Nov. 11, 1941. A. P. STEWART 2,262,474

TEMPLET

Filed Aug. 11, 1939

Fig. 1.

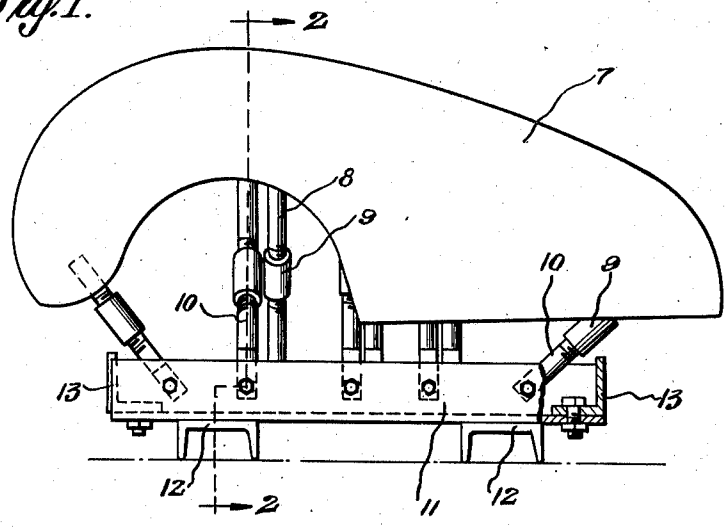


Fig. 2.

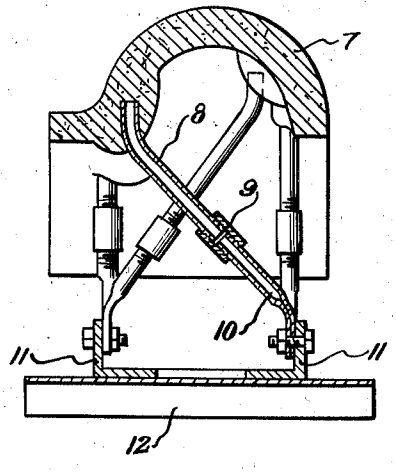


Fig. 3.

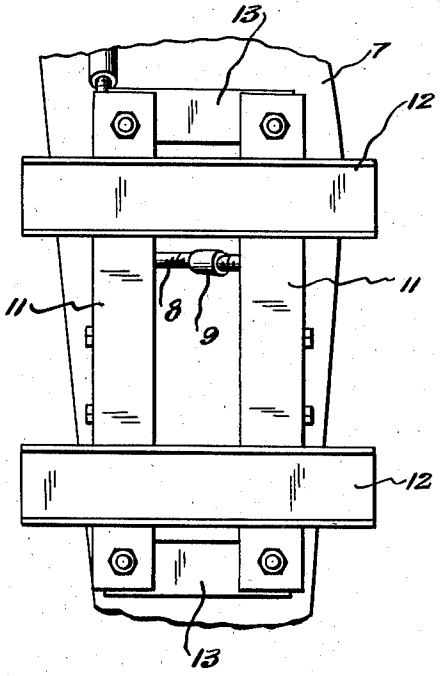
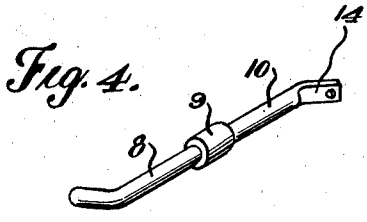


Fig. 4.



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TEMPLET

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7 Claims. (Cl. 90—62)

My invention relates to a new and useful improvement in a templet adapted for use on profiling and reproducing machines in which a templet is used as a contact body over the surface of which is directed a guide or control spindle. In the use of such templets, it is customary to mount the templet adjacent the work performing machine which has a tool operating upon the work piece in response to the movement of the guide or control spindle. It is necessary that the templet bear a relation of position to the working mechanism or the work piece in order that proper reproduction may be effected. To accomplish this, various types of adjusting the attaching mechanism whereby the templet is secured to a supporting body have been resorted to.

