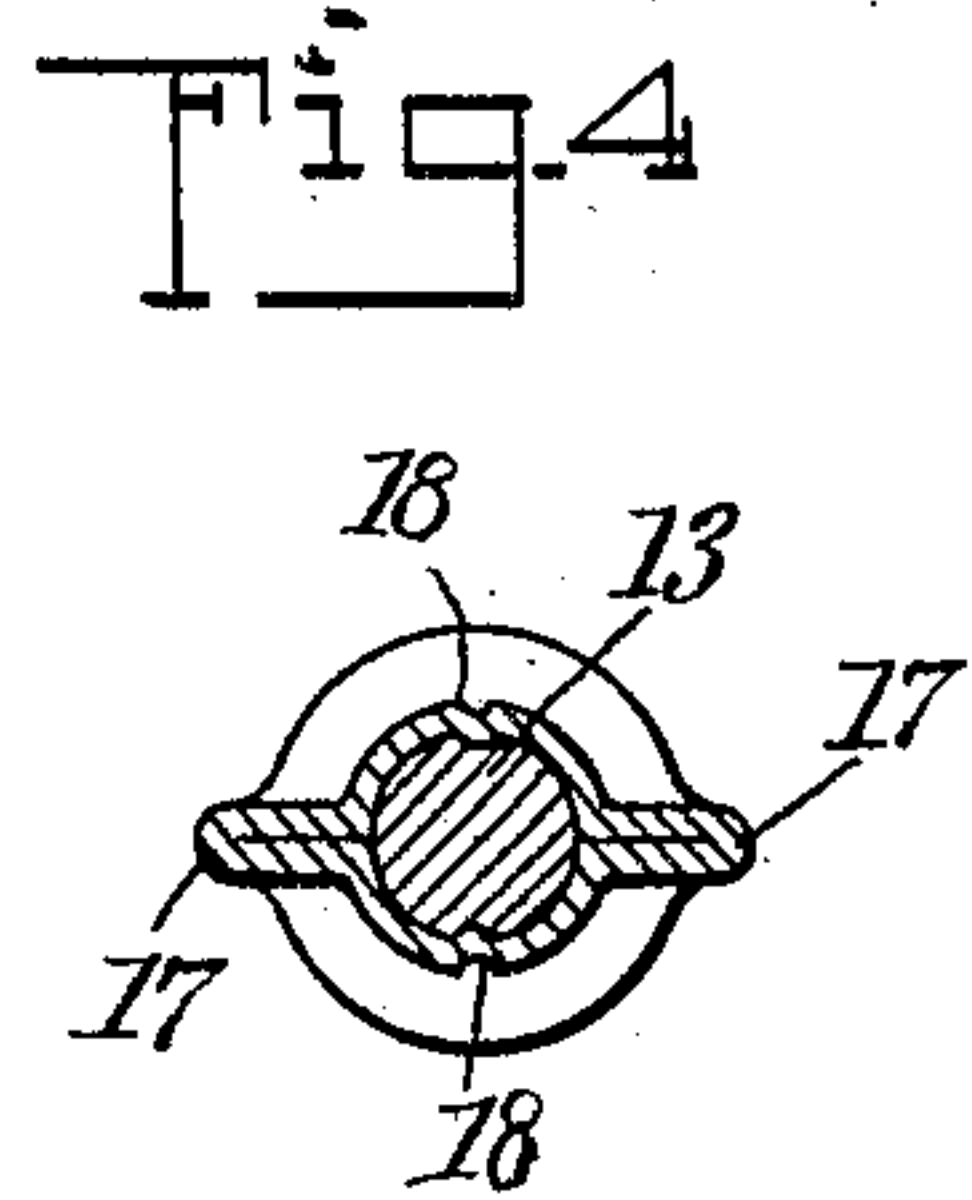
