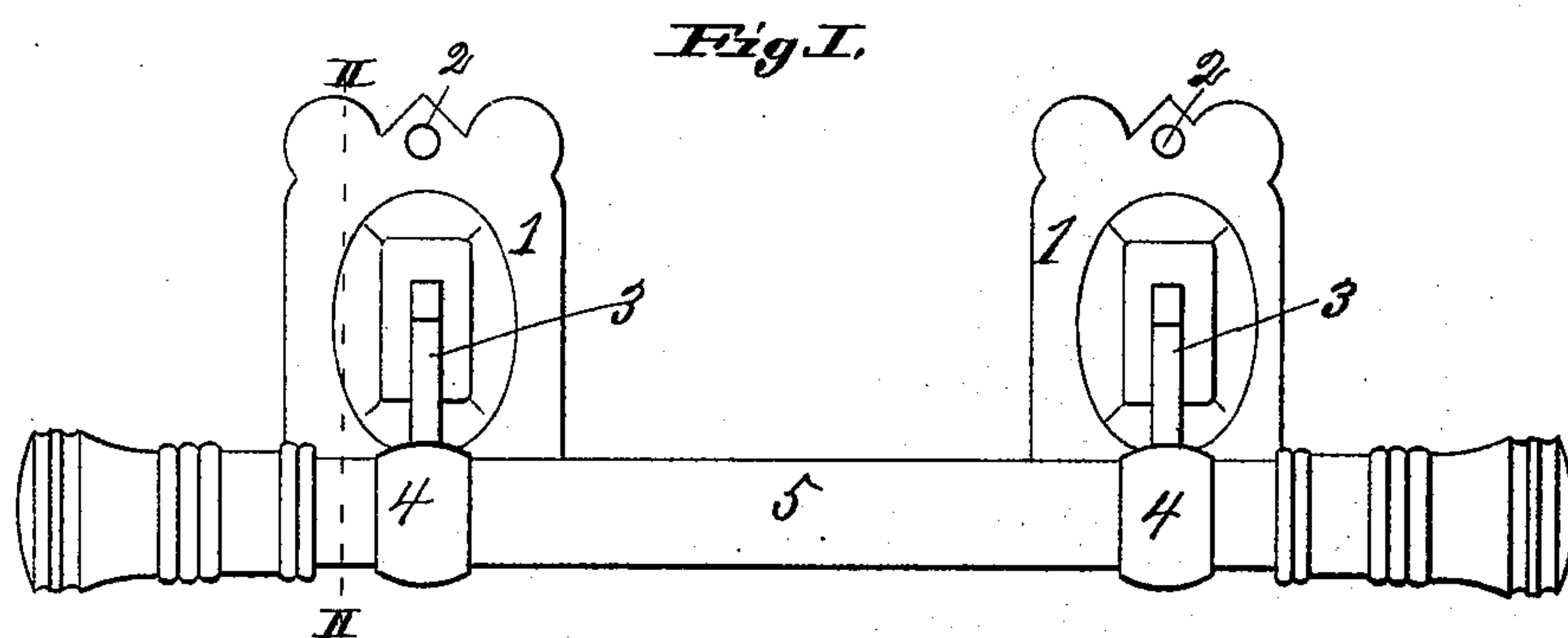


(No Model.)

