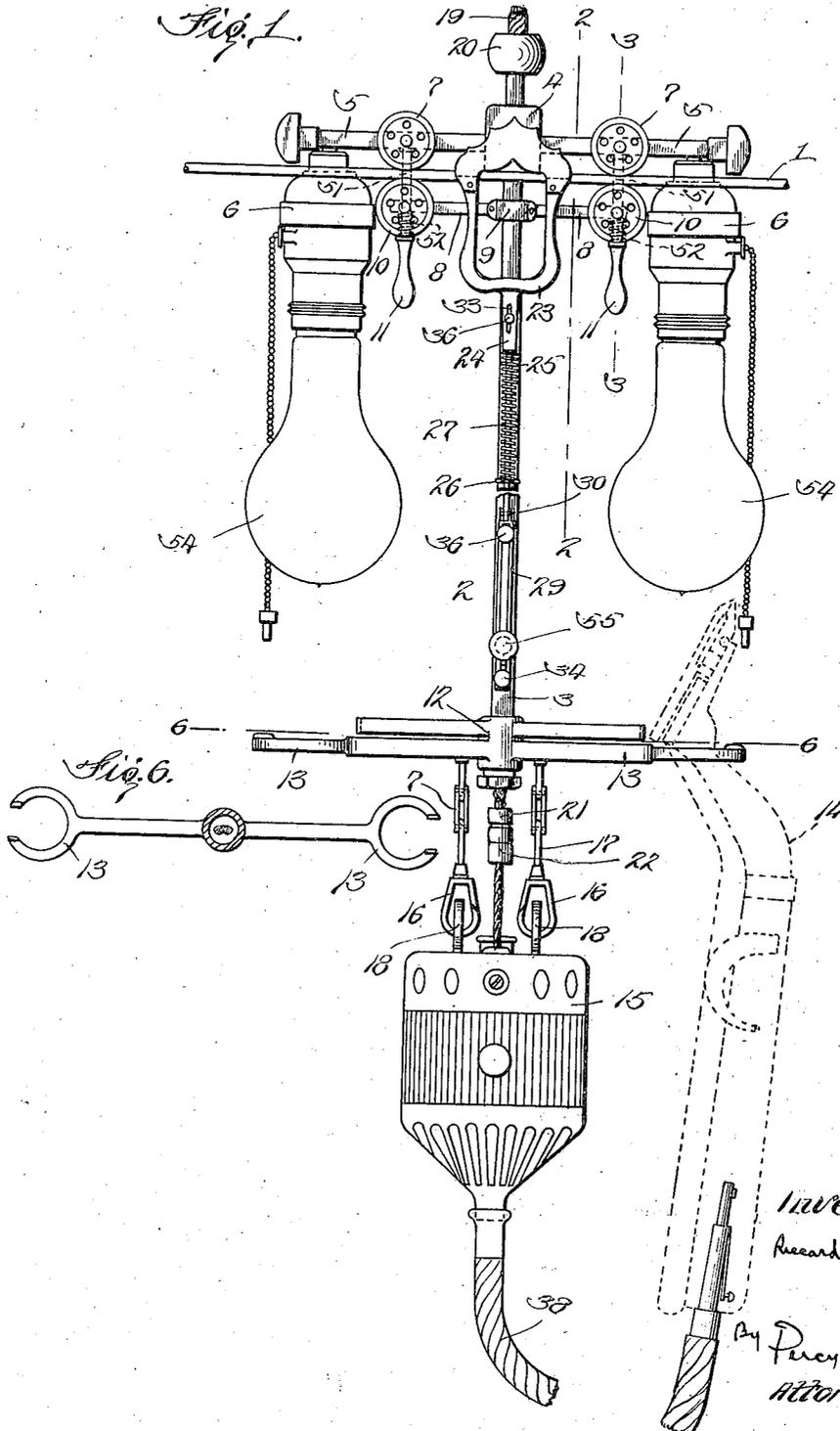


Jan. 2, 1923.

R. DI CARLO,
PORTABLE MOTOR SUPPORT.
FILED NOV. 19, 1921.

1,440,721.

