

C. J. HARRISON.
FEED GAGE FOR PRINTING PRESSES.
APPLICATION FILED JULY 13, 1908.

924,777.

Patented June 15, 1909.

Fig 1

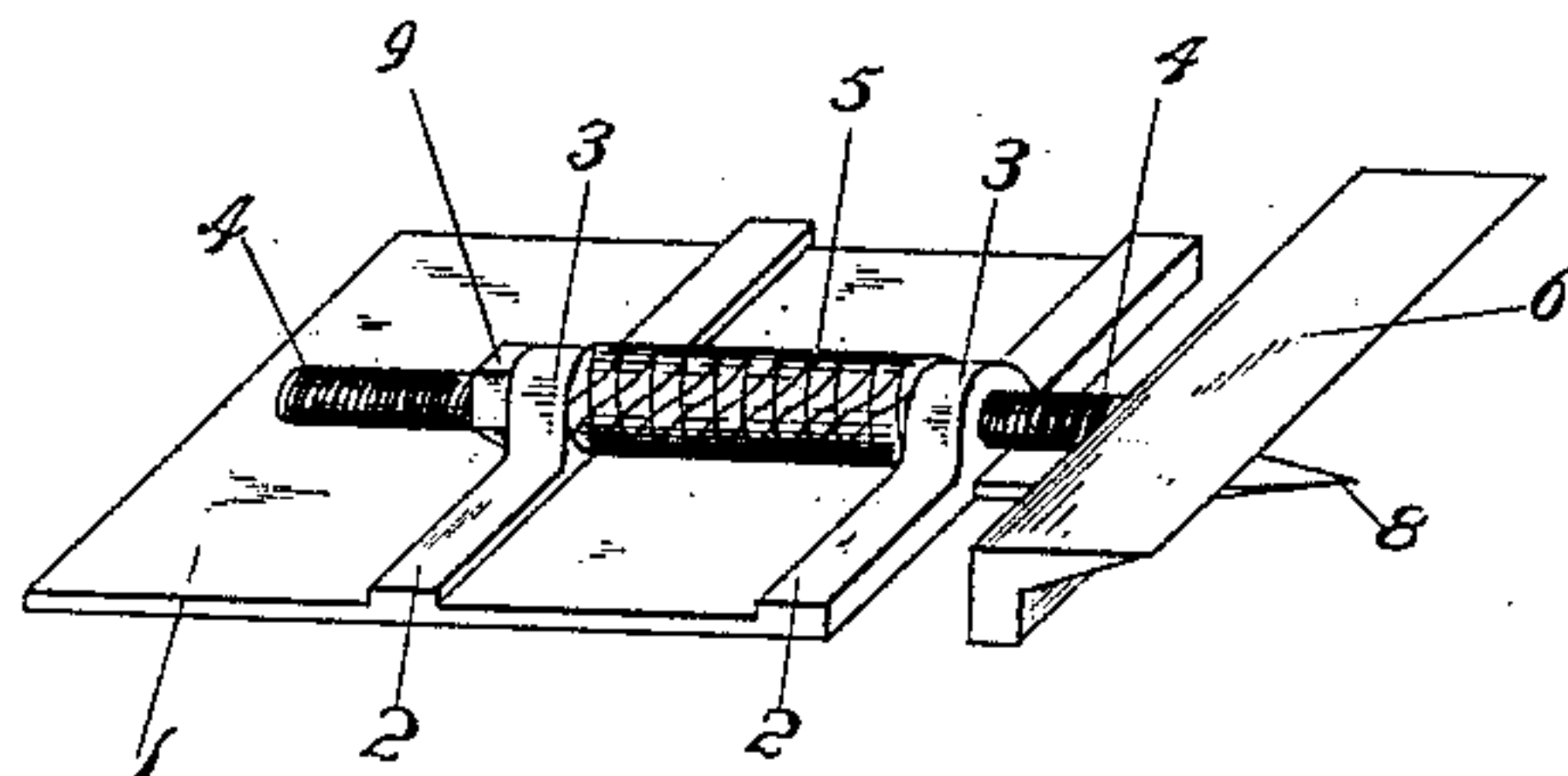


Fig 2

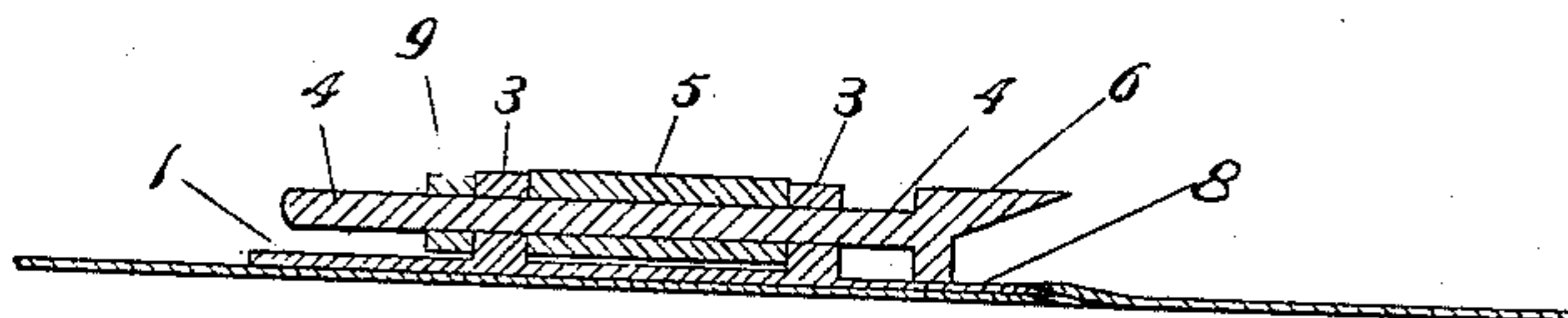
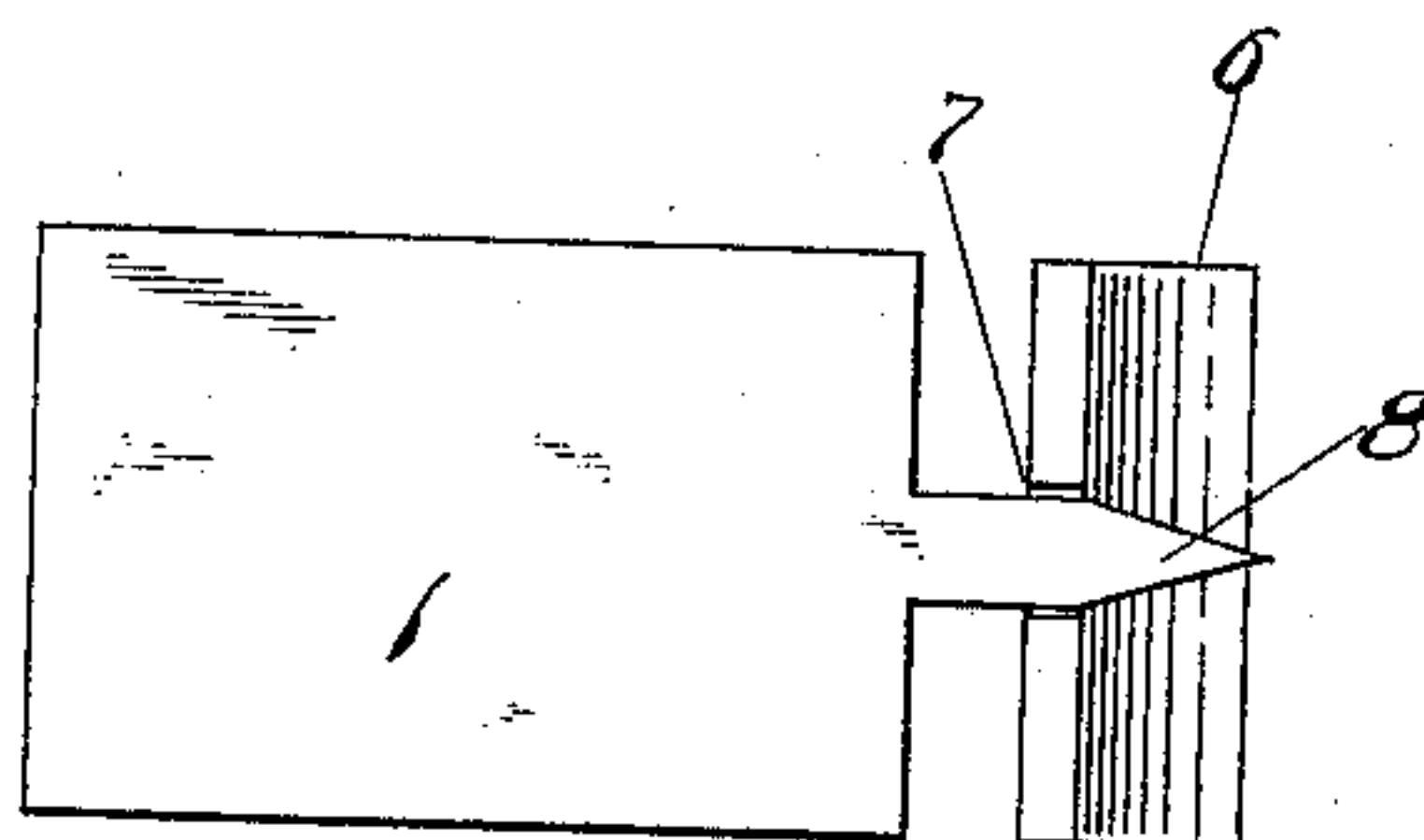