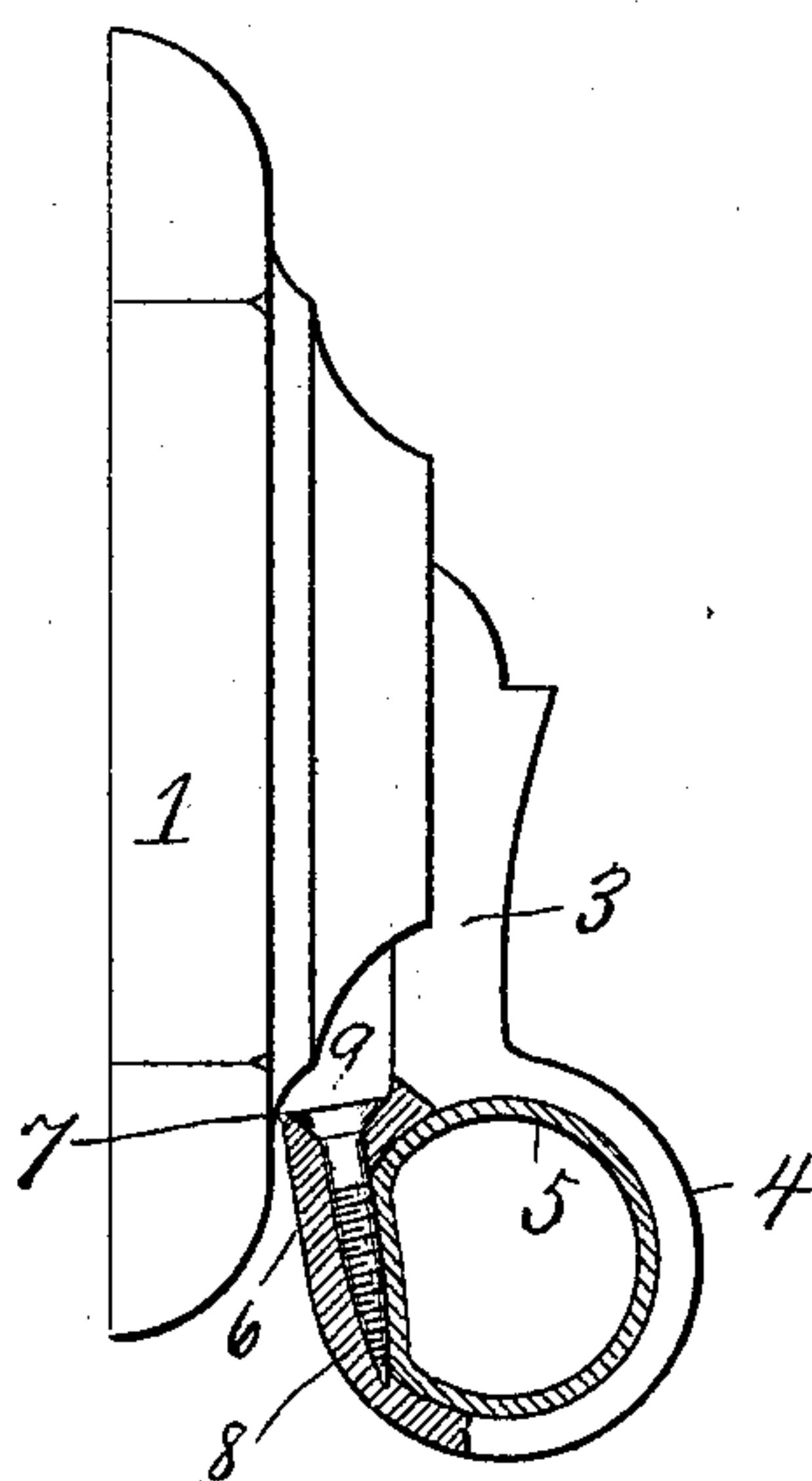
L. G. KREGEL.  
COFFIN HANDLE.

No. 519,678.

