

(No Model.)

3 Sheets—Sheet 1.

A. ROSENBERG.
MANICURE TABLE.

No. 557,234.

Patented Mar. 31, 1896.

Fig. 1

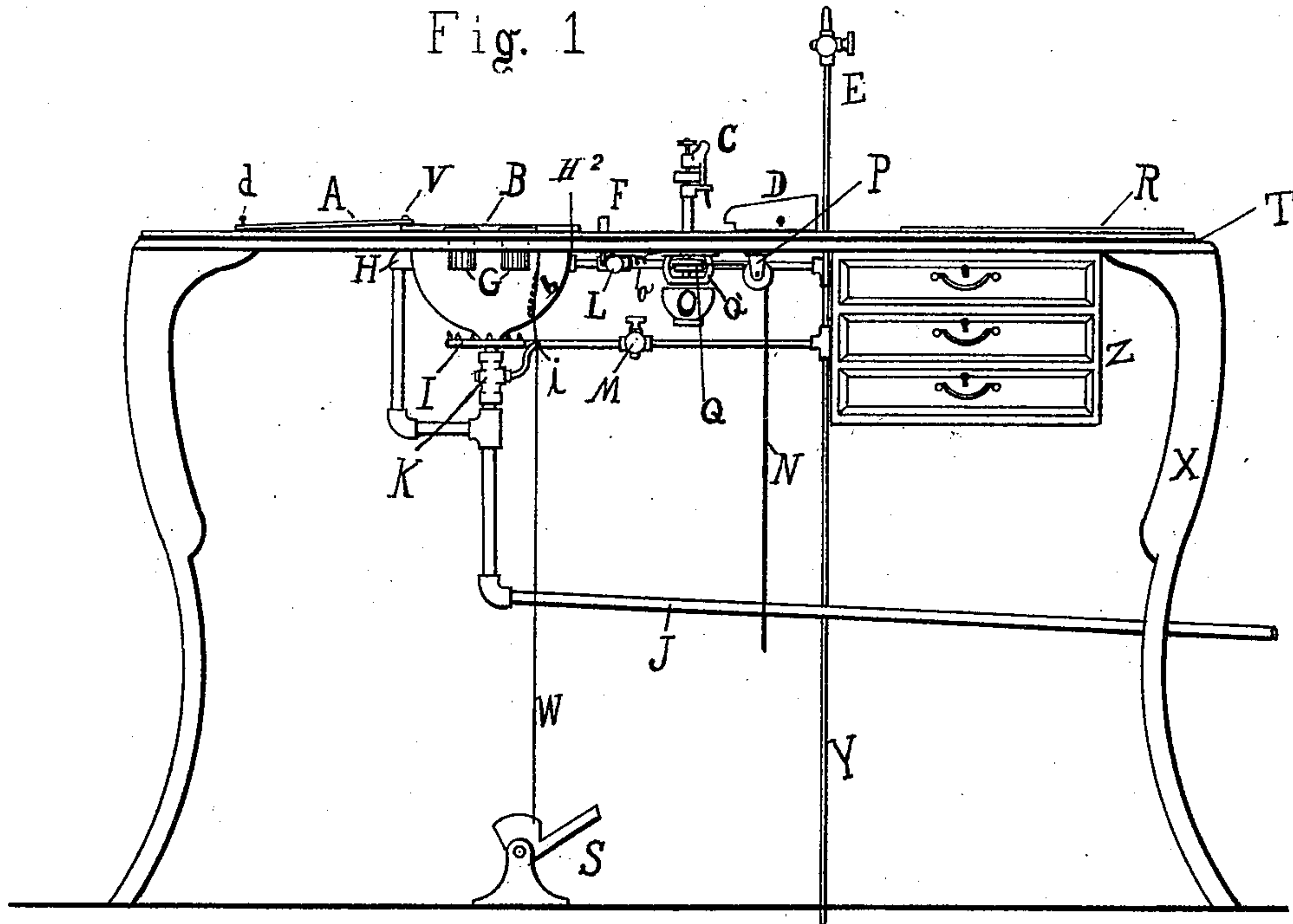
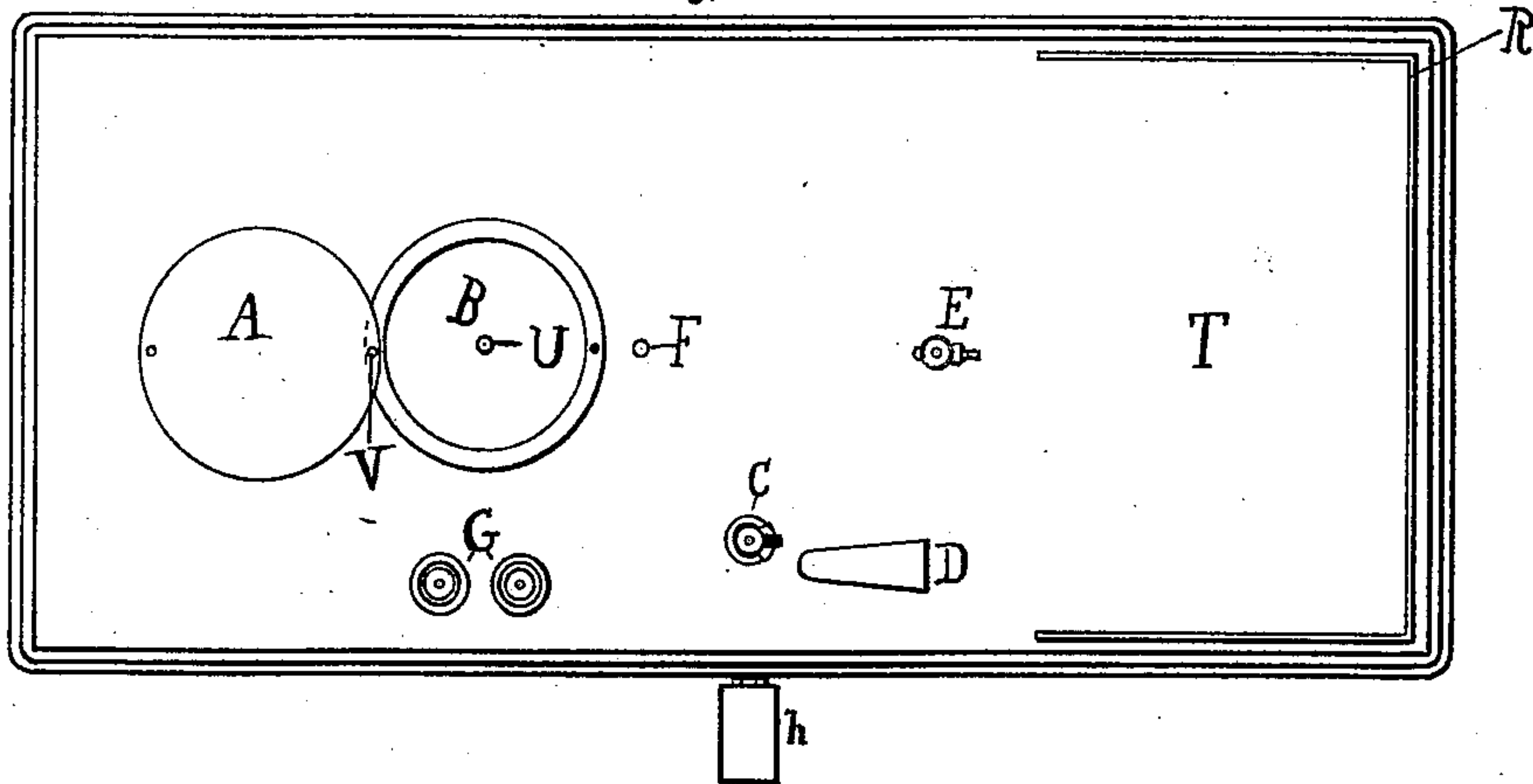