Fig 3



Witnesses

William F. Smith
Darwin Seymour

Inventor

Charles J. Harrison

By Joshua R. Hottel
Atty.

UNITED STATES PATENT OFFICE.

CHARLES J. HARRISON, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO GEORGE H. LUND, OF CHICAGO, ILLINOIS.

FEED-GAGE FOR PRINTING-PRESSES.

No. 924,777.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed July 13, 1908. Serial No. 443,191.

To all whom it may concern:

Be it known that I, CHARLES J. HARRISON, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Feed-Gages for Printing-Presses, of which the following is a specification.

My invention relates to improvements in feed-gages for printing-presses, the object being to provide a gage which may be securely attached to the tympan-sheet without puncturing the same, it being well known that the usual practice of attaching gages results in numerous punctures in the tympan-sheet causing its rapid deterioration.

A further object is to provide adjusting means in a gage, and also means for locking the adjustment if so desired by the operator.

Further objects will appear hereinafter.

With these objects in view, my invention consists in a gage provided with a comparatively large base the bottom surface of which is level and adapted to be secured by glue or other adhesive to the tympan-sheet.

My invention further consists in an adjustable member and in a locking-nut adapted to render the adjustment secure.

My invention further consists in a pointed member adapted to pierce the tympan-sheet the object being not to make the gauge more secure with the tympan-sheet but to insure that the edge of the paper to be printed shall engage the gage-head and not slip under the same.

My invention further consists in various details of construction and arrangements of parts all as will be hereinafter fully set forth and particularly pointed out in the claim.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which—

Figure 1 is a perspective view showing the complete gage, Fig. 2 is a central vertical longitudinal section, and Fig. 3 is a bottom elevation.

Referring now to the drawings, 1 indicates the base, the bottom surface of which is level

and of a comparatively large area. The transverse raised portions 2 integral with the base 1 are provided with central perforated lugs 3 adapted to receive a threaded longitudinally adjustable member 4. The perforations in the lugs 3 are not threaded, the member 4 being adapted to move freely in said perforations. A knurled adjusting nut 5 interposed and adapted to move freely between the lugs 3 is tapped to receive the threaded member 4. The gage-head 6 integral with the threaded member 4 is provided with an overhanging portion and a slot 7 adapted to make clearance for a pointed member 8 extending horizontally from and integral with the base 1. The member 8 is adapted to pierce the tympan-sheet in order to prevent the edge of the paper to be printed from slipping under the gage. A lock-nut 9 is adapted to secure the adjustment of the gage.

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

In a gage for printing - presses, a base adapted to be glued to the tympan-sheet, transversely extending raised portions integral with said base, perforated lugs centrally located in said raised portions, a slidable and adjustable threaded member mounted in the perforations of said lugs, an adjusting nut threaded to receive said threaded member, a locking nut on said threaded member adapted to abut one of said lugs, a gage-head integral with said threaded member provided with an overhanging flange and a slot, a pointed member extending horizontally from said base and adapted to pierce said tympan-sheet and said slot being adapted to make clearance for said pointed member, substantially as described.

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

CHARLES J. HARRISON.

Witnesses:

HELEN F. LILLIS,
JANET E. HOGAN.