

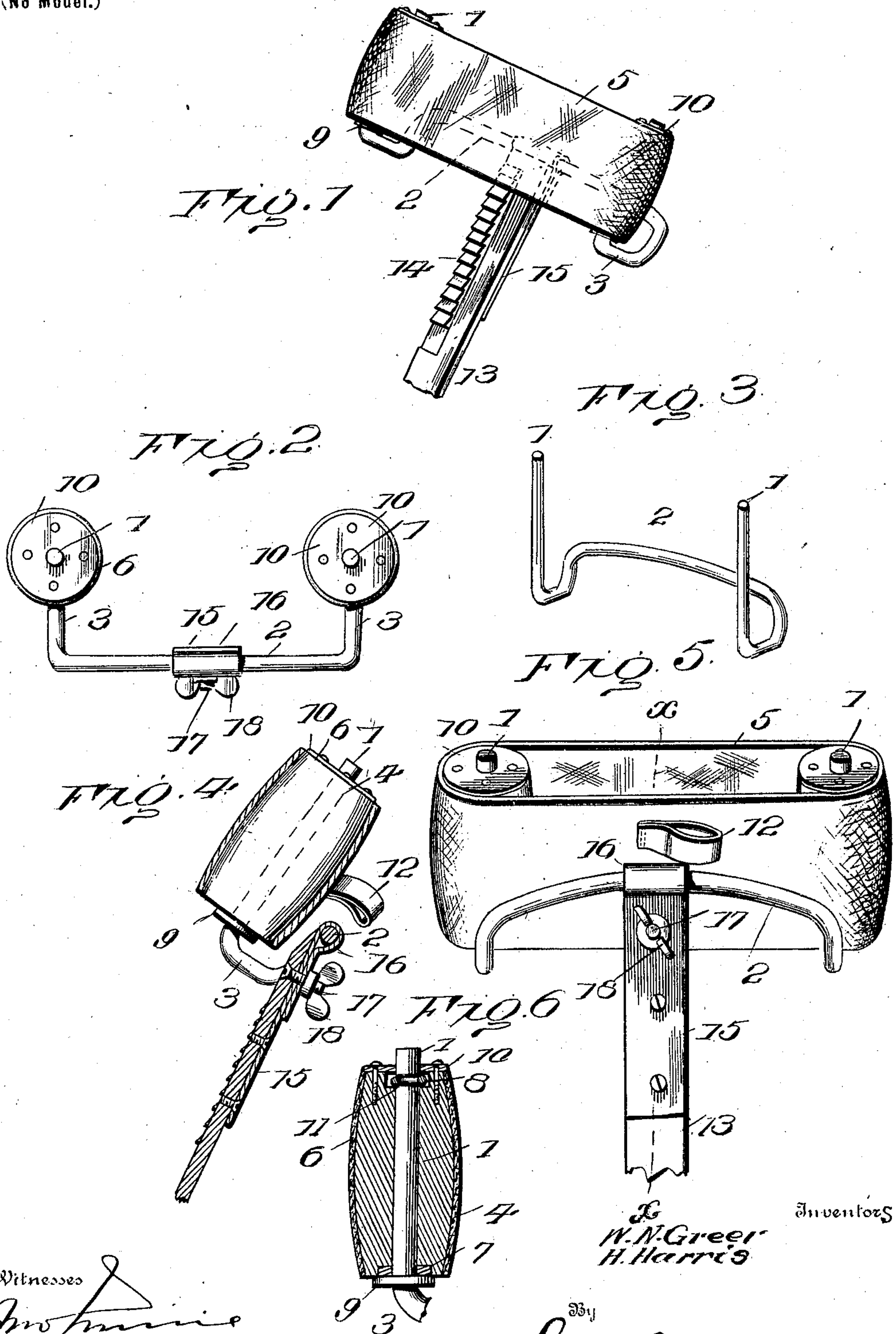
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Patented Jan. 28, 1902.

W. N. GREER & H. HARRIS.
HEAD REST.

(Application filed Apr. 20, 1901.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM N. GREER AND HARRY HARRIS, OF GREELEY, NEBRASKA.

HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 691,854, dated January 28, 1902.