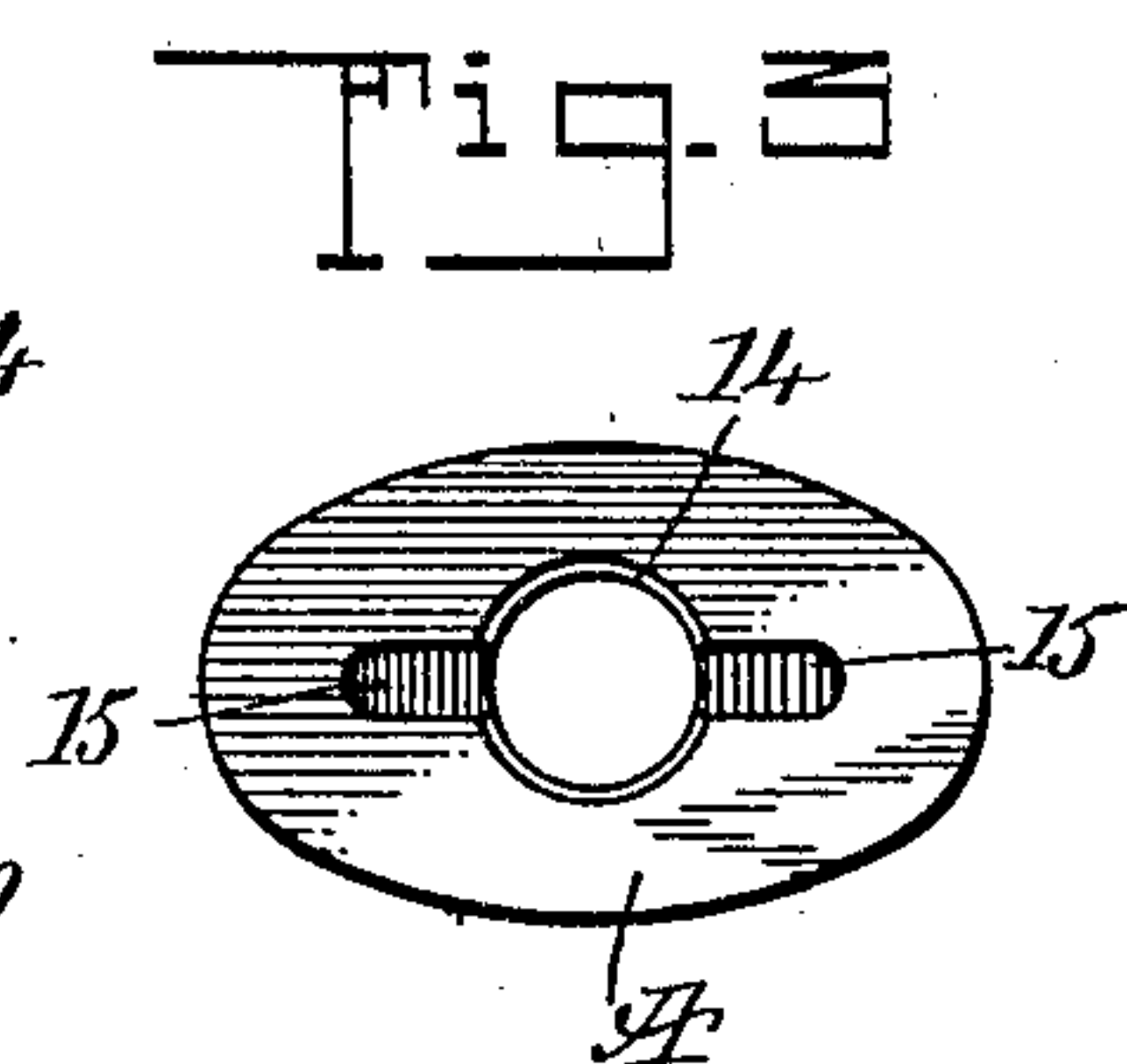
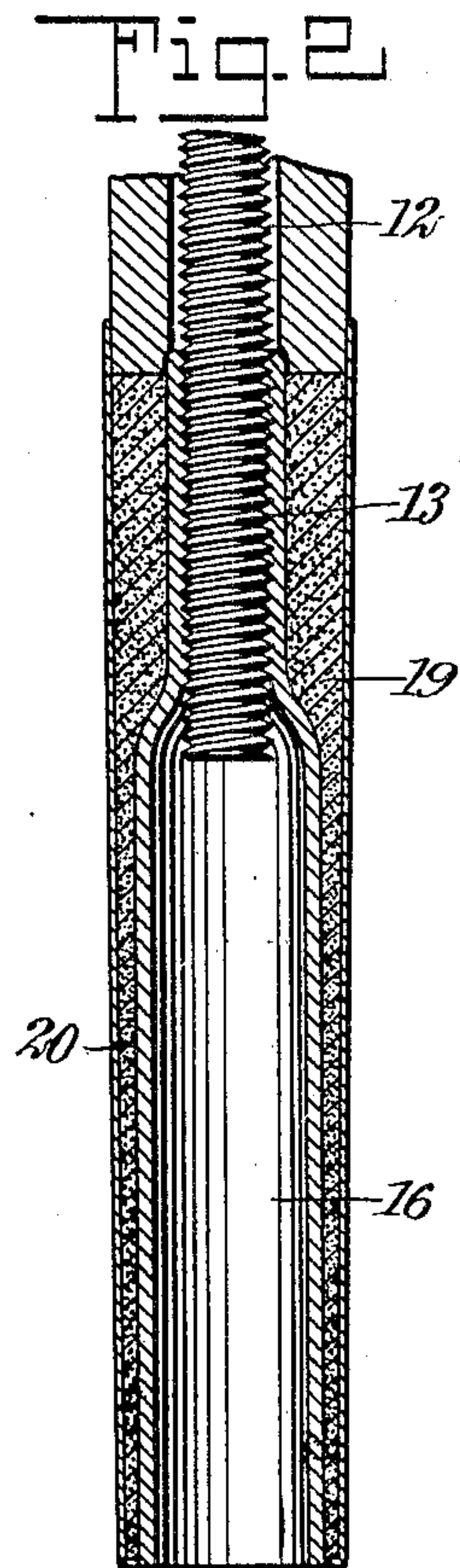
