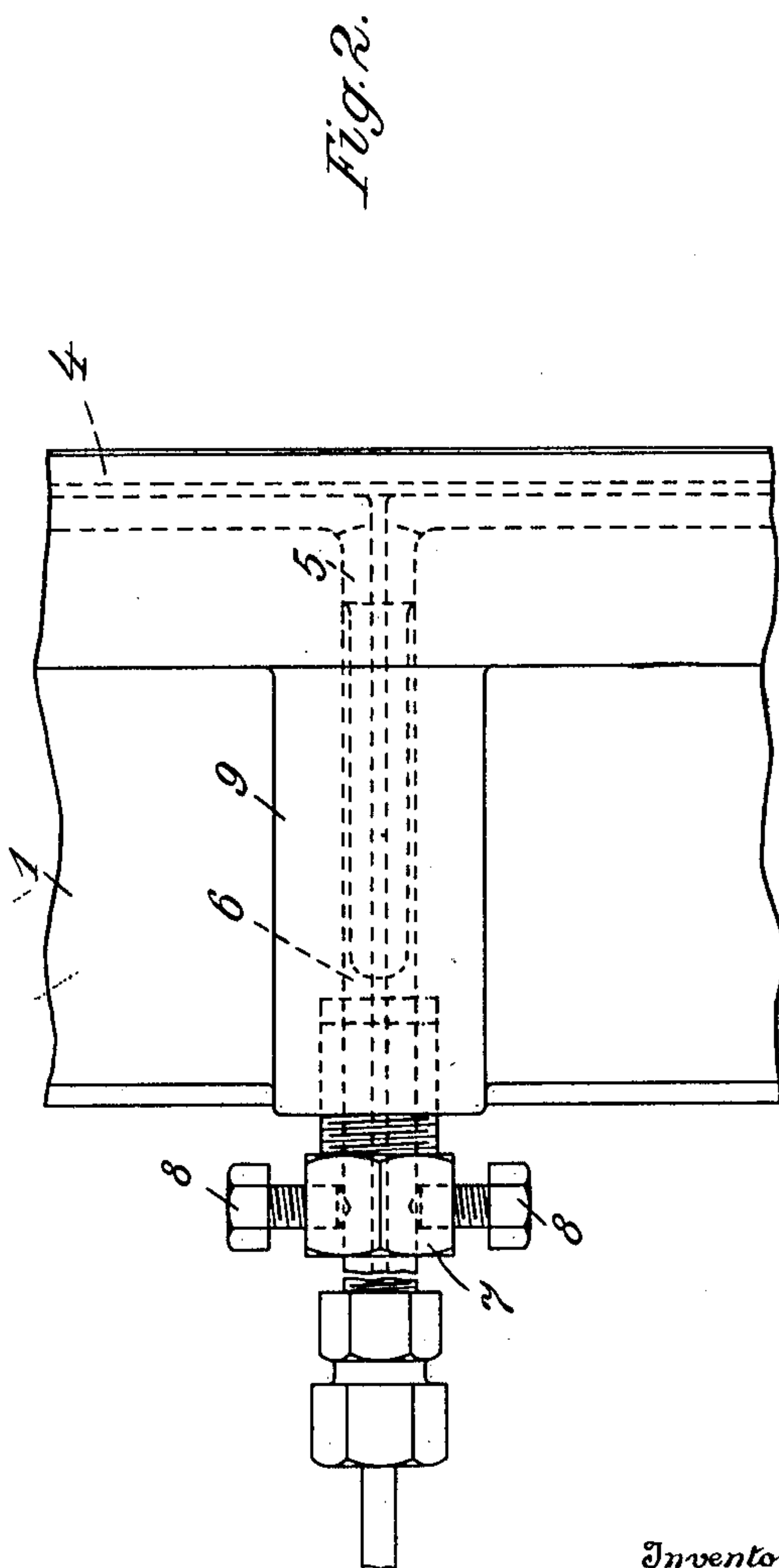
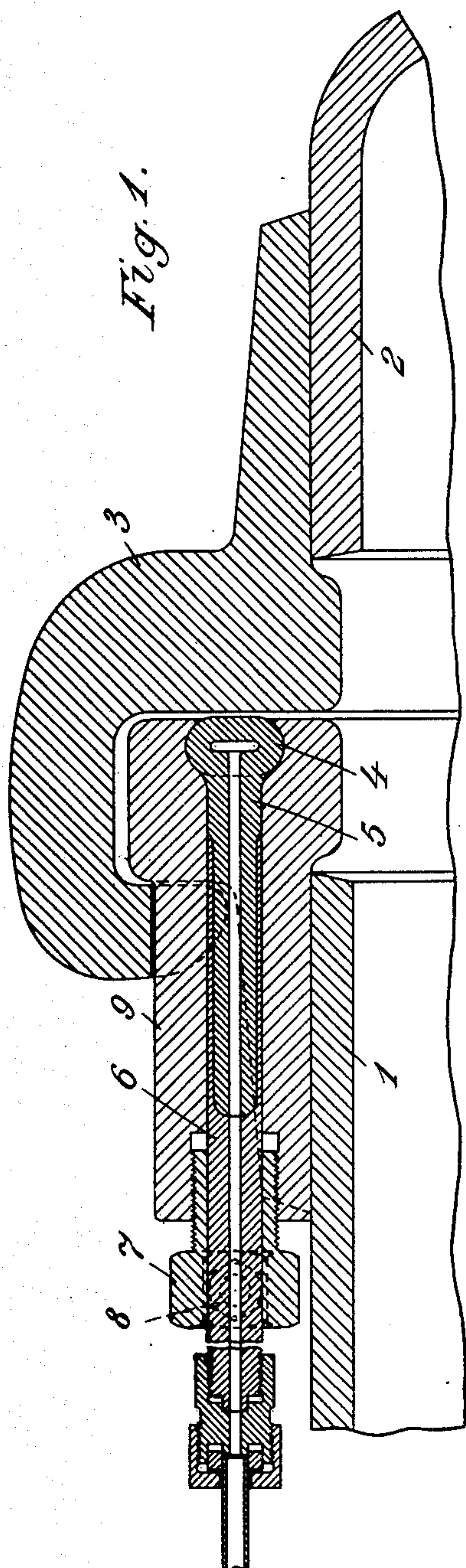


