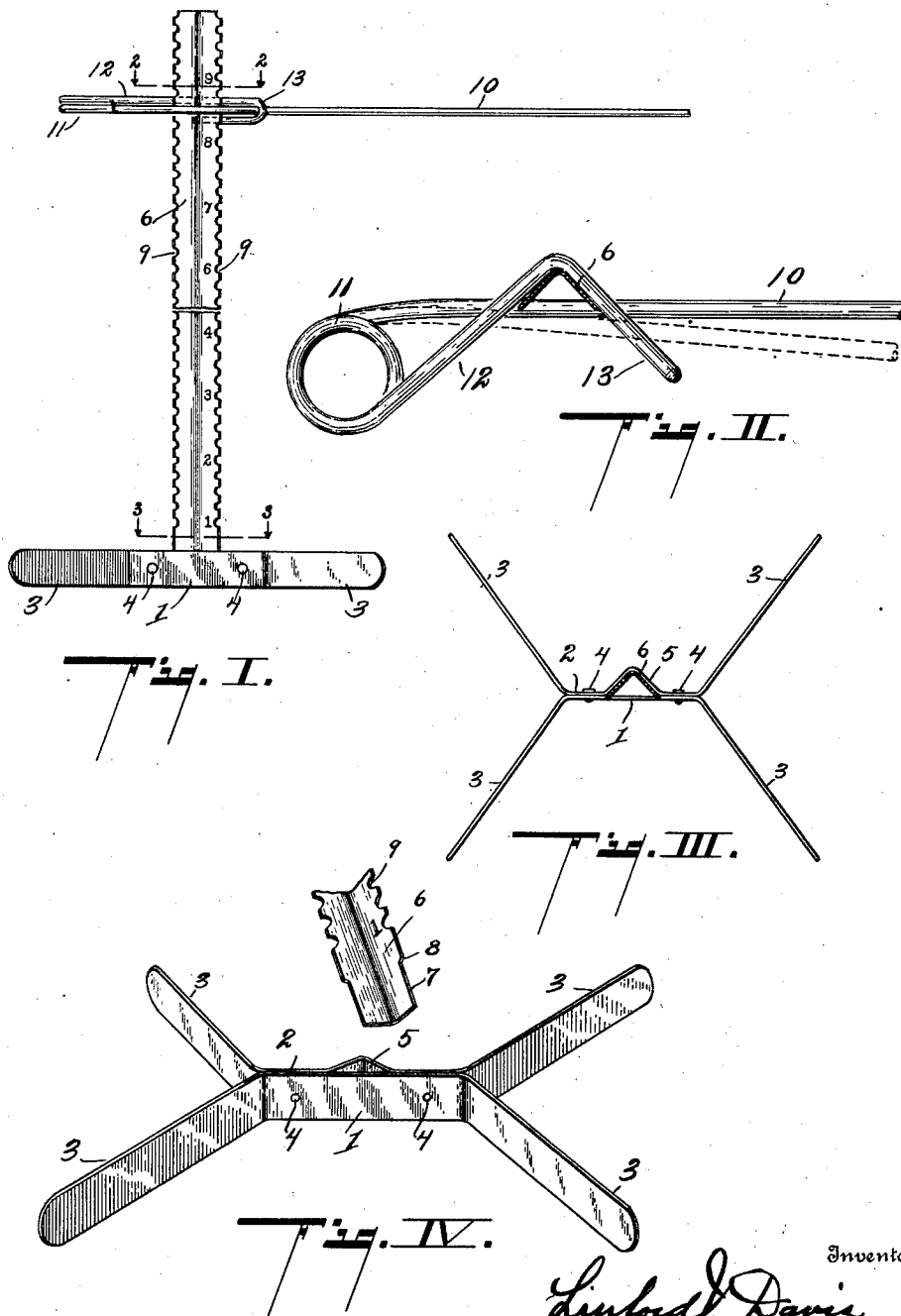


L. J. DAVIS.
 SKIRT GAGE.
 APPLICATION FILED OCT. 20, 1910.

1,003,239.

Patented Sept. 12, 1911.



Witnesses
 L. G. Greenfield
 M. L. Glasgow.

Inventor
 L. J. Davis
 by Clappert & Earl
 Attorneys

UNITED STATES PATENT OFFICE.

LINFORD J. DAVIS, OF BATTLE CREEK, MICHIGAN.

SKIRT-GAGE.

1,003,239.

Specification of Letters Patent. Patented Sept. 12, 1911.

Application filed October 20, 1910. Serial No. 588,140.