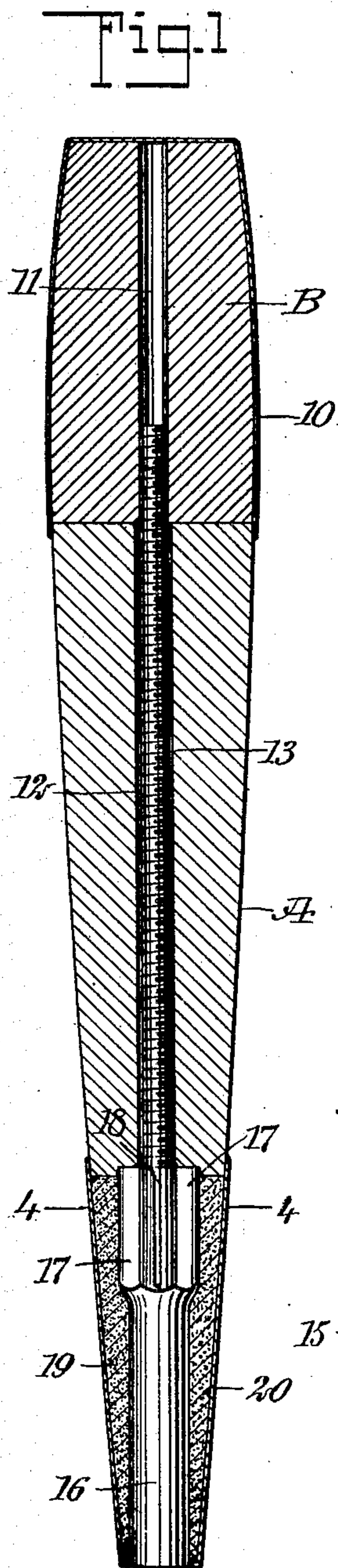


