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CROCHETING FRAME

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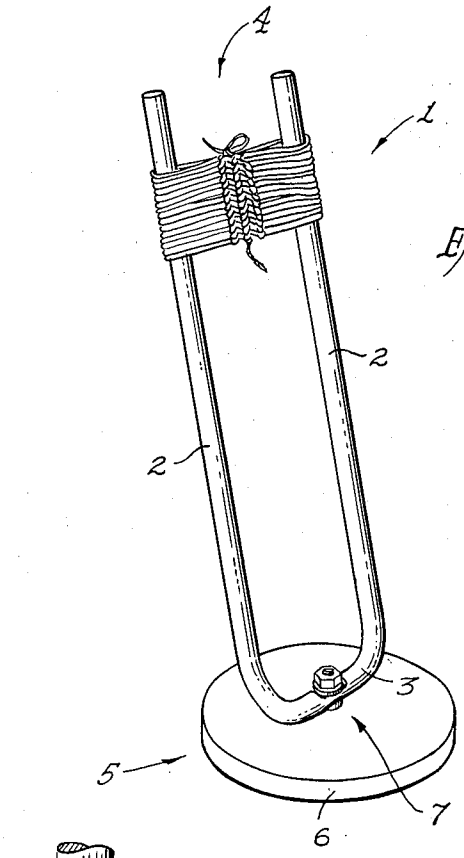


Fig. 1.

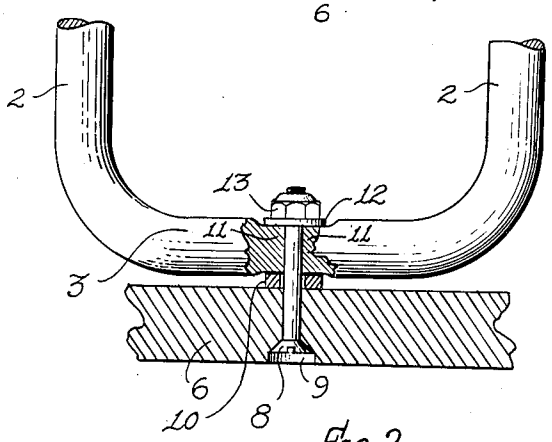


Fig. 2.

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CROCHETING FRAME

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Generally speaking, the present invention relates to the crocheting art and, more particularly, it pertains to an improved crocheting frame adapted to greatly expedite and facilitate crocheting operations.

We are aware of the fact that prior art crocheting frames have been developed hereinbefore. However, all of such prior art crocheting frames known to us have serious disadvantages of one type or another.

One major disadvantage, common to all such prior art crocheting frames known to us, is the fact that they are closed at their upper ends (indeed, closed at both ends), thus making crocheting operations very difficult because the nature of crocheting is such that the crocheting tool or needle (or plurality thereof) must be effectively operated alternately from opposite surfaces of the crocheted material carried on the crocheting frame. This necessity makes mandatory the manual movement of the crocheting needle or needles through the completely closed crocheting frame, from one side to another, at frequent intervals, or in certain cases, it necessitaties a complete removal of the needle from the crocheted material and the reinsertion of it from the opposite side after the crocheting frame has been manually rotated so as to bring the opposite surface of the work into accessible position. This process is exceedingly tedious, difficult and time consuming and is required when using any of the prior art crocheting frames known to us.

Also, as pointed out above, when using such prior art crocheting frames, it is necessary to rotate them frequently in order to bring the opposite surface of the work into a convenient, accessible position. This is a tedious, and time consuming operation because it customarily requires that the work be completely stopped and the crocheting frame manually lifted, rotated and then replaced in operative position.

Generally speaking, a basic form of the present invention comprises a bifurcated frame member including two longitudinal, virtually parallel, laterally spaced rods effectively joined together (usually, integrally) to form one closed end (usually the bottom end). The longitudinal rods of said bifurcated member are effectively separated at the end thereof remote from said closed end (in other words, usually at the upper end) to effectively form an open end. The closed end (usually the lower end) is effectively provided with pivot means effectively cooperable with the frame member and the lap of the person using the device to allow easy and selective rotation of said frame member about an imaginary longitudinal axis virtually parallel to said frame member whereby to facilitate crocheting operations.