2 SHEETS—SHEET 1.

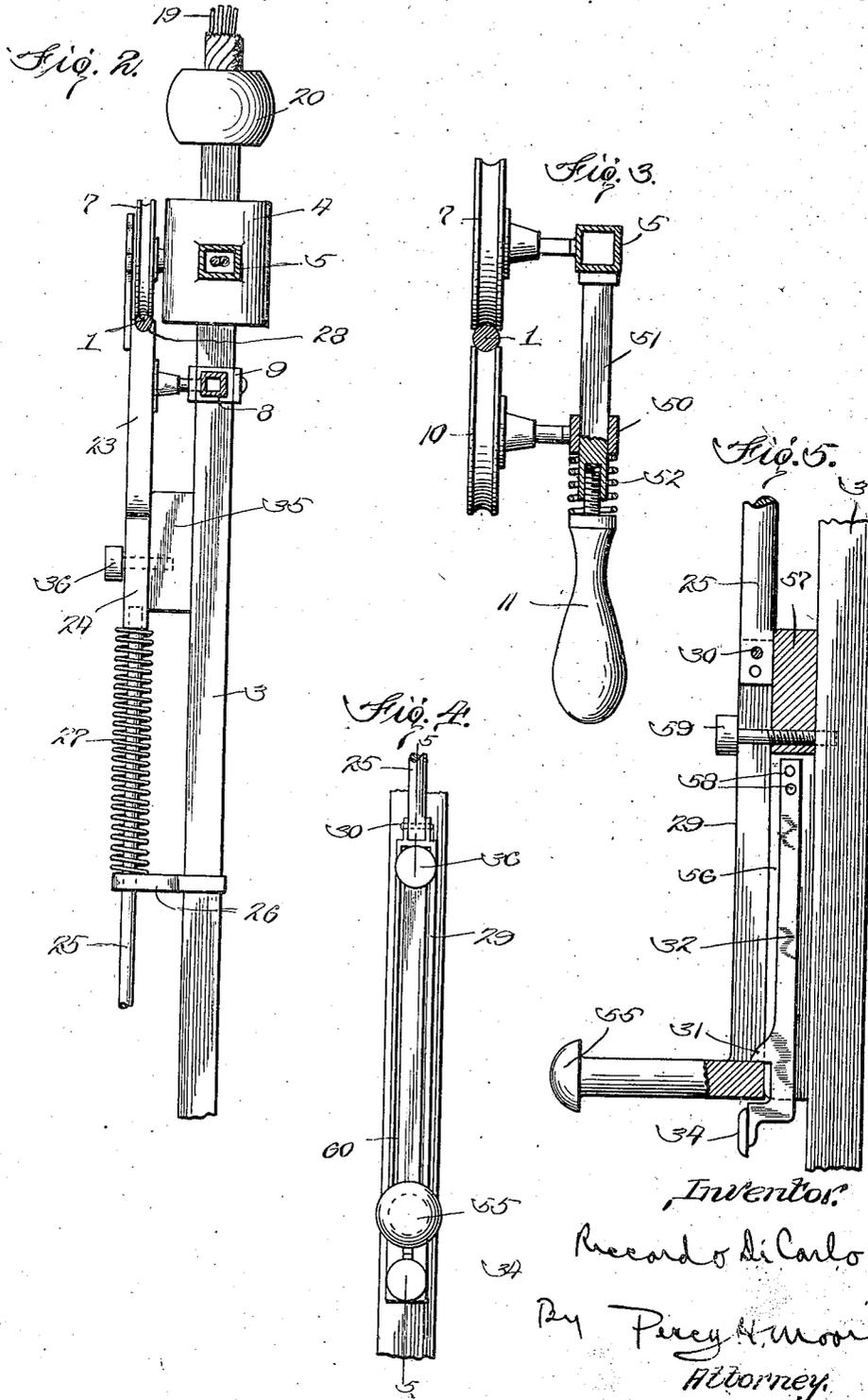


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2 SHEETS—SHEET 2.



UNITED STATES PATENT OFFICE.

RICCARDO DI CARLO, OF BALTIMORE, MARYLAND.

PORTABLE MOTOR SUPPORT.

Application filed November 19, 1921. Serial No. 516,502.

To all whom it may concern:

Be it known that RICCARDO DI CARLO, a citizen of the United States of America, residing at Baltimore, and State of Maryland, has invented certain new and useful Improvements in Portable Motor Supports, of which the following is a specification.

My invention relates to supports or holders for hair clippers and has for its object to provide a conveniently operated and simply constructed portable support, whereby the hair clipper and motor for driving the same can be moved from one chair to another in the barber shop.

Other and further objects and advantages of my device will be in part described and in part apparent as the specification is proceeded with.

In the accompanying drawing forming part of this specification.

Figure 1 is a side elevation of my invention, the current feed wire and the trolley track being broken away;

Figure 2 is a section taken on the line 2—2 of Figure 1;

Figure 3 is a section on the line 3—3 of Figure 1;

Figure 4 is an enlarged detail view of the catch for holding the brake in inoperative position;

Figure 5 is a section on the line 5—5 of Figure 4; and

Figure 6 is a section taken on the line 6—6 of Figure 1.

Referring more specifically to the drawings wherein like references refer to corresponding parts throughout the several views, 1 denotes a flexible track, preferably in the form of a heavy wire, suspended or supported beneath the ceiling of a barber shop by any suitable means (not shown). This track 1 which is preferably arranged directly above the usual row of chairs (not shown) slidably supports what may be generally termed the clipper holder or support 2. The clipper holder comprises a tubular upright member 3 having a hollow boss 4 fixed thereto. Mounted in the boss 4 and extending in opposite directions therefrom are a pair of hollow arms 5 each of which supports an electric lamp socket 6 adjacent their outer extremities, and about midway their ends have affixed thereto trolley wheels 7, adapted to run on the track 1.

