March 1, 1938. A. H. GRIMPE 2,109,994

COMBINED SCAFFOLD, IRONING BOARD, AND TABLE

Filed April 2, 1937

FIG 1

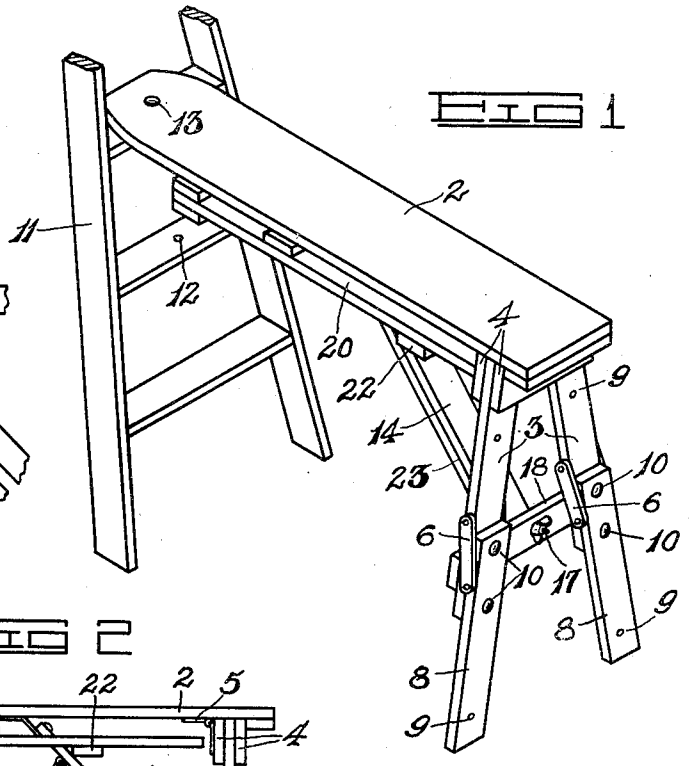


FIG 5

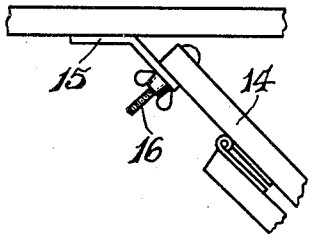


FIG 2

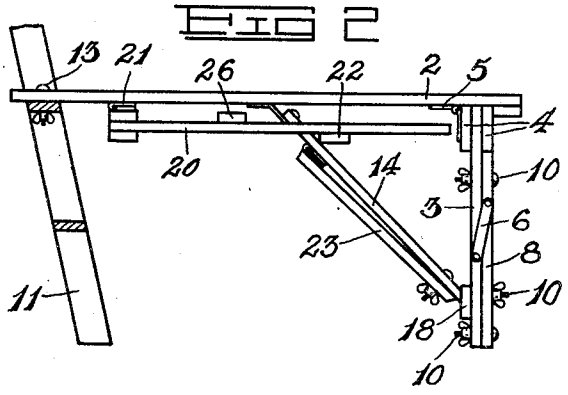


FIG 4

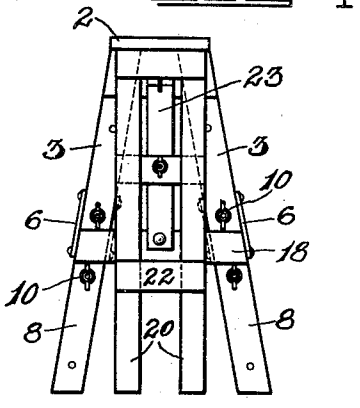
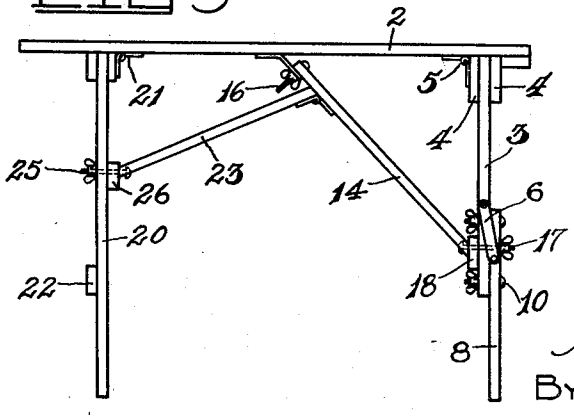


FIG 3



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Patented Mar. 1, 1938 2,109,994

UNITED STATES PATENT OFFICE

2,109,994

COMBINED SCAFFOLD, IRONING BOARD, AND TABLE

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Application April 2, 1937, Serial No. 134,546

1 Claim. (Cl. 304—3)

This invention relates to a combined scaffold, table and ironing board.

