

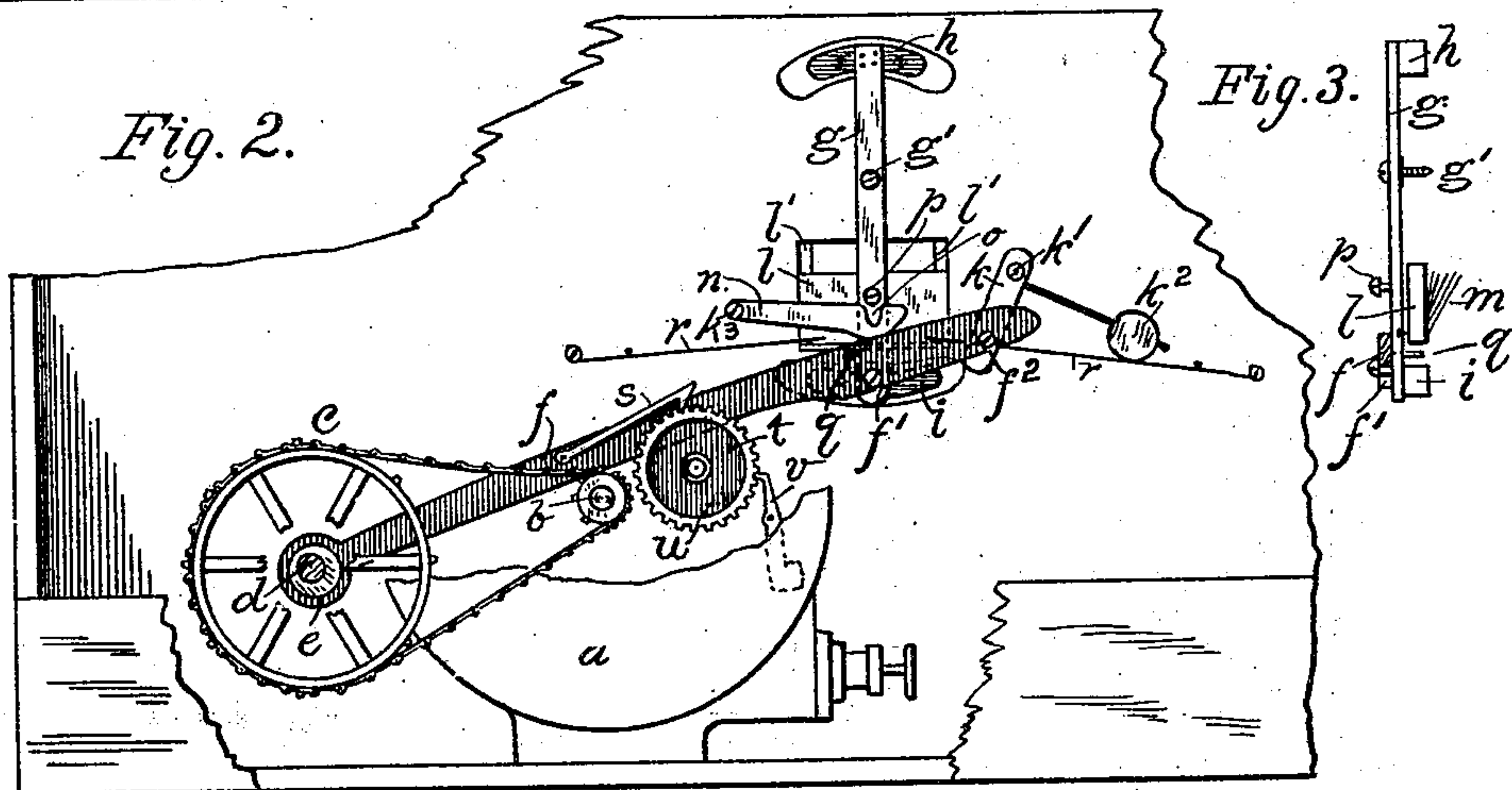