Fig. 2



WITNESSES:

Daniel Base
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Albert Rosenberg

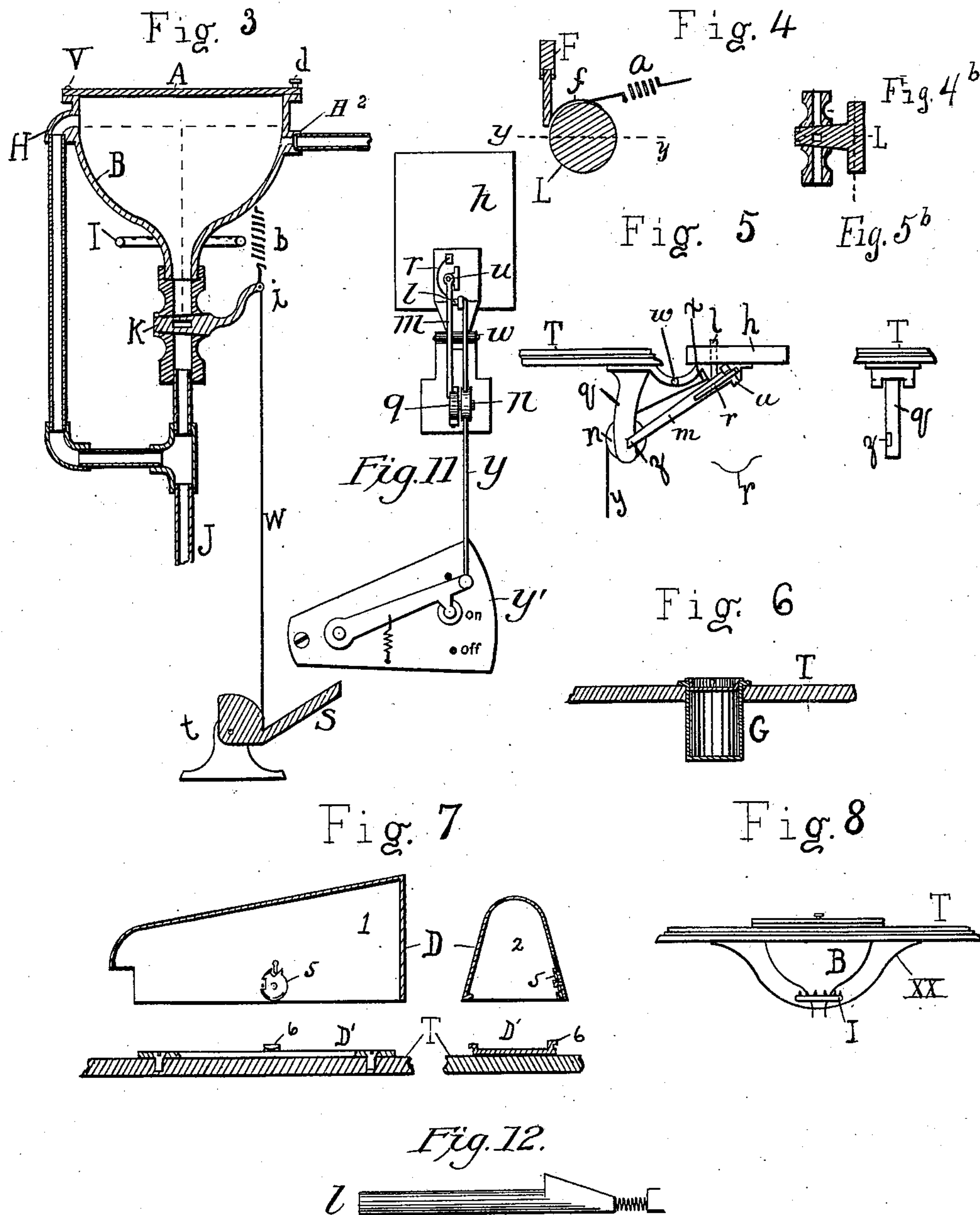