No. 892,765.

PATENTED JULY 7, 1908.

F. SEEBECK.
JOINT MAKING PACKING DEVICE.
APPLICATION FILED JULY 8, 1907.



Witness

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UNITED STATES PATENT OFFICE.

FRIEDRICH SEEBECK, OF GEESTEMÜNDE, GERMANY.

JOINT-MAKING PACKING DEVICE.

No. 892,765.

Specification of Letters Patent.

Patented July 7, 1908.

Application filed July 8, 1907. Serial No. 382,764.

To all whom it may concern:

Be it known that I, FRIEDRICH SEEBECK, manufacturer, a subject of the King of Prussia, residing at Geestemünde, German Empire, have invented new and useful Improvements in Joint-Making Packing Devices, of which the following is a specification.

My invention relates to a joint-making packing device, more particularly adapted for use with steam drums having a sliding closure, of the kind described in my United States application Ser. No. 355,886, filed on 5th February 1907.

My invention is illustrated in the accompanying drawing, in which one form of construction of the new device is shown applied to a steam drum furnished with a sliding cover.

Figure 1 is a longitudinal section through the inlet-pipe of the device, with adjacent portions of the drum and its cover. Fig. 2 is a side elevation of the parts, the cover being omitted.

Practical trials with various packings have proved that for closures of the kind in question a simple leaden pipe, without the use of rubber, is the best and cheapest packing medium and the one which can be most readily renewed.

The purpose of my invention is to provide means for maintaining such a tubular leaden packing intact.

In the drawing, 1 is a steam drum, 2 the sliding cover thereof, 3 the grooved rim of the latter, 4 the tubular leaden packing, and 5 the inlet-pipe for admission of the pressure-agent into the leaden pipe.

In order that the lead pipe—which is relatively thick—may be sufficiently firmly forced against the faces of the drum and cover to afford a thoroughly tight joint, there must, as I have ascertained by experiments, be a pressure of some 70 or 80 atmospheres in the pipe. Such a pressure, however, would infallibly burst or break off the inlet-pipe 5 and drive it out of the stuffing-box. To obviate this danger, I provide a metal tube 6, and solder or otherwise suitably fix the inlet-pipe 5 therein. The tube 6 is secured to the flange 9 by means of a tubular threaded connection 7 and screws 8. In this manner the inlet-pipe is firmly held in position and can not be detrimentally affected by the high pressure, which only tends to render the joint more effective.

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

A packing device for steam drums and other receptacles, comprising a leaden pipe for a pressure agent, a metal tube in which is fixed the leaden tubular inlet for the pressure agent, an externally threaded tubular connecting-piece passed over the tube and adapted to be screwed on to the receptacle, and means for holding the connecting-piece and the metal tube together.

In witness whereof I have hereunto signed my name this 24th day of June, 1907, in the presence of two subscribing witnesses.

FRIEDRICH SEEBECK.

Witnesses:

L. GARRELS,
H. RAHUSEN.