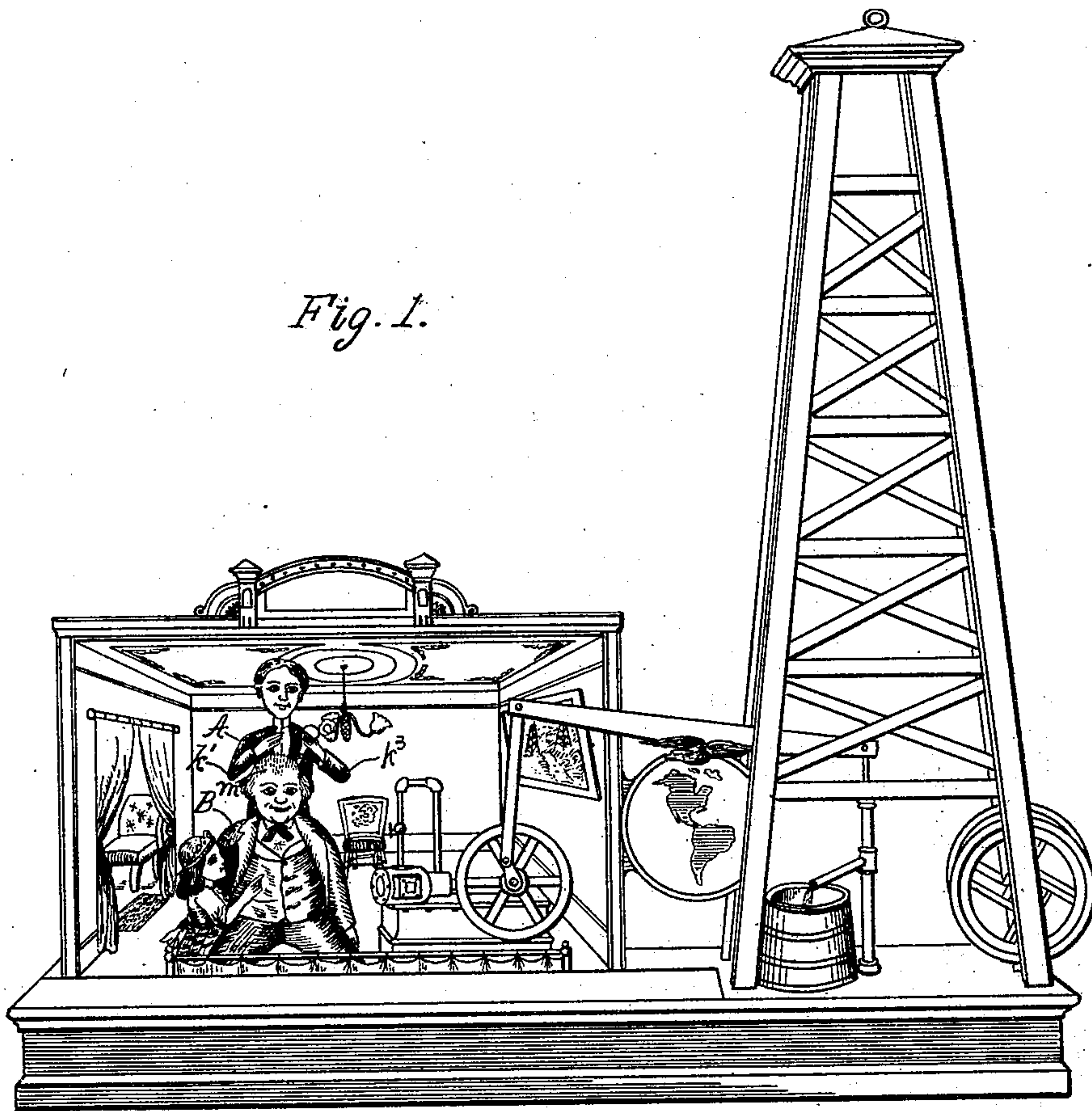
No. 668,723.