An object of the invention is to provide a structure of the character referred to which is so constructed as to be readily folded into a compact unit so as to require but a minimum of space for storage.

Another object of the invention is to provide a device capable of being utilized as a scaffold and having means whereby the same may be associated with a step ladder and being adjustable in height so as to be conveniently accommodated by any of several steps of the ladder.

Another object of the invention is to provide a simple and inexpensive device of the character referred to which is rigidly constructed so as to sustain the weight of a person using the same as a scaffold.

Another object is to provide a device of the character referred to which may conveniently be converted into either a scaffold, table or ironing board without the use of tools or any implements.

With these and other objects in view, the invention resides in the features of construction, arrangement of parts, and combinations of elements which will hereinafter be described, reference being had to the accompanying drawing, in which—

Figure 1 is a perspective view of the device illustrating its use as a scaffold;

Figure 2 is a side elevation of the same, the scaffold having been adjusted in height so as to accommodate itself to the next lower step of the ladder than that shown in Fig. 1;

Figure 3 is a side elevation of the device when converted into a table or ironing board;

Figure 4 is an end view of the device when used as a table or ironing board; and

Figure 5 is a detailed fragmentary view showing the attachment of the knee brace to the platform.

Referring to said drawing, the reference numeral **2** designates a rectangularly-shaped platform, preferably a wood plank, the forward end thereof being nosed or rounded. Provided at one end of said platform are the upper sections **3** of a pair of divergently inclined supporting legs. Said sections **3** are attached at their upper ends between two cross members **4**, the inner cross member **4** being attached to the under face of the platform by a hinge **5**. Thus, the upper sections **3** are hingedly connected to the platform **2**.

Links **6** have one end thereof pivotally attached to the opposite edges of each section **3**, and the opposite ends of the links **6** are similarly attached to lower sections **8** of the supporting legs. As is manifest, the lower sections **8** of the legs may be moved upwardly or downwardly with respect to the upper sections **3** so as to afford vertical adjustability to the legs. The pivotal links **6** are of such length that in one position (Fig. 2) they restrict the height so as to correspond with one step of the ladder, and in the other position (Fig. 1) they restrict the height so as to correspond with the next step above.

The sections **3** and **8** are appropriately apertured throughout their lengths, as shown at **9**, to receive bolts **10** in either of the two positions for affording rigidity to the structure. The opposite end of the scaffold is attached to and supported by the appropriate step of the ladder **11**, the steps and the nosed end of the scaffold having apertures **12** for the reception of a bolt **13**.

A knee brace **14** has its upper end fastened to a fixed sheet metal angle **15** by a bolt **16**, the lower end of the brace **14** being attached by a bolt **17** to a cleat **18** connecting the two leg sections **3**.

Legs **20** are connected to the under side of the nosed end of the platform **2** by a hinge **21**, cleats **22** and **26** connecting the two legs **20**. Thus, when the device is used as a scaffold in association with a step ladder, as shown in Figs. 1 and 2, the legs **20** may be retracted or folded beneath the platform **2**, the knee brace **14** being positioned so that it will underlie the cleat **22** for supporting the legs **20** in their retracted, out-of-the-way, position.

When it is desired to utilize the device as a table or ironing board, as shown in Figs. 3 and 4, the ladder is, of course, not employed. The legs **20** are moved from retracted to vertical, platform-supporting, position, and an auxiliary knee brace **23**, which latter is hinged at its upper end to the brace **14**, is fastened by a bolt **25** to the cleat **26**, thus affording a substantial and rigid structure capable of use either as a table or an ironing board.

The structure when used as a scaffold can readily be adjusted to either of the two most popular ceiling heights of a room, and is portable, adapting it for many uses.

What is claimed is—

In a structure of the character described, a substantially rectangular platform adapted to have one of its ends connected to and supported by one of the steps of a ladder, legs adapted to support the opposite end of said platform, each of said legs comprising a plurality of sections joined together by a pivotal connecting link, said link permitting the legs to be adjusted in length so as to accommodate the platform to the level of either of two successive steps of the ladder.

AUGUST H. GRIMPE.