To all whom it may concern:

Be it known that I, LINFORD J. DAVIS, a citizen of the United States, residing at Battle Creek, Michigan, have invented certain new and useful Improvements in Skirt-Gages, of which the following is a specification.

This invention relates to improvements in skirt gages.

The main object of this invention is to provide an improved skirt gage which is very simple and economical in structure, and, at the same time, satisfactory in use, and one which can be readily set up or knocked down.

Further objects, and objects relating to structural details, will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification.

The invention is clearly defined and pointed out in the claims.

A structure which is a preferred embodiment of my invention, is clearly illustrated in the accompanying drawing, forming a part of this specification, in which:

Figure 1 is a side elevation of my improved skirt gage. Fig. 2 is a horizontal section taken on a line corresponding to line 2—2 of Fig. 1, the base not being shown. Fig. 3 is a horizontal section taken on a line corresponding to line 3—3 of Fig. 1. Fig. 4 is a detail perspective of the base and of the standard, disassembled.

In the drawing, similar reference characters refer to similar parts throughout the several views, and the sectional views are taken looking in the direction of the little arrows at the ends of the section lines.

Referring to the drawing, the base is preferably made up of two parts, 1 and 2, having out-turned ends 3 forming diverging feet. These members are formed of strips of sheet metal arranged back to back and secured by the rivets 4. The member 2 is provided with a V-shaped offset 5 to provide a socket for the standard 6. The standard is V-shaped or channel shaped in cross section, and is also formed of sheet metal. Its lower end is slightly reduced at 7 to fit the socket and to provide shoulders 8, which rest on the upper edge of the base member 1. The edges of the standard are notched or serrated, at 9, the serrations being in alinement to receive the gage rod 10. A suitable scale is provided

for the standard, as shown. The gage rod 10 is formed of wire coiled to form a spring 11 at one end, one end of the spring being extended into the standard-engaging arm or member 12. This engaging member 12 is V-shaped and is disposed across the rod 10 to embrace the rear side of the standard, clamping the gage rod in the notches 9. The end of the member 12 is formed into a loop 13, to receive the rod 10, which prevents the twisting of the gage rod upon the standard, and the end of the loop also serves as a thumb piece. In adjusting the gage member, the rod 10 is grasped in the fingers and the clamping members 12 pressed rearwardly by the thumb on the loop 13.

My improved skirt gage is very simple and economical in structure, and can be readily adjusted and is efficient for the purposes intended. I have illustrated and described the same in detail in the form in which I have embodied the same for the market. I am aware, however, that it is capable of considerable variations in structural details without departing from my invention, but as these modifications will be obvious to those skilled in the art to which this invention relates, I have not attempted to illustrate or describe such modifications herein.

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

1. A skirt gage comprising a sheet metal standard, V-shaped in cross section; a base therefor formed of two sheet metal members having diverging feet portions at their ends, said members being arranged on edge and secured together back to back, one of the members having a V-shaped offset therein to provide a socket for said standard, and a gage arm adjustably mounted on said standard.

2. In a skirt gage, the combination with a standard, of a base formed of two sheet metal members, each having an out-turned foot portion at least at one end, said members being arranged and secured back to back by rivets arranged therethrough, one of the members having an off-set therein to provide a socket for said standard, there being a rivet at each side of the off-set, and a gage arm adjustably mounted on said standard.

3. A skirt gage comprising a base, a standard V-shaped in cross section, and an adjust-

able gage rod having a spring coil therein and a V-shaped extension for said coil adapted to receive said standard, the end of said extension being provided with an engaging loop for said gage rod, the edges of said standard being serrated to provide gaging notches for said gage rod.

4. A skirt gage comprising a base, a standard V-shaped in cross section, and an adjustable gage rod having a spring coil therein and a V-shaped extension for said coil adapted to receive said standard, the edges of said standard being serrated to provide gaging notches for said gage rod.

5. A skirt gage comprising a base; a standard; and an adjustable gage member provided with a spring and a standard engaging extension for said spring disposed across

said gage member to engage the rear side of said standard and clamp said gage member thereto.

6. A skirt gage comprising a base; a standard; and an adjustable gage rod provided with a spring and a standard engaging extension for said spring, said extension being disposed across said gage rod to engage the rear side of said standard, the end of said extension being provided with an engaging loop for said rod.

In witness whereof, I have hereunto set my hand and seal in the presence of two witnesses.

LINFORD J. DAVIS. [L. s.]

Witnesses:

MAUD MCKEE,
BERNICE HALBERT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."