March 7, 1933. A. L. ORMSBEE 1,900,255

FLUSHING SYSTEM FOR OPERATING TABLES

Filed June 26, 1931

Fig. 1

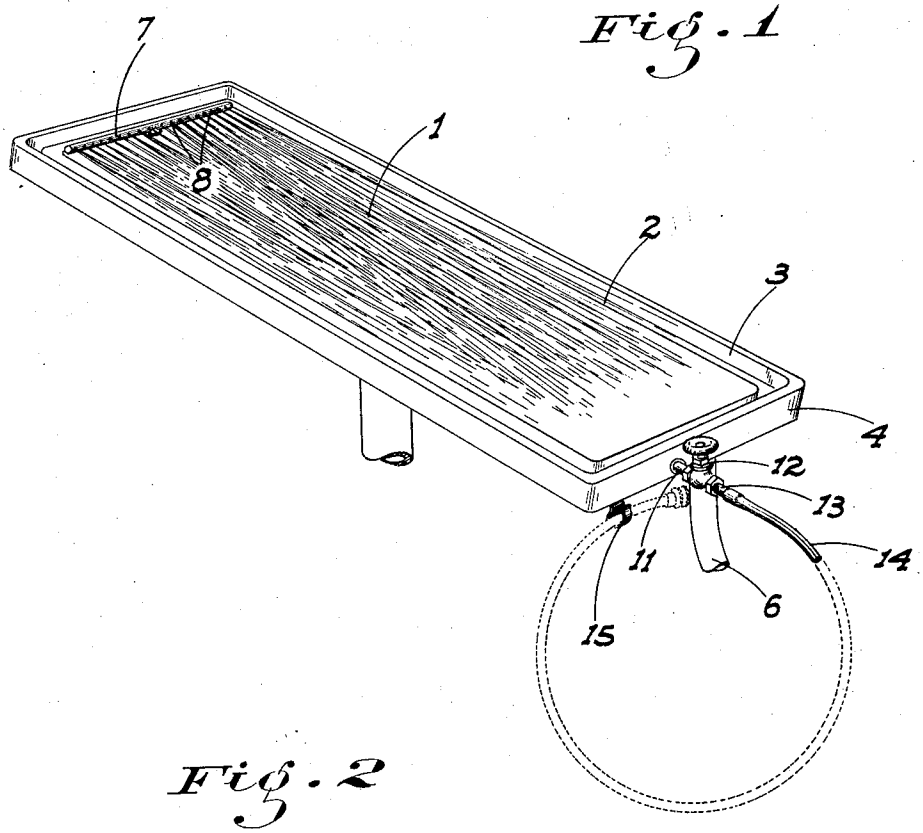
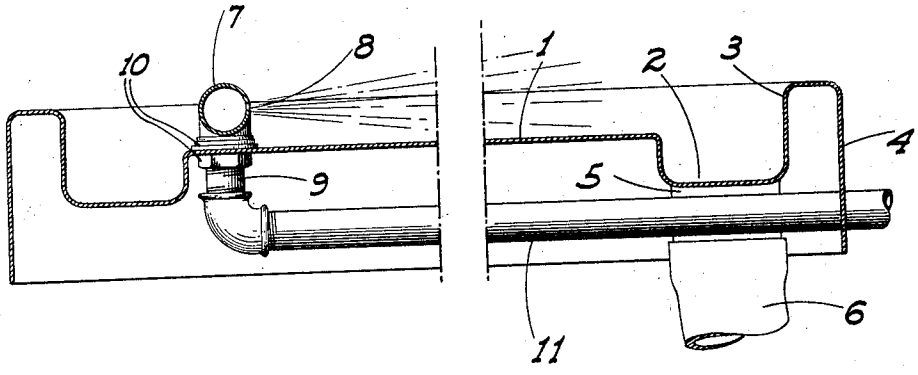


Fig. 2



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FLUSHING SYSTEM FOR OPERATING TABLES

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This invention relates to mortuary equipment and particularly to the operating tables on which post mortem operations are carried out. These tables must be cleaned after each operation and at present this is done by means of a water bucket and a hand operated sponge or swab. This is a disagreeable and nauseating method of procedure as is well recognized by those forced to employ the same.