From the above general description of one basic form of the present invention, it will be apparent to those skilled in the art, that the above-mentioned prior art disadvantages are virtually entirely eliminated and overcome in and through the use of the crocheting frame of the present invention.

For example, the open upper end of the bifurcated frame member of the present invention makes it possible

to easily shift crocheting needles of virtually any size from one side of the crocheting frame (effectively on one side of crocheting work) to the other side of the crocheting frame (effectively on the other side of the crocheting work) very rapidly and easily and with none of the difficulties attendant upon this operation when using prior art crocheting frames.

Furthermore, the pivot means of the present invention, makes it possible to rapidly and easily rotate the bifurcated frame member through approximately 180 degrees to bring the opposite surface of crocheting work into convenient accessible position—and this can be done merely by pivoting the entire bifurcating frame member with respect to the lap of a user of the device and without the necessity of manually lifting the crocheting frame, rotating it, and manually replacing it, as is necessary with prior art crocheting frames.

With the above points in mind, it is an object of the present invention, to provide an improved crocheting frame which makes it possible to rapidly carry on crocheting operations requiring repeated reversal of the work, by merely shifting the crocheting needle or needles from one side of the work to the other by moving them between and through the open-ended bifurcated portion of a crocheting frame.

It is a further object of the present invention, to provide an improved crocheting frame which makes it possible to rapidly carry on crocheting operations requiring repeated reversal of the work, by rapidly and easily pivoting or rotating a bifurcated crocheting frame member with respect to the lap of a person using the device.

It is another object of the present invention, to provide an improved crocheting frame which makes it possible to rapidly carry on crocheting operations requiring repeated reversal of the work, by rapidly and easily pivoting or rotating a bifurcated crocheting frame member with respect to the lap of a person using the device, and by merely shifting the crocheting needle or needles from one side of the work to the other by moving them between and through the open-ended bifurcated portion of a crocheting frame.

Other and allied objects will be apparent to those skilled in the art after a careful perusal, examination and study of the accompanying illustrations, the present specification and the appended claims.

To facilitate understanding, reference will be made to the hereinbelow described drawings, in which:

Fig. 1 is a reduced-size, perspective view of one illustrative embodiment of the present invention.

Fig. 2 is a relatively enlarged, fragmentary, vertical sectional view through the pivot means of the form of the invention shown in Fig. 1.

Generally speaking the present invention includes a bifurcated frame member having two longitudinal, virtually parallel, laterally spaced rods effectively joined together to form one closed end. The other ends of said rods being effectively separated at the end of said frame member remote from said closed end to effectively form an open end.

In the specific example illustrated in Figs. 1 and 2, the bifurcated frame member is indicated generally at **1**, and each of the longitudinal, virtually parallel, laterally spaced rods is indicated at **2**. In the specific form illustrated in Figs. 1 and 2, the closed end is indicated at **3** and comprises a junction member integrally connecting the rods **2** at their lower ends (or the lower end of the frame member **1**). The open end is indicated at **4**.

Also, generally speaking, the closed end is effectively provided with pivot means effectively cooperable with the frame member and the lap of a person using the device to allow easy and selective rotation of said frame member about an imaginary longitudinal axis virtually

parallel to said frame member whereby to facilitate crocheting operations.

In the specific example illustrated in Figs. 1 and 2, said pivot means is indicated generally at **5** and includes base means **6** adapted to rest on the lap of the person using the device and upstanding pivotal connection means indicated generally at **7**, effectively pivotally connecting said base means **6** and said closed end **3** for relative rotation about an axis of rotation virtually parallel to the rods **2**.

