N. P. METAXAS.

OPERATING TABLE ADJUNCT.

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1,148,980. Patented Aug. 3, 1915.

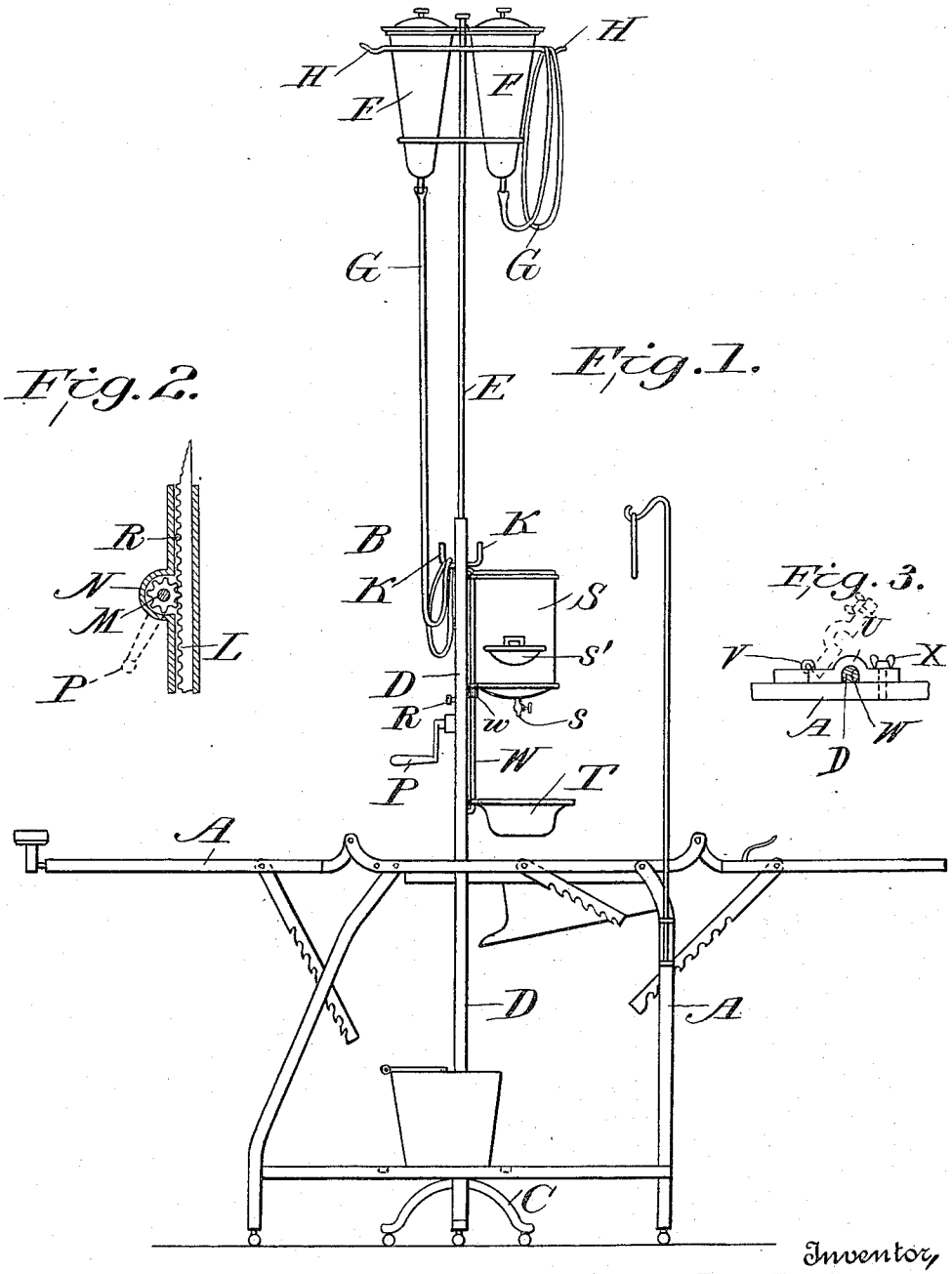


Fig. 1.

Fig. 2.

Fig. 3.

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OPERATING-TABLE ADJUNCT.