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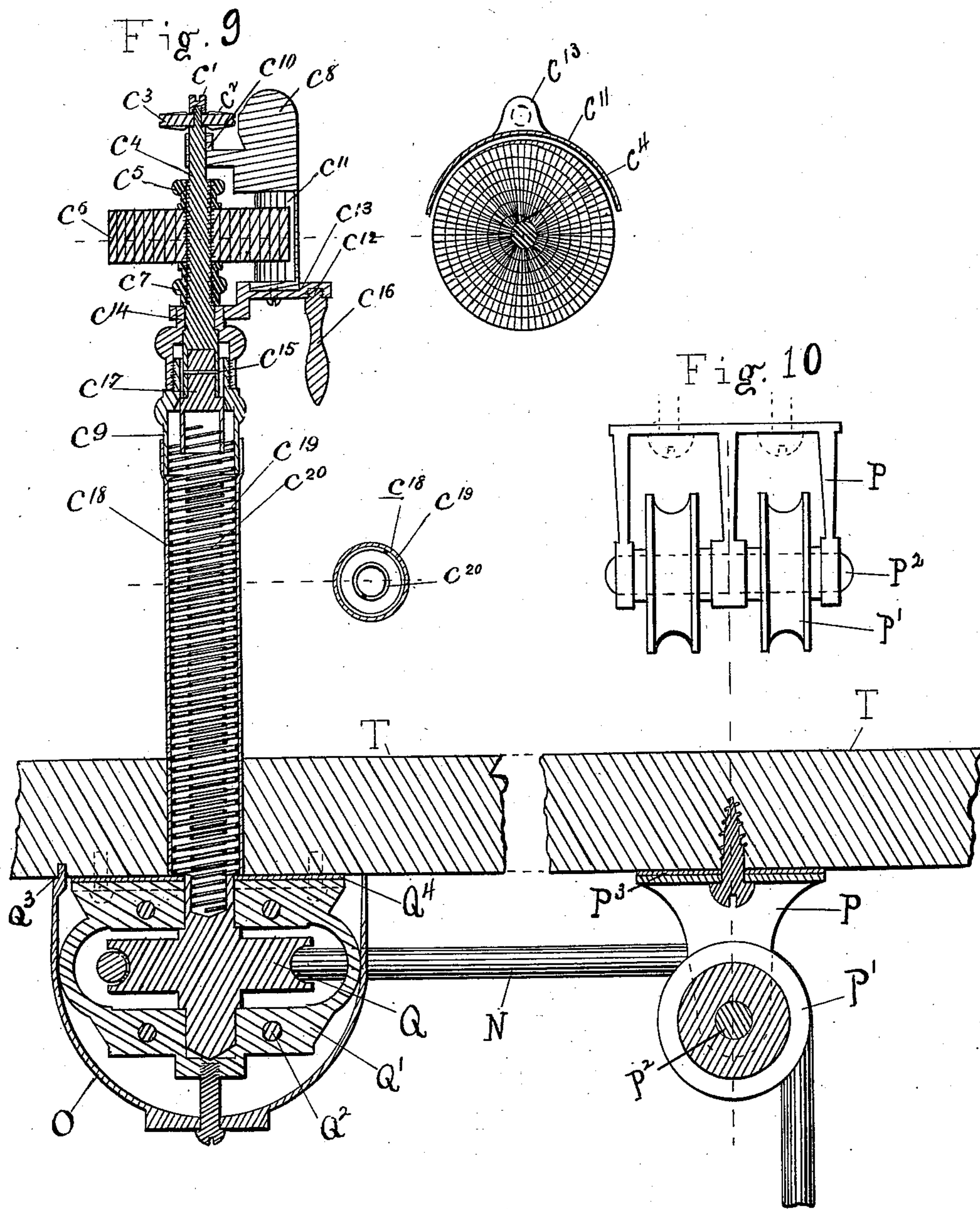
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UNITED STATES PATENT OFFICE.