In the specific form illustrated in Figs. 1 and 2, the pivotal connection means **7** comprises an upstanding counter-sunk threaded bolt **8** positioned in a central recess **9** in the horizontal base means **6** with the threaded shank carrying apertured bearing washer **10**, the flattened apertured central portion **11** of the junction member **3**, an upper apertured washer **12**, and a nut **13** (which may be a lock-nut, if desired). However, any suitable type of pivotal connection means may be employed.

The operation of the device is extremely simple, and may be described as follows:

The base means **6** is placed on the lap of the person using the device and crocheting is then begun on the rod members **2**. Whenever reversal of the work (not shown) is required, one of the rods **2** is grasped and the entire device is quickly rotated around the axis of the bolt **8** through approximately 180 degrees. Virtually simultaneously (or immediately before or immediately after) said rotation, the needle or needles employed (not shown) may be moved between the rods **2** and through the open end **4** thereof from one side of the frame to the other side so that the crocheting operation can proceed rapidly with a minimum of wasted effort.

Numerous modifications and variations of the present invention will occur to those skilled in the art after a careful study hereof. All such properly within the basic spirit and scope of the present invention are intended to be included and comprehended therein as fully as if specifically described, illustrated and claimed herein.

For example, the pivotal connection means and/or the base means can be modified substantially within the spirit of the present invention. Incidentally, in this connection, it should be noted that the pivotal connection means need not necessarily be as indicated in Fig. 1, wherein the bifurcated frame member **1** leans slightly rather than being directly perpendicular with respect to the base member **6**. If desired, the pivotal connection means may be very much tighter, or otherwise arranged, to maintain the bifurcated frame member **1** in virtually perpendicular relationship (or any other desired angular relationship) with respect to the base member **6**.

The exact compositions, configurations, relative positionings, and cooperative relationships of the various component parts of the present invention are not critical and can be modified substantially within the spirit hereof.

The embodiments of the present invention specifically described, illustrated and claimed herein are exemplary only, and are not intended to limit the scope of the present invention, which is to be interpreted in the light of the prior art and the appended claims only, with due consideration for the doctrine of equivalents.

We claim:

1. An improved crocheting frame comprising: a bifurcated frame member including two longitudinal, virtually parallel, laterally spaced rods effectively joined together to form one closed end, said rods of said bifurcated frame member being effectively separated at the end thereof remote from said closed end to effectively form an open end, said closed end being effectively provided with pivot means effectively cooperable with the frame member and the lap of a person using the device to allow easy and selective rotation of said frame member about an imaginary longitudinal axis virtually parallel to said frame member whereby to facilitate crocheting operations, said pivot means including base means adapted to rest on the lap of a person using the device and pivotal connection means effectively pivotally connecting said base means and said closed end.

2. An improved crocheting frame comprising: a bifurcated frame member including two longitudinal, virtually parallel, laterally spaced rods integrally joined by a junction member to form a lower closed end, said rods of said bifurcated frame member being effectively separated at the upper end thereof to effectively form an open end, said lower closed end being effectively provided with pivot means effectively cooperable with the frame member and the lap of a person using the device to allow easy and selective rotation of said frame member about an imaginary longitudinal axis virtually parallel to said frame member whereby to facilitate crocheting operations, said pivot means including underlying base means adapted to rest on the lap of a person using the device and upstanding pivotal connection means effectively pivotally connecting said base means and said junction member, said pivotal connection means having an axis of rotation virtually parallel to said bifurcated frame member.

3. An improved crocheting frame comprising: a bifurcated frame member including two longitudinal, virtually parallel, laterally spaced rods integrally joined by a junction member to form a lower closed end, said rods of said bifurcated frame member being effectively separated at the upper end thereof to effectively form an open end, said lower closed end being effectively provided with pivot means effectively cooperable with the frame member and the lap of a person using the device to allow easy and selective rotation of said frame member about an imaginary longitudinal axis virtually parallel to said frame member whereby to facilitate crocheting operations, said pivot means including underlying flat base means adapted to rest on the lap of a person using the device and upstanding pivotal connection means effectively pivotally connecting the centers of said base means and said junction member, said pivotal connection means having an axis of rotation virtually parallel to said longitudinal rods.

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