

No. 869,901.

PATENTED NOV. 5, 1907.

H. HAHN.
TAPPET.

APPLICATION FILED JAN. 17, 1907.

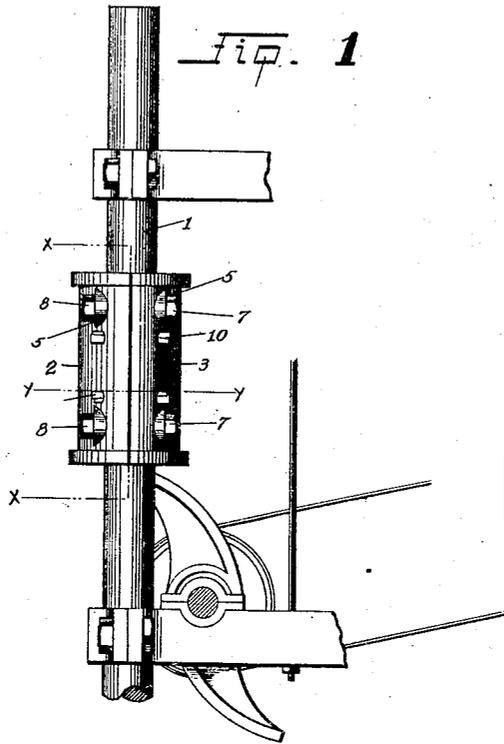


Fig. 1

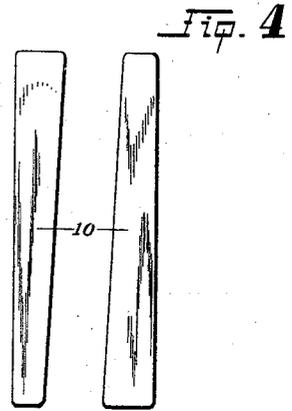


Fig. 4

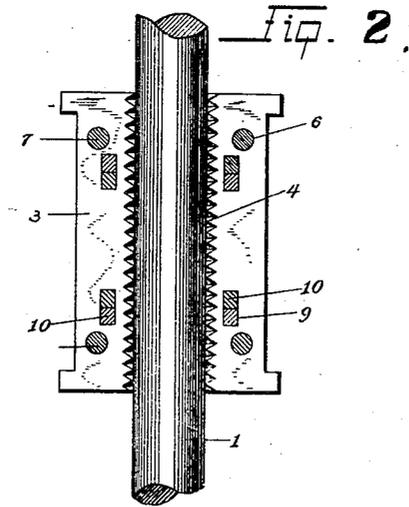


Fig. 2

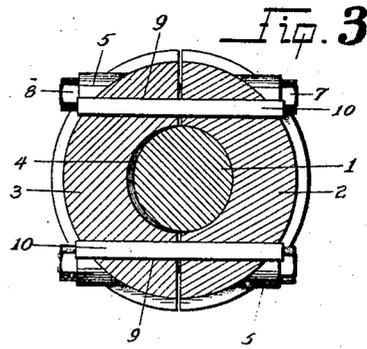


Fig. 3

Witnesses
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UNITED STATES PATENT OFFICE.

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TAPPET.

No. 869,901.

Specification of Letters Patent.

Patented Nov. 5, 1907.

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To all whom it may concern:

Be it known that I, HENRY HAHN, a citizen of the United States, residing at Stockton, in the county of San Joaquin, State of California, have invented certain new and useful Improvements in Tappets; and I do declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and the characters of reference marked thereon, which form a part of this application.

This invention relates to improvements in tappets used for stamp mills, my object being to produce such a tappet as will be strong and effective, which may easily be removed when desired; and one which can be easily manufactured and installed. These objects I accomplish by means of a two piece tappet provided with an interior biting surface adapted to engage with the rod, and a novel means for binding said two pieces securely together on the rod; also by such other and further construction as will appear by a perusal of the following specification and claims.

In the accompanying drawings similar characters of reference indicate corresponding parts in the several views.

Figure 1 is a side elevation showing my improved tappet installed in position. Fig. 2 is a view enlarged taken on a line X X of Fig. 1. Fig. 3 is cross section enlarged taken on a line y-y of Fig. 1. Fig. 4 is a side elevation of two of the locking keys.

1 designates the rod to which the tappet is secured. On said rod is secured a tappet composed of two pieces 2 and 3, the interior surfaces of said pieces 2 and 3 being provided with biting threads 4 or any other suitable biting surface. Arranged at the top and bottom of each of said pieces 2 and 3 and on each side thereof are lugs 5. Said lugs are provided with orifices 6 extending in alinement through the pieces 2 and 3 and adapted to receive clamp bolts 7 carrying nuts 8. Extending through the said pieces 2 and 3 at points nearer the rod

1 than are orifices 6 are key slots 9, arranged in similar order as are the orifices 6 in the said pieces 2 and 3. 10 are wedge keys adapted to fit from opposite sides into the slots 9 for the purpose as will appear.

In practice the pieces 2 and 3 are placed over the rod 1 as shown in Fig. 1. The wedge keys 10 are then inserted in the slots 9 and driven up tight thus binding the two pieces 2 and 3 tightly together on the said rod 1. The bolts 7 are then inserted into the orifices 6, and the nuts 8 mounted thereon and tightened as much as is possible thus holding the parts 2 and 3 in their tightened position on the rod 1, and thus aiding and increasing the security of the tightening caused by the keys 10. The rough biting surfaces 4 grip the rod 1 thus also aiding to hold the tappet in a fixed position. Thus it will be seen that I have produced a simple form of tappet which substantially fulfils the objects of the invention as set forth in the preamble of this specification.

This specification sets forth in detail the present and preferred embodiment of my invention. In practice however deviations from such detail may be resorted to within the scope of the claims without departing from the spirit of my invention.

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

In a device of the class described, a body comprising two members having flat contiguous faces and with oppositely disposed semi-circular cavities in said faces, the flat contiguous faces extending radially of the cavities and in alinement transversely of the cavities, said cavities having internal spaced serrations adapted to engage a rod and said members having transverse slots at opposite sides of the cavities, reversely-arranged wedges received in said slots from opposite sides of the body portions, and clamp bolts uniting the body members.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY HAHN.

Witnesses:
PERCY S. WEBSTER,
JOSHUA B. WEBSTER.