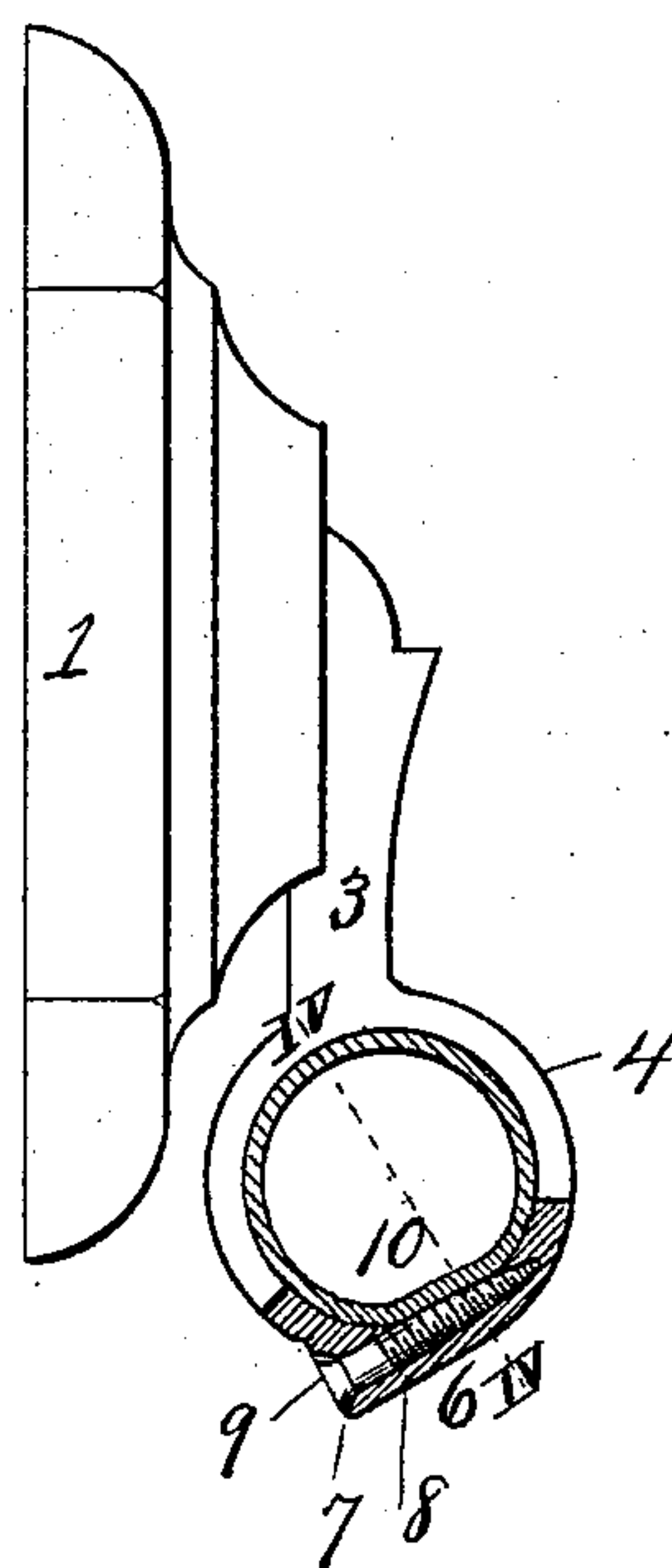
Patented May 8, 1894.