1,148,980. Specification of Letters Patent. Patented Aug. 3, 1915.

Application filed December 2, 1914. Serial No. 875,181.

To all whom it may concern:

Be it known that I, NICOLAS P. METAXAS, a subject of the King of Greece, residing at New York city, in the county and State of New York, have invented certain new and useful Improvements in Operating-Table Adjuncts, of which the following is a full, clear, and exact specification.

This invention relates to operating tables and accessories therefor, and has for its object to provide apparatus of this kind with more conveniences, whereby time, which is sometimes vital in surgical operations, may be saved and more effective service rendered the patient.

A special object is to provide as an adjunct to an operating table, an adjustable irrigator in combination with facilities for washing the surgeon's hands with an antiseptic preparation.

Other objects will appear as the description proceeds.

The invention will be first hereinafter described in connection with the accompanying drawings, which constitute a part of this specification, and then more specifically defined in the claim at the end of the description.

In the accompanying drawings, wherein similar reference characters are used throughout the several views to designate corresponding parts: Figure 1 is a side elevation of the table as constructed in accordance with the present invention, with the combined irrigator and washing apparatus arranged at the opposite side, Fig. 2 is a detailed sectional view of part of the irrigator tank adjusting mechanism, and Fig. 3 is a detailed plan view of the device for detachably connecting the combined irrigator and washing apparatus to the operating table.

The operating table proper A may be of any approved construction and the combined irrigator and washing apparatus B may be made separate from or connected to the table in any suitable manner. Preferably, the combined irrigator and washing apparatus is supported on a separate base or pedestal C.

The base or pedestal C is surmounted by a standard D which is made tubular to receive an extensible rod E which supports at its upper end a pair of irrigator tanks F. Communicating with the bottoms of said tanks are tubes G, which when this device is not in use may be coiled upon hooks H formed on the supporting frame for the tanks on the upper end of the rod E, or upon other hooks K on the upper end portion of the tubular standard.

Along one side of the rod E a rack L is formed, as clearly illustrated in Fig. 2, and a gear M is suitably journaled and housed in a casing N projecting from the side of the standard near its upper end. Said gear meshes with the rack L on the rod E, and is adapted to be turned by a crank P shown in Fig. 1 for adjusting the irrigator tanks at different heights so as to vary the pressure of the columns of liquid in the tubes leading from said tanks according to requirements. Any suitable means may be employed for locking the rod E at the desired adjustment and for preventing the weight of the tanks and their contents from causing said rod to move downward when the crank is released. For this purpose, I have shown a removable pin R passed through the tubular standard so as to engage one of the rack teeth as best shown in Fig. 2, but it will be understood that other locking devices may also be used.

Supported on the upper end portion of the standard are a tank S for holding an antiseptic wash or preparation, and a basin T arranged below the tank S. The tank S and basin T are both mounted to swing to one side out of the way when desired. As illustrated, both may be swiveled on a looped bar W secured to the standard D, the tank being held spaced above the basin by a fixed collar *w* on said bar. The tank S may be provided with a spigot or cock *s* in its bottom for drawing off the contents of said tank. A rack or holder *s'* for soap may also be provided preferably on the side of the tank S as shown. It is obvious that when the surgeon is busy performing an operation, the tank S and basin T may be turned out of the way, and that the same may be very quickly brought into position for washing his hands when required without it being necessary for him to leave his place beside the table.

The combined irrigator and washing apparatus may be detachably connected to the operating table by means of a strap U hinged as at V to the edge of the table A and having a notch or groove W to fit around or embrace the standard D of the irrigator and hold it firmly against the edge

of the table when the free end of said strap is secured by the thumb-screw X or other suitable means.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:

The combination with a tubular standard, of an extensible rod fitted in said standard and having a rack on one side, an irrigation tank supported on the upper end portion of said rod, a gear journaled in said standard and meshing with said rack on the rod, means for turning said gear for raising and lowering said irrigation tank, and a removable pin to be inserted in said standard between adjacent teeth of the rack on the rod to lock said rack against movement in the standard.

In testimony whereof I have signed my name to this specification in the presence of two attesting witnesses.

NICOLAS P. METAXAS.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."