

May 17, 1927.

1,628,949

M. CATHRINE

INVALID SUPPORT

Filed March 31 1926

Fig. 1.

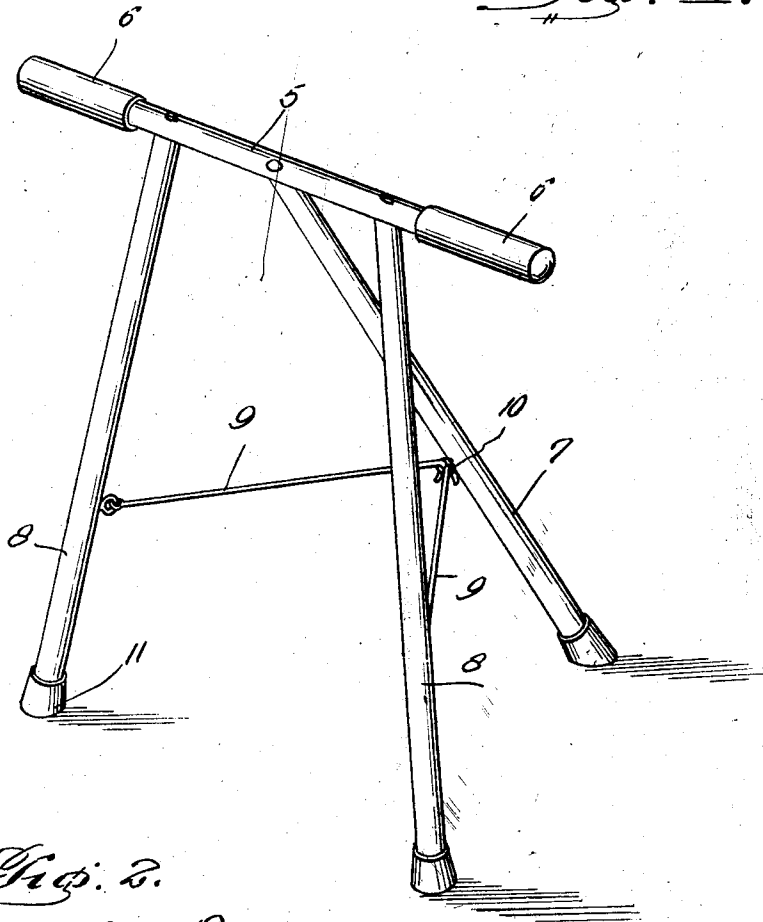
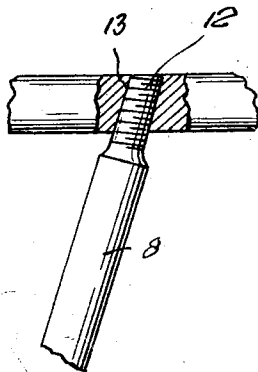


Fig. 2.



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INVALID SUPPORT.

Application filed March 31, 1926. Serial No. 98,811.

This invention relates to supporting devices for assisting invalids and deformed persons in walking, and has for its object to provide a support of this character adaptable for use by such persons who have but slight use of the lower limbs, the same performing the service of crutches but without the attendant limitations and disadvantages of the latter.

A further object is to provide such a support that may be readily disassembled for facilitating the transporting or storage of the same.

With the foregoing and other objects in view as the nature of the invention will be better understood, the same comprises the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawing, and claimed.

In the drawing wherein like reference characters indicate corresponding parts throughout both of the views:

Figure 1 is a perspective of my improved invalid support, and

Figure 2 is a section through two of the members thereof for more clearly disclosing the preferred type of connecting means therebetween.

My improved support constitutes the provision of a horizontal handle bar 5 upon the outer ends of which are hand pads 6—6, the opposite ends of said bar being intended to be grasped by the hands of the invalid. Secured to the bar 5 at the central point thereof is downwardly and forwardly extending supporting bar 7 arranged at an angle of preferably forty-five degrees with respect to the bar 5, as clearly shown in Figure 1.

Secured to the handle bar 5 at opposite sides of the supporting bar 7 are pendent slightly rearwardly and outwardly extending supporting bars 8—8 which with the bar 7 provide a three point suspension for the handle bar 5 and will absolutely prevent the tilting of the support when the same is in use. The bars 8—8 and 7 are detachably interconnected through reason of a pair of elongated hooks 9—9 pivoted to the bars 8—8 and adapted to engage within an eye 10 carried by the bars 7.

Upon the lower ends of the bars which in reality function as the legs of the support are rubber pads 11, and it will be obvious that in the use of the support the in-

valid stands between the bars 8—8 and grasps the horizontal bar at the ends thereof, and by manipulating the same in step by step manner, the invalid is enabled to walk about from place to place in a satisfactory and easy manner without requiring great labor.

Preferably the connecting means between the leg bars 7 and 8—8 and the horizontal handle bar 5 consists of threaded dowel pins 12 upon the opposite ends of the bars threaded within angle openings 13 formed in the horizontal bar 5 at the proper point thereon, as clearly shown in Figure 2.

It will thus be seen that I have provided a highly novel, simple, efficient, and readily knock-down invalid support that is well adapted for all the purposes heretofore designated.

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

1. In an invalid support of the class described, a horizontal handle bar, adapted to be disposed in front of the user, a leg extending downwardly and directly forwardly from the handle bar intermediate the ends thereof, and an additional pair of leg members extending downwardly and rearwardly from the respective ends of the handle bar.

2. In an invalid support of the class described, a horizontal handle bar provided with angularly disposed threaded openings at the end and intermediate portions thereof, a pair of leg members having their upper ends reduced and externally threaded for detachable engagement within the respective threaded openings formed in the handle bar adjacent the ends thereof whereby said pair of leg members are disposed rearwardly, an additional leg member having its upper end reduced and externally threaded for detachable engagement with the central threaded opening in the handle bar and disposed forwardly, and hand grips on the outer extremities of the handle bar.

3. In an invalid support of the class described, a horizontal handle bar provided with angularly disposed threaded openings at the end and intermediate portions thereof, a pair of leg members having their upper ends reduced and externally threaded for detachable engagement within the respective threaded openings formed in the handle bar adjacent the ends thereof whereby said pair of leg members are disposed rearwardly, an

additional leg member having its upper end reduced and externally threaded for detachable engagement with the central threaded opening in the handle bar and disposed forwardly, hand grips on the outer extremities of the handle bar, and bracing means between said supporting legs, said bracing

means comprising hooked rods secured to the end legs, and an eye member attached to the intermediate legs with which the hooked rods engage. 10

In testimony whereof I affix my signature.

MARY CATHRINE.