No. 860,401.

PATENTED JULY 16, 1907.

C. MARX.
COUPLING FOR UMBRELLA HANDLES.
APPLICATION FILED JAN. 31, 1907.



WITNESSES

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CONRAD MARX, OF NEW YORK, N. Y.

COUPLING FOR UMBRELLA-HANDLES.

No. 860,401.

Specification of Letters Patent.

Patented July 16, 1907.

Application filed January 31, 1907. Serial No. 354,996.

To all whom it may concern:

Be it known that I, CONRAD MARX, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Couplings for Umbrella-Handles, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a simple and readily applicable means for coupling the members of umbrella and parasol handles, constructed of more than one piece of material, the coupling being so made that the handle in its entirety will not turn thereon; and a further purpose of the invention is to provide a coupling of the character described that can be applied directly to the umbrella stick or rod and be secured thereto.

The invention consists in the novel construction and combination of the several parts as will be hereinafter fully set forth and pointed out in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal section through a handle and a side elevation of the applied coupling; Fig. 2 is an enlarged longitudinal section through the lower portion of the handle and a coupling; Fig. 3 is an enlarged lower end view of the lower section of the handle; and Fig. 4 is a transverse section through the coupling taken practically on the line 4—4 of Fig. 1.

The handle in the drawing is shown constructed of two members or sections A and B. Ordinarily when the handle is so made the body or inner section A is of a hard and generally ornamental material, while the outer or head section B is made of wood, and when so made is provided with a casing 10 of metal either plain or ornamented. The outer or head section B of the handle is provided with a bore 11 extending through generally from end to end, but not necessarily so, and particularly the inner portion of the said bore is threaded to receive an outer end of a screw rod 13, which rod is loosely passed through a bore 12 formed in the body section A of the handle extending through it from end to end and registering with the bore 11 in the outer or head section B.

At the outer end of the plain bore 12 of the body section A, the outer or upper end of said body section is provided with a countersink 14, as is shown in Fig. 3, and recesses 15 are likewise produced in the said outer or upper end of the body section A communicating with the countersink, as is shown in Fig. 3, and the said recesses 15 are opposite each other, as is shown in the same figure.

The upper or inner end of the screw rod 13 is received

in the tube 16 and this tube is adapted to be slid over the upper end of the rod or stick of the umbrella and to be secured thereto in any approved manner. The tube 16 is secured to the upper end of the screw 13 in the manner particularly shown in Figs. 1 and 4, wherein the inner end portion of the tube 16 is pressed so as to close tightly around the screw 15 and to form opposing wings 17 of such dimensions that said wings can enter the recesses 13 in the body section A of the handle and in order to prevent the tube 16 from possibly turning on the screw 13 at the opposite sides of the rounded contracted portion of the said tube, longitudinal indentations 18 are made that force the material of the tube into the thread of the rod. The tube having been securely fastened to the rod 13, the rod is slipped through the bore 12 of the body A of the handle and is then screwed into the bore 11 of the outer or head section B, thus firmly and securely connecting the two said sections. When the rod 13 has been fully screwed to place, the wings 17 formed in the manner stated will enter the recesses 15 owing to the countersink 14 and so prevent the handle in its entirety from possibly turning on the coupling medium.

Preferably the tube 16 is covered with a cement so as to give that portion of the handle a regular or uniform contour, and this cemented portion of the handle may be also provided with a casing 20 of metal for example.

Having thus described my invention, I claim as new and desire to secure by Letters Patent,—

1. In an umbrella handle, a handle formed of sections one section having a plain bore and the other a threaded bore, the section with the plain bore having recesses in one end, a screw passing loosely through one section and screwing into the other section, and a winged tubular member at one end of the screw, the wings of the said member entering the recesses of the said section and preventing the handle from turning on the screw.

2. In umbrella handles, a handle constructed in sections, the inner section of the handle at its outer end being provided with recesses, and each section with a bore, the bore of the inner section being located between the recesses in its outer end, a connecting screw loosely passed into the inner section of the handle, being screwed into the outer section, and a tube secured to the lower end of the said screw and having opposing wings adapted to enter the recesses in the outer end of said inner section, the tube being adapted to receive the stick or rod of an umbrella or parasol.

3. In an umbrella handle, a handle constructed in sections, each section being provided with a bore, the inner section being provided with recesses in its outer end at the sides of the bore, a screw connecting the sections of the handle, a tube secured to the outer end of the said screw clamped thereon and provided with opposing wings that enter the said recesses in the inner section, the said tube being adapted to receive the stick or rod of an umbrella or parasol, and a cement-covering for said tube.

4. In an umbrella handle, a handle constructed in sections, the outer section being provided with a threaded

bore and the inner section with an enlarged and plain bore, the inner section being provided with recesses at the sides of the bore, a screw passed loosely through the inner section of the handle and secured to the outer section, a tube
5 compressed around the outer end of the said screw, which tube at its compressed portion is indented in the threads of the screw and is provided with opposing wings adapted to enter the said recesses in the inner section, the lower portion of the tube being adapted to receive the stick or

rod of an umbrella or parasol handle, a casing secured to 10 the inner section, and a filling of cement between the tube and casing.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.
CONRAD MARX.

Witnesses:

JAMES W. RANDOLPH,
NOAH CHERTOFF.