ALBERT ROSENBERG, OF BALTIMORE, MARYLAND.

MANICURE-TABLE.

SPECIFICATION forming part of Letters Patent No. 557,234, dated March 31, 1896.

Application filed February 28, 1895. Serial No. 540,119. (No model.)

To all whom it may concern:

Be it known that I, ALBERT ROSENBERG, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented new and useful Improvements in Manicure-Tables, of which the following is a specification.

The invention relates to tables or devices used in the profession known as "manicuring," and has for its objects to provide novel arrangement of the devices used in the art of manicuring for the purpose of economizing time, to provide a novel finger-bowl and to provide novel means of operating said finger-bowl, to provide novel means for heating said finger-bowl or the water contained therein, to provide a novel instrument for filing or grinding and for polishing the finger-nails, to provide a novel cover for the said instrument, to provide a novel arm-rest, and to provide novel receptacles for the ointments used in the said manicuring art. These objects I accomplish by the features of construction and combination of devices hereinafter described and claimed, reference being made to the accompanying drawings, illustrating my invention, in which—

Figure 1 is a front elevation of the manicure-table without the arm-rest, showing the devices in position for use. Fig. 2 is a plan view of the same with the arm-rest *h* in position for use. Fig. 3 is a vertical section of the finger-bowl *B* and connections. Fig. 4 is a section on line *x x* of Fig. 4^B of the service-water cock *L* and its operating device. Fig. 4^B is a section on line *y y* of Fig. 4. Fig. 5 is a front elevation of the arm-rest *h*. Fig. 5^b is an end view of the bracket *q*, to which is hinged the arm-rest. Fig. 6 is a vertical section of the ointment receptacle or jar *G*. Fig. 7 shows sections of the instrument-cover *D*, locking device *5*, and plate *D'*. Fig. 8 is an end view of the table-top, showing a shield *XX* of metal to protect the clothing from the Bunsen burner *I*. Fig. 9 is a vertical section of the instrument *C* for filing and polishing attached to its driving-pulley *Q* and its attending hanger *Q'* and guide-pulley *P'* and hanger *P*. Fig. 10 is an end view of the guide-pulley *P'* and hanger *P*. Fig. 11 is a view looking under the arm-rest when in use, showing the cord *y* attached to the switch *y'*. Fig.

12 is a view of the lever *l*, which releases the lever *m* from the slot in the bracket *q*.

Referring to the drawings, the letter *T* designates the table-top and *x* its legs.

Z is a set of drawers to hold the articles of the operator, towels, &c.

E is a gas-jet for illuminating purposes.

B is the finger-bowl, which is fastened to 60 and sunk in the table-top *T*; *A*, its lid, which is preferably pivoted in the bowl *B* at the point *V*, and *d* a thumb-screw to fasten the lid over the bowl *B*.

L is the water-supply cock controlling the 65 flow of water into the bowl at the point *H*².

H is the overflow from the bowl *B* to prevent the water from flooding the top of the table *T*.

K is the cock controlling the waste water from the bowl *B*, at the same time always 70 leaving the overflow connections open, and which obviously avoids the necessity of the operator soiling the hands in manipulating the waste-plug commonly used.

J is the waste-pipe, which can lead to any 75 drain or gutter.

R is a raised molding to prevent the knives and other tools of operator from being knocked off the table.

I is a Bunsen burner placed immediately 80 under the bowl and around the waste-flow for the purpose of heating the water to the desired temperature.

W is a wire or cord attached at one end to the handle or lever *i* of the cock *K* and the 85 other end to the foot-lever *S*. The handle *i* of the cock *K* is also attached to the spring *b*, which is fastened to the table *T*.

F is the lever that controls the supply-cock *L*, which lever is fastened at one end to a 90 strap *f*, (see Fig. 4,) that is fastened around the circular lever of the cock *L*, and the spring *A'* serves to shut off the supply when the pressure is withdrawn from the lever *F*.

M is a gas-cock controlling the supply of 95 fuel to the burner *I* from the supply-pipe *Y*, which is attached to the gas-main or other fuel supply.

To operate the bowl *B*, the lid *A* is swung around, the lever *F* is depressed, water flows 100 in the bowl to the desired quantity, pressure is removed from the lever *F*, and the spring *A'* then closes off the supply. The gas-cock *M* is then turned on and the burner *I* ignited.

After the operation by the manicure the foot-lever S is depressed, which pulls down the lever *i* and opens the cock K until the waste water has passed out through the waste-pipe J. The foot is then removed from the lever S, when the spring *b* pulls back the lever *i*, and the cock K is closed ready for another operation.

In Fig. 5 the bracket *q* is fastened to the table-top T, and to it is hinged the arm-rest *h* at the point *w*. The lever *m* is hinged to the arm-rest *h* at one end *u*. When the arm-rest *h* is pulled into position for use, the lever *m* is pressed by the spring *r* into the slot or niche *z* in the bracket *q*, and thus holds the arm-rest *h* in place. When the operator has finished, he depresses the button or lever *l*, which forces the lever *m* out of the slot *z*, and the arm-rest *h* then drops down out of the way of the operator. On the bracket *q* is a pulley *n*, which guides a strap or cord *y*, which is attached at one end to an electric-motor controller or switch or other power-transmitting controller. The other end is fixed to the arm-rest *h* at *x*, so that when the arm-rest *h* is pulled up into position it also turns on the power-transmitting device, driving the belt N to the instrument C.