Application filed April 20, 1901. Serial No. 56,760. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM N. GREER and HARRY HARRIS, citizens of the United States, residing at Greeley, in the county of Greeley and State of Nebraska, have invented certain new and useful Improvements in Head-Rests; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to head-rests for barbers' chairs, although it is not the intention to restrict its use, as it may be used in connection with any character of chair for supporting the head in a comfortable position.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are necessarily susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a head-rest embodying the invention. Fig. 2 is a top plan view thereof. Fig. 3 is a perspective view of the frame provided with the roller, forming supports for the endless band. Fig. 4 is a section on the line X X of Fig. 5. Fig. 5 is a rear view. Fig. 6 is a central longitudinal section of a roller, showing its mountings.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The essential feature of the invention is the frame forming a support for the rollers and the mountings. This frame is of yoke form and comprises parallel arms 1, a connecting-piece 2, and end loops 3, joining the parts 1 and 2. The arms 1 constitute spindles for rollers 4, and the loops 3 enable the part 2 to be in a higher plane than the lower edge of the endless band 5, which is of advantage from a standpoint of appearance and neatness of construction. This frame is preferably constructed of a light rod or stout wire possess-

ing spring action to maintain the shape of the frame with a minimum amount of metal. The connecting-piece 2 is of arched form, which is best adapted to cause the arms or spindles 1 to spring outward and automatically take up any expansion of the endless band 5 due to stretching, whereby a tension is maintained thereon at all times. A roller 4 is mounted upon each arm or spindle 1 and tapers from its middle toward each end, this form being best adapted to hold the band 5 in place without requiring flanges or outwardly-extending parts at the extremities of the rollers. The rollers are clothed or covered with soft material 6, of rubber, felt, or textile, so as to afford a soft support for the portion of the head or face coming in contact therewith. The ends of the rollers are recessed, the lower recess receiving a metal washer 7 and the upper recess receiving the fastening 8, by means of which the rollers are held in place upon the parts 1. A washer 9 is secured to the lower end of each arm 1 and forms a support for the roller, the wear being taken up by the washers 7 and 9. A washer 10 is secured to the upper end of each roller and forms a cap therefor and closes the recess in which the fastening 8 is located. The fastening 8 is a split spring-ring, which is sprung into a groove 11, encircling the upper end portion of the part 1, said split ring overlapping the recessed part to prevent vertical displacement of the roller.

The endless band 5 may be of plush, leather, fabric, or other flexible material and is supported upon the rollers 4 and is of a length to compress the arms 1 when in place, so that the tendency of the arms 1 to resume a normal position will hold the parts of the band under tension and automatically take up any expansion thereof due to stretching within certain limits. The outer or rear portion of the band is provided with a loop 12 for convenience of moving the band upon the rollers, so as to turn the head from one side to the other or to the desired position. The front part of the band is intended to receive the head, which rests thereon between the rollers.

The frame, with its adjunctive parts, is adapted to be raised and lowered and to be turned to any angular position to suit the comfort of the person using the head-rest.

The vertical adjustment to adapt the elevation of the head-rest to persons of different height is accomplished in the usual manner, and for this purpose the frame is attached to
5 a stem or bar 13, having ratchet-teeth 14 to cooperate with the pawl or securing means (not shown) commonly applied to a barber's or other chair. The clamp device is applied to the upper end of the bar 13 for securing
10 the frame when turned to the desired position, and this clamp device may be of any construction admitting of the attainment of the desired end. As shown, a plate 15 is attached to the upper end of the bar 13, and an
15 end portion is folded to provide an eye 16, in which is fitted the connecting or horizontal portion 2 of the frame. A bolt 17 and clamp-nut 18 connect the folded end portion of the plate 15 with the main portion thereof and
20 serve to contract the eye 16, so as to firmly and securely grip the part 2 and hold the frame in the required angular position.

Having thus described the invention, what is claimed as new is—

25 1. In a head-rest, a frame provided with parallel arms, forming spindles, and a connecting-piece capable of yielding so as to press

the spindles apart, rollers mounted on said spindles, and an endless band supported by the rollers and held under tension by the
30 spring action of the aforesaid frame due to compression of the spindles by the said band, substantially as set forth.

2. In a head-rest, a frame comprising parallel spindles, a connecting-piece, and intermediate loops joining the connecting-piece
35 with the respective spindles, rollers mounted upon the said spindles, and an endless band supported by the rollers, substantially as set forth.

3. In a head-rest, a frame formed of a rod or bar of spring metal and comprising parallel spindles, an arched connecting-piece, and intermediate loops, rollers mounted upon
40 said spindles, and an endless band upon said rollers, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

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Witnesses:

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