

No. 777,998.

PATENTED DEC. 20, 1904.

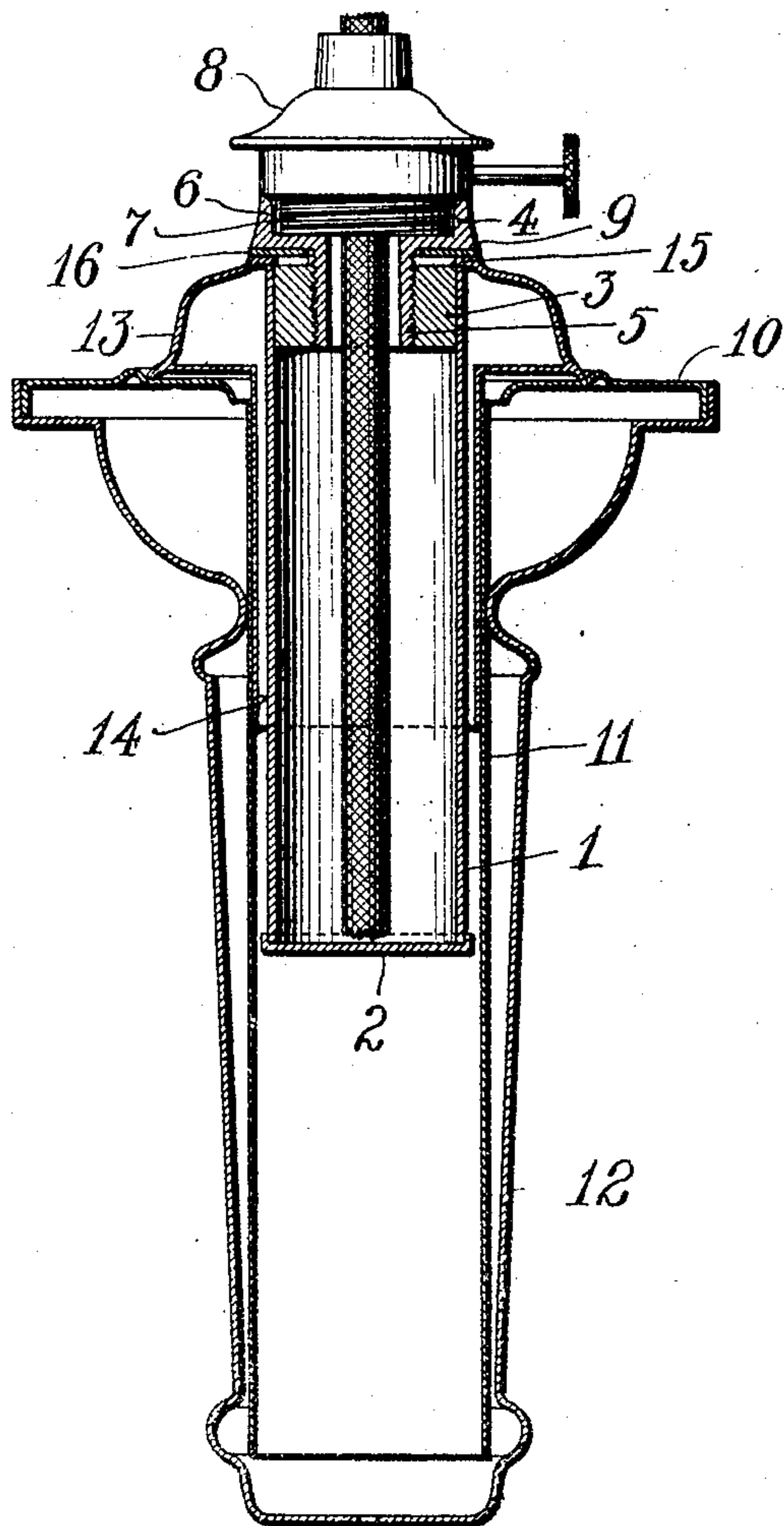
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LAMP.