Patented Feb. 26, 1901.

C. J. WESTERMANN & J. DARLING.
ADVERTISING DEVICE.

(Application filed June 7, 1900.)

(No Model.)



WITNESSES:

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CHARLES J. WESTERMANN AND JOSEPH DARLING, OF CHICORA, PENNSYLVANIA; SAID DARLING ASSIGNOR TO SAID WESTERMANN.

ADVERTISING DEVICE.

SPECIFICATION forming part of Letters Patent No. 668,723, dated February 26, 1901.

Application filed June 7, 1900. Serial No. 19,353. (No model.)

To all whom it may concern:

Be it known that we, CHARLES J. WESTERMANN and JOSEPH DARLING, citizens of the United States, residing at Chicora, in the county of Butler and State of Pennsylvania, have invented certain new and useful Improvements in Advertising Devices; and we do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Our invention relates to an advertising device for a hair-restorative said to be composed in whole or in part of a natural hydrocarbon oil, and is designed to represent the figure of a barber applying the restorative to the head of a bald-headed man, and thereby apparently causing the hair to grow. The device is also intended to represent an oil-well in operation.

To this end our invention consists of pictured representations of a barber, his subject, means for simulating the movement of a hand or hands of the barber, and means for causing to appear upon the head of the subject at intervals a crop of hair.

Our invention further consists in means for giving motion to a portion of the pictured representation of the oil-well appliances, as hereinafter described.

In the accompanying drawings, Figure 1 is a front view of our device, and Fig. 2 is a rear view of a portion of the mechanism hereinafter referred to. Fig. 3 is a detail view.

Like letters of reference indicate like parts throughout the drawings.

In the drawings, A is a barber, in whose left hand is held a bottle or the like which may be automatically tipped at intervals and from which he appears to apply a liquid to the head of his subject B. The barber's right forearm is a separate piece and is pivoted at the elbow and is caused by the mechanism hereinafter to be described to move in such manner as to present the appearance of rubbing or shampooing the head of the subject. The eyes of the barber and of his subject are depicted on pieces separate from the picture and are provided with means for causing them

to move during the rubbing or shampooing operation. The pictured representation of a steam-engine (shown in Fig. 1) is provided with a separate fly-wheel and crank, which through a connecting-rod is connected with one end of a walking-beam, the other end of which is connected with a pumping-rod and pump. The pump is connected with a vessel, preferably concealed, containing water which discharges into a small tank, which in turn discharges back into the vessel from which it is drawn, and thus the liquid is used over and over.

Coming now to the actuating mechanism for the moving figures and devices above described, *a* (see Fig. 2) is a small motor, which in the example of our invention under consideration is, for illustration, a water-motor having shaft *b*, which is provided with a sprocket-wheel which through a chain drives a larger sprocket *c*, mounted rigidly on shaft *d*. This shaft has a cam or eccentric *e*, upon which is an eccentric-strap connected with or made part of a reciprocating bar *f*. This bar has in its lower margin, near its opposite end, two notches *f'* *f*².

g is an arm or lever pivoted, as at *g'*. At bottom this lever carries a projecting pin which is engaged by the notch *f'* in the lower edge of the bar *f*. At the upper end of the bar or lever *g* is secured a flat strip *h*, of metal or other suitable material, upon which are painted or otherwise represented the eyes of the barber. At the bottom of the piece *g* is a flat strip upon which are painted or represented the eyes of the subject B.

k is a lever rigidly secured to pivot-pin *k'*, upon which pin is also secured the movable right arm of the barber. The lever *k* at bottom is provided with a projecting pin which engages notch *f*² in the lower margin of the arm *f*. The arm *k* is provided with a counterbalance *k*², which holds the arm of the barber normally elevated.

l is a flat piece, preferably of sheet metal, which is vertically movable in ways or guides *l'*. Upon the side of the strip or block next the picture are soldered or otherwise secured numerous fine wires, as at *m*, (see Fig. 3,) the extremities of which project upwardly into fine perforations in that part of the picture which corresponds with the bald head of the subject B. Instead of wires, bristles,

hairs, or other equivalent devices a pictured representation of the hair on a separate piece may be employed to present the appearance of a head of hair. In the claims these wires, 5 bristles, or the like will be designated as "hairs."

n is an arm pivoted at one end to a pin k^3 , to which is secured the left arm of the barber. The arm n has in its lower margin a notch o . The piece n rests upon the top of the arm f , and when the arm n is elevated the notch engages a pin p , projecting from the lever g . Projecting from the arm f toward the picture is a pin q , which lies directly beneath the bottom of the sliding plate l . 15

r r are springs engaging the sliding plate l and holding the plate normally depressed. Pivoted to the arm f is a pawl s , which at each to-and-fro movement engages the teeth of the ratchet-wheel t and gives this wheel a part turn. Upon the side of ratchet-wheel t is a projecting pin u , which at each revolution of the wheel engages the bottom of the arm f and lifts and lowers the arm. 25

v is a pawl adapted and arranged to prevent the ratchet-wheel t from moving backwardly.