The present invention relates particularly to the adjusting mechanism of a templet whereby the templet body may be tilted into various positions relatively to the attaching member which is connected to the support of which used.

It is another object of the present invention to provide a simple and unexpensive means for securing a templet body to an attachment member in such a manner that its position relatively thereto may be easily and quickly adjusted.

Another object of the invention is the provision of a templet body of this class having a plurality of securing legs projecting therefrom and provided with an adjusting mechanism whereby said legs may be lengthened or shortened at will.

Other objects will appear hereinafter.

The invention consists in the combination and arrangement of parts herein shown and described.

The invention will be best understood by a reference to the accompanying drawing which forms a part of this specification and in which

Fig. 1 is a side elevational view of the invention,

Fig. 2 is a sectional view taken on line 2—2 of Fig. 1,

Fig. 3 is a bottom plan view of the invention with a part broken away,

Fig. 4 is a perspective view of one of the legs used in the invention.

In the drawing, I have illustrated the invention used with a templet body 7 which is formed of shell-like or concave construction and provided with a hard contact face over which the guide or control spindle is to be passed. Secured at one of their ends to the body 7 are leg sections 8 connected by threaded coupling 9 to one end of a leg section 10, the other end of which is secured to the side rails 11 of an attaching frame, these side rails being connected together by the end rails 13 and the cross bars 12 projecting at their opposite ends beyond the side rails 11. These leg sections 8 and 10 are preferably made tubular, the leg 10 being flattened as of 14 to facilitate its bolting to the side rails 11.

Thus, I have illustrated a templet body 7 connected to a frame. The cross bars 12 serve as a means for connecting this frame to the supporting body which is present adjacent the profiling or reproducing machine. With the present invention, the frame may be mounted to the supporting body regardless of variations in its position relatively to the profiling machine, since the angularity of the body 7 relatively to the frame may be adjusted by means of the coupling 9 which operates in conjunction with the leg sections 8 and 10 as a turn buckle. It is obvious that by lengthening or shortening the connecting leg formed from the leg sections and the coupling 9, the angularity of the body 7 relatively to the frame may be determined. While I have illustrated and described the preferred form of construction, I do not wish to limit myself to the precise details of structure shown, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

What I claim as new is:

1. A templet of the class described comprising a templet body; an attachment frame adapted for an attachment to a supporting body; a plurality of legs connecting said body to said frame; and means associated with each of said legs for adjusting the length of the same.

2. A templet of the class described comprising a templet body; an attachment frame adapted for attaching to a supporting body, a plurality of legs for connecting said body to said frame, each of said legs comprising a pair of sections; and adjusting means for connecting said sections together and adjusting the lengths of said legs.

3. A templet of the class described comprising a templet body; a plurality of legs connecting at one of their ends to said body and projecting outwardly therefrom, each of said legs comprising a pair of sections; and means for connecting the sections of the legs together and adjusting the lengths of said legs.

4. A templet of the class described comprising: a templet body; a plurality of supporting legs connecting at one of their ends to said body and projecting outwardly therefrom; and adjusting means for adjusting the lengths of said legs.

5. A templet of the class described comprising a templet body having oppositely disposed sides, a plurality of supporting legs at each of said sides and connected at one of their ends to said body and projecting outwardly therefrom, each of said legs comprising a pair of sections; and means for connecting the sections of the legs together and adjusting the length of said legs.

6. A templet of the class described, comprising: a templet body having oppositely disposed sides; an attachment frame adapted for attachment to said templet body; a plurality of legs for connecting said body to said frame; and adjusting means for regulating, adjusting and determining the angularity of said templet relatively to said frame.

7. A templet of the class described, comprising: a templet body; an attachment frame adapted for attachment to said templet body; a plurality of legs for connecting said body to said frame, each of said legs comprising a pair of sections; and means associated with said legs for adjusting, regulating and determining the angularity of said templet body relative to said frame.

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