In Fig. 7, 1 and 2 are sections of the instrument-cover D, showing the locking device 5, which is pivoted in D. D' is the lock-plate over which the cover D fits, and shows the manner of fastening the plate D' to the table-top T. 6 is the catch for the lock 5 in the cover D. A cross-section at the catch 6 is also shown.

In Fig. 8 the shield X X is fastened to the table-top T, forming a half-cylinder around the bowl B and burner I.

In Fig. 9, (scale full size,) C' is a nut or cap-screw which holds the washers C and the filing-wheel C³ to the shaft C⁴. C⁵ is a thumb-nut which fastens the polishing-wheel or buff C⁶ to the shaft C⁴. C⁷ is another thumb-nut upon the shaft C⁴, which serves to hold the shaft C⁴ in the bearings C¹⁰ and C¹⁴ at the proper height. C¹⁵ is a pin that fastens the ferrule C¹⁷, which is soldered to the spring C²⁰ and to the shaft C⁴. The spring C²⁰ is fastened in the spindle attached to the driving-pulley Q, which revolves in the journal-bearings in the hanger Q', which is screwed to the table-top T. The cup O serves to catch the oil that drops from the hanger Q', which it completely encircles. The lower journal C¹⁴ for the shaft C⁴ is screwed to the ferrule C⁹, which holds the stationary spring C¹⁹ and the outer rubber covering C¹⁸ in which the flexible spindle or spring revolves. C⁸ is the finger-piece attached to the upper bearing or journal C¹⁰ and to the shield C¹¹. The shield C¹¹ is screwed to the base C¹³, which is rigid to the lower bearing C¹⁴. The handle C¹⁶ is fastened in the base C¹³.

The endless belt passes around the pulley Q through suitable openings in the cup O,

and guided by the pair of pulleys P' passes to the pulley on any power-transmitting device. In fastening the hangers P and Q' (see Fig. 9) to the table-top T it is desirable to place between the hangers and the table-top a thin cushion of rubber or other flexible material Q⁴ and P³ to deaden the noise occasioned by the speed of the pulleys.

To use the instrument C, the finger-piece C⁸ is grasped by the thumb and forefinger, and the fourth finger may pass around the handle C¹⁶. The other hand holds the finger of the patient to be manicured. The wheel C³ (of carborundum) is guided around the edge of the finger-nail, grinding it off to the desired length. Then the sheepskin buff-wheel C⁶ (which is made of one continuous piece of sheepskin glued as it is wound spirally) is pressed against the top surface of the finger-nail, giving to the nail a high polish.

It is desirable to use a paste made of oleate of tin and diatomaceous earth or any other metallic oleate and diatomaceous earth in connection with the buff-wheel.

Having described my invention in detail, what I desire to secure by Letters Patent is—

1. The combination of a manicure-table, a bowl connected by suitable means with service-pipes, waste-flow and overflow; suitable cocks to operate the service-pipes and a cock located between the waste-flow and overflow connections, to control the waste-flow so that it will leave the overflow-pipe always open to drain, the valve of said cock at a point outside of the said bowl, to enable the operator to control the waste-flow without soiling the hands; suitable means for operating said cocks, and a Bunsen burner located under the bowl covered by a shield for the purposes substantially as described.

2. The combination of a manicure-table; a bowl; suitable connections with service-pipes; suitable means for heating said finger-bowl; a lid pivoted on the bowl; a shield to protect the apparel of the patient from the heat of the burner; an instrument driven by any suitable power-transmitting device for filing and polishing the finger-nails, a ledge around a portion of the table-top, to prevent the tools of the operator from being knocked off; suitable receptacles for the ointments sunk in the table-top; an illuminator attached permanently to the table-top and an arm-rest for the purposes substantially as described.

3. In a manicuring instrument the combination of a flexible shaft, a filing-wheel and a polishing-wheel secured to said shaft, a handle and shield for manipulating the instrument and means for rotating the shaft substantially as described.

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

ALBERT ROSENBERG.

Witnesses:

DANIEL BASE,
JENNIE D. WOLF.