The operation of our device is as follows: 30 The motor and the sprockets and chain being in motion, the eccentric e causes the arm f to reciprocate longitudinally, which causes the lever g to swing upon its pivot g' and the lever k to swing upon its pivot k' . The movement of the lever g causes the eyes of the two figures in the picture to move laterally, and the movement of the lever k causes the arm of the barber to swing up and down, as if to rub the head of the figure B. At each 40 movement to and fro of the arm f the pawl s gives the ratchet-wheel t a part revolution, causing the projecting pin u to come in contact with the bottom of the arm f , which is now swung upwardly, the cam d serving as a pivot. As the arm is raised the notches f' and f^2 are disengaged from the pins on the arms g and k , and the eyes of the two figures and the arm of the barber now cease to move. This movement of the arm f raises the arm n 50 until the notch o comes in engagement with the pin p , thus holding the eyes stationary and retaining the bar g in such position that its bottom pin will engage with the notch f' when the arm is again lowered. The upward movement of the arm f brings the pin q in engagement with the bottom of the plate l , which is slowly raised, carrying with it the fine wires m , which are projected outwardly and upwardly through the picture. Thus while the eyes of 60 the two figures and the arm of the barber remain stationary there seems to be a rapid growth of hair upon the pictured bald head of the figure B. As the ratchet-wheel t continues to revolve the arm f is lowered, the plate l drops, the fine wires retreat into the picture, the notches f' and f^2 engage their respective pins, the arm n is swung on pin k^3 , 65

actuating the left arm of the barber, and the operation is continued and repeated as long as the motor continues in motion. 70

Upon the outer end of the shaft B is fixed the fly-wheel and crank of the pictured steam-engine. The construction and operation of the walking-beam and the pump will, from the drawings and the description hereinbefore given, be fully understood without further illustration or description. 75

Having described our invention, what we claim, and desire to secure by Letters Patent, is— 80

1. In an advertising device, a pictured representation of a person having a bald head, a member provided with wires or the like in simulation of hairs, and means for causing said hairs to automatically appear upon and 85 to disappear from said head.

2. In a device of the class described, a pictured representation of a barber and his subject, a movable arm for the barber, hairs for the head of the subject, means for actuating 90 the arm of the barber, and means for causing said hairs to automatically appear and disappear.

3. In a device of the class described, the pictured representation of a barber and his subject, hairs for the subject, automatic means 95 for causing said hairs to appear and disappear, a movable arm for the barber, means for actuating said arm, and means for suspending the movement of the arm during the movement of the hairs. 100

4. In a device of the class described, the pictured representation of a barber and his subject, hairs for the subject, automatic means for causing said hairs to appear and disappear, 105 a movable arm for the barber, means for actuating said arm, movable eyes for the barber and for the subject, means for actuating said eyes, and means for suspending the movement of said arm and said eyes during the movement of the hairs. 110

5. In a device of the character described, the pictured representation of a barber, his subject, means for actuating the arm of the barber, means for causing hairs to appear and 115 disappear upon the head of the subject, a representation of an oil-well derrick having a pump, movable members connected with said pump in simulation of the pumping machinery of an oil-well, a vessel containing liquid and connected with said pump, said pump being arranged and connected to draw liquid from said vessel and to return the liquid to said vessel, whereby the liquid is used over 120 and over, combined with a motor connected with the arm of the barber, the hairs of the subject, and the pumping machinery. 125

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

CHARLES J. WESTERMANN.
JOSEPH DARLING.

Witnesses:

J. C. GAISFORD,
C. F. W. BRECHT.