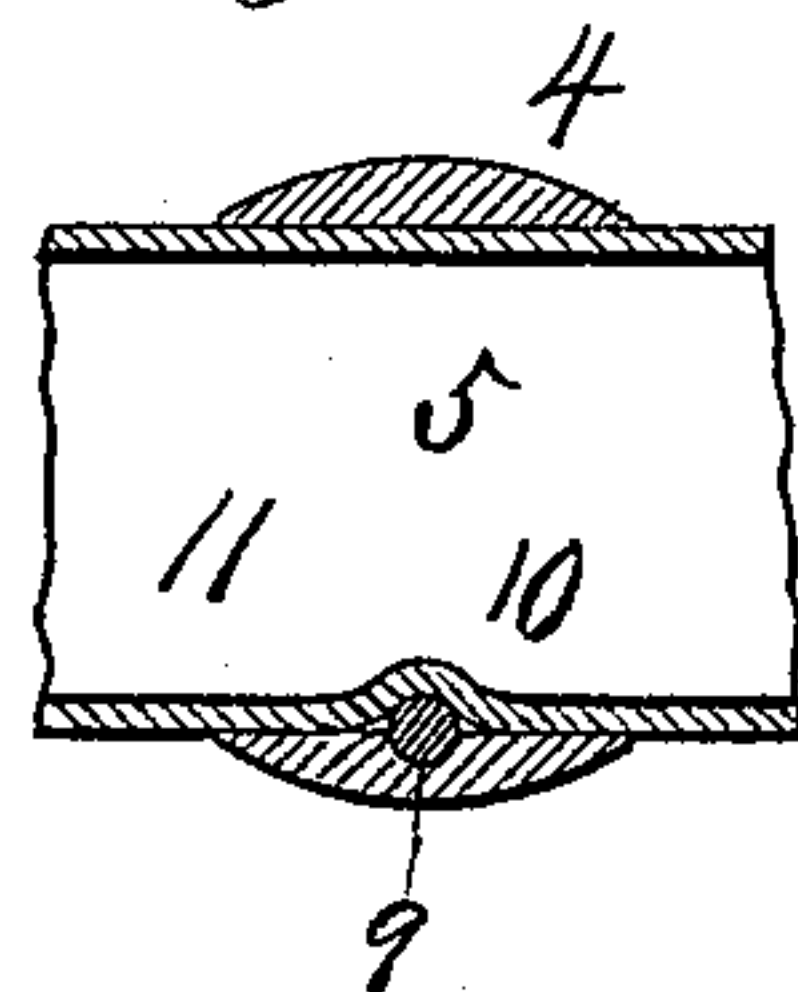
*Fig. II.*



*Fig. III.*



*Fig. IV.*



*Attest:*

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*By Knight Bros*

*Attys*

# UNITED STATES PATENT OFFICE.

LOUIS G. KREGEL, OF ST. LOUIS, MISSOURI.

## COFFIN-HANDLE.

SPECIFICATION forming part of Letters Patent No. 519,678, dated May 8, 1894.

Application filed March 30, 1893. Serial No. 468,268. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS G. KREGEL, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Coffin-Handles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to an improved means of securing the rod of a coffin handle to its supporting brackets, the object of the invention being to provide a secure and substantial fastening for the rod, so formed that no play or movement is allowed in the rod. In the construction of coffin handles, it is, and will be recognized as a very material point, that the handle should work as easily and perfectly as possible, and that there should be no hardness in its working. The fastening I employ embraces the feature that it secures the parts evenly, and rigid, and in such manner that when the handle is attached to the coffin, the parts will always move free and easy.

My invention consists in features of novelty hereinafter fully described and pointed out in the claim.

Figure I is a front elevation of a coffin handle. Fig. II is a transverse section through the handle rod, taken on line II—II, Fig. I, and also a section through a portion of the pivoted rod supporting arm, showing the fastening screw in position. Fig. III is a similar view to Fig. II, with the exception that the location of the fastening is varied. Fig. IV is a detail, longitudinal section, taken on line IV—IV, Fig. III, illustrating a portion of the handle rod, rod arm, and fastening screw.

Referring to the drawings, 1 represents the plates by which the handle is connected to the coffin, through means of screws or other suitable fastenings inserted through openings 2 at the upper and lower ends of such plates.

3 are the rod supporting arms pivoted in the plates 1, the said arms having formed on their lower free ends the circular collars 4, in which collar the handle rod 5 is inserted and secured. At one side of the collar 4 I form a projection 6, which is formed with a level face at 7. The material of which the arms and collars are produced is a soft metal. At the point 7 I form a hole 8, which may either be

cast in the metal or drilled therein, extending down through the enlarged projection of the collar, the side of said hole opening into the interior of the collar, there being preferably about one-half of the diameter of the hole exposed within the collar 3. In securing the handle rod 5, the rod is inserted into the collar, and a screw 9 preferably a pointed wood screw is inserted into hole 8, and forming its own thread in the soft metal collar, presses inward upon the rod preferably of harder metal than the collar, to the extent that where the rod is of tubing, a depressed portion 10 is produced, forming a groove 11, (see Fig. IV,) in which the screw rests. My invention is equally applicable where wood, &c., is the material used for the rod, a depression of course not being formed, but the screw cuts a groove in the rod, on its insertion, as will be readily understood.

It has commonly been the practice in the construction of coffin handles, of the nature to which my invention relates, to secure the rod by means of a set screw passing directly through the collar, and its end entering into the rod, but this arrangement has proved very unsatisfactory, for the reason that the screw has but a straight bearing into the rod, and movement is allowed between the rod and the collar of the supporting arm, as a consequence of which it is quite commonly the case that when a handle is attached to a coffin, the securing plates are set out of line, causing the pivoted bar supporting arms to bind in their bearings, so that the parts will not work smoothly, and it has been practically demonstrated that this difficulty is remedied and avoided by the use of my fastening, which holds the parts rigidly, and in their proper relations.

I claim as my invention—

In a coffin handle, the combination of the pivoted arms, collars on said arms, a handle rod fitting in said collar, a projection on the side of said collar, and a screw, or its equivalent inserted through said projection in such manner that its side bears against the surface of the handle rod; substantially as described.

LOUIS G. KREGEL.

In presence of—

E. S. KNIGHT,  
ALBERT M. EBERSOLE.