A second pair of hollow arms 8, similar to but much shorter than the arms 5 are

connected at their inner ends to a collar 9 slidably mounted on the upright member 3, and at their outer ends carry trolley wheels 10, which engage the track from below.

The outer ends of the arms 8 are formed with apertured enlargements 50 which loosely receive the lower ends of the shank portions 51 of the handles 11 and are resiliently supported by coil springs 52 bearing at one end against the handles 11 and at their other end against said enlargements. The upper ends of the shank portions 51 are fixed in any suitable manner to the bars 5. By exerting a downward pressure on bars 8 the latter and consequently the wheels 10 will be lowered against the tension of springs 52 and the operator can then take the device off the track if desired, for repairs or other purposes.

Fixedly mounted on the lower end of the tubular member 3 is a bracket 12 formed with bifurcated arms 13 adapted to receive and support the hair clipper 14, when the latter is not in use. The motor 15 for driving the clipper is supported by a pair of snap fasteners 16, attached to the lower ends of chains 17 depending from the bracket 12, the motor being provided with eyes 18 for this purpose.

The flexible feed wires 19 for supplying the lamps 54 and the motor 15 with current enter the tubular member 3 through the connection 20, those wires conducting current to the lamps passing into the hollow arms 5 and those leading to the motor, passing down through and out of the lower end of the tubular member 3, where they terminate in a slip connection 21, cooperating with a slip connection 22, carried by the motor.

Means is provided for locking the clipper holder or support 2 at any desired point of travel along the track 1 comprising a brake member or plate 23, of any desired ornamental configuration and preferably cut away centrally to lighten the same. This member 23, has a depending reduced portion 24 which is connected to a rod 25, in turn passing through an apertured arm 26 secured to the tubular upright 3. A coil spring 27, bearing at its upper end against the reduced portion 24 of the plate or brake member 23, and at its lower end against the apertured arm 26, normally tends to force the grooved shoulder 28 of the member 23 against the flexi-

ble track 1, this causes the track or wire to bend or buckle upwardly between the wheels 7, thereby effectually locking the wheels against movement along the track.

5 When the operator desires to move the clipper holder or support along the track 1, he pulls the rod 25 downwardly against the tension of coil spring 27, by means of the knob 55, on the lower end of a slotted extension 29, secured to the rod 25 as at 10 30. During this movement the lower end of the slotted extension 29 rides over the beveled projection 31 on the spring catch 32, forcing the same inwardly until the 15 end of the extension passes the projection, whereupon the latter springs outwardly by virtue of its resiliency into the slot 60 of the extension 29, thus holding the shoulder 28 of plate or brake member 23 out of en- 20 gagement with the track. The clipper holder or support 1 is then free to be slid along the track by means of the handles 11. To release the catch 32 and thus cause the plate or brake member 23 to move to oper- 25 ative position under the action of coil spring 27, it is merely necessary to press the knob or button 34 on the end of the spring catch inwardly towards the tubular upright member 3.

30 The brake member 23 is maintained in spaced relation to the tubular upright member 3 and in position to engage the track 1, by means of a block 35 secured to the member 3 by any suitable means (not shown). A 35 headed guide pin 36 secured to the block 35 and projecting through slot 33 in the depending reduced portion 24 of the brake member or plate 23 also serves to guide and maintain the brake member in proper vertical align- 40 ment or position.

The spring catch 32 is secured to the lower reduced end 56 of a spacing block 57 as at 58, the spacing block in turn being secured to

the tubular member 3 as by means of headed screw 59 extending outwardly through the 45 slot 60 in extension 29. The block 57 and the headed screw 59 serve the same purpose as the block 35 and headed pin 36.

The motor 15 is provided with flexible shaft 38 for actuating the clipper 14, said 50 clippers being shown and described in my prior Patent No. 1358423.

Having thus described my invention:

What I claim as my invention is:

1. A support for hair clippers comprising 55 a track, an upright member, a pair of oppositely extending arms fixed to the upper end of said upright, a second pair of oppositely extending arms secured to said upright beneath said first mentioned arms, 60 wheels carried by both pairs of arms, adapted to support and maintain said upright on said track, means on said upright for carrying a hair clipper and means for locking said 65 wheels to the track.

2. A support for hair clippers comprising 70 a track, an upright member, a pair of oppositely extending arms fixed to the upper end of said upright, a second pair of oppositely extending arms slidably mounted on 75 said upright beneath said first mentioned arms, wheels carried by both pairs of arms adapted to movably support and maintain said upright on said track, means for res- 80 iliently forcing said slidably mounted arms toward said fixed arms whereby the wheels carried by the slidably mounted arms will engage the track from below, and means for locking said wheels to said track.

In testimony whereof I affix my signature 80 in presence of two witnesses.

RICCARDO DI CARLO.

Witnesses:

NICHOLAS JOSEPH BASCIANO,
FRANK RUSSO.