The present object of my invention is to avoid to a large extent, if not entirely eliminate, the necessity for this hand cleaning method by providing a cleansing water spray arrangement permanently mounted in connection with the table and controlled at will by the operator.

A further object is to provide a means for detachably connecting the spray nozzle to a fixed source of water supply so that the table is capable of a certain amount of movement relative to said fixed source, so that the water may issue from the nozzle while the table is thus being moved. In this manner the cleaning of the table of the matter thereon is enhanced by the fact that the operator may tilt the table in one direction or the other so that the water flowing from the nozzle will run down the gutter on both sides of the table to the drain outlet and said gutter as well as the table will be efficiently flushed without any hand cleaning being resorted to.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawing similar characters of reference indicate corresponding parts in the several views.

Fig. 1 is a perspective view of a standard type of operating table shown equipped with my improved cleansing spray device. Fig. 2 is a fragmentary longitudinal section of the table.

Referring now more particularly to the characters of reference on the drawing, the table which is of standard form comprises a main flat operating surface 1 surrounded by a continuous depressed gutter 2 around the outer edge of which is an upstanding flange 3 higher than the surface 1. Another flange 4 to stiffen the table depends outwardly of the flange 3 to a point lower than the bottom of the gutter. A drain pipe 5 depends from the transverse portion of the gutter at the lower end of the table and is connected to a flexible hose 6 which extends to the drain hopper of the operating room.

Extending across the table at its upper end just below the adjacent transverse stretch of the gutter is a nozzle pipe 7, provided throughout its extent with spray holes 8 facing the lower end of the table. The type of spray device here shown may be considered as being conventional or for purposes of illustration only, since any other type of spray device which will throw a stream across the table in the direction of its lower end could be used with equally good results. A nipple 9 is connected to the spray pipe intermediate its ends and projects through a hole in the table. The spray pipe is held in a rigid position relative to the table and a watertight seal about the whole provided by means of a suitable gasket and locking nut arrangement as indicated at 10.

A longitudinal pipe 11 is connected to the lower end of the nipple and extends to the lower end of the table where it projects through the corresponding flange portion 4 below the gutter. A hand valve 12 of suitable character is connected to the end of the pipe beyond the table. A nipple 13 connected to the outer end of the flange has a length of flexible hose 14 secured at one end thereto, which at its outer end is adapted for detachable connection to the fixed water supply hydrant of the operating room. The table as usual is mounted for vertical movement relative to its supporting base and also for tilting movement, and said conduit 14 being flexible enables the table to be thus moved or tilted while maintaining the spray device connected to the source of supply. By manipulating the table as indicated in the preamble the water issuing from the nozzle can

be caused to efficiently flush the gutter as well as the main surface of the table.

In order to support the outer end of the hose in conjunction with the table when said hose is disconnected from the supply hydrant, I provide a spring clip 15 or similar device which is mounted on the lower portion of the flange 4 in a convenient position to enable the hose to be engaged therewith as indicated in Fig. 1.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

Having thus described my invention what I claim as new and useful and desire to secure by Letters Patent is:

1. In combination with a mortuary operating table, a transversely extending water spray device mounted in connection with the table adjacent its upper end to discharge a spray onto the table in the direction of its lower end, a conduit connected to said device and extending to and beyond the lower end of the table for connection to a fixed source of water supply, and a control valve interposed in said conduit.

2. In combination with a mortuary operating table, a water spray device disposed above the table adjacent its upper end to discharge a spray onto the table in the direction of its lower end, a pipe connected to the device and projecting through the table, and a flexible hose connected at one end to the pipe and adapted at its opposite end for detachable connection to a fixed water supply pipe.

3. In combination with a mortuary operating table, having a depending flange all around the same, a water spray device fixed in connection with and above the table adjacent its upper end to discharge a spray onto the table in the direction of its lower end, a rigid conduit connected at one end to said device and extending thence lengthwise of and under the table and through the flange at the lower end of the table, a hand valve connected to the conduit beyond the table, and a flexible conduit connected at one end to said valve and adapted at its other end for connection to a fixed water supply pipe.

In testimony whereof I affix my signature.

ARNOLD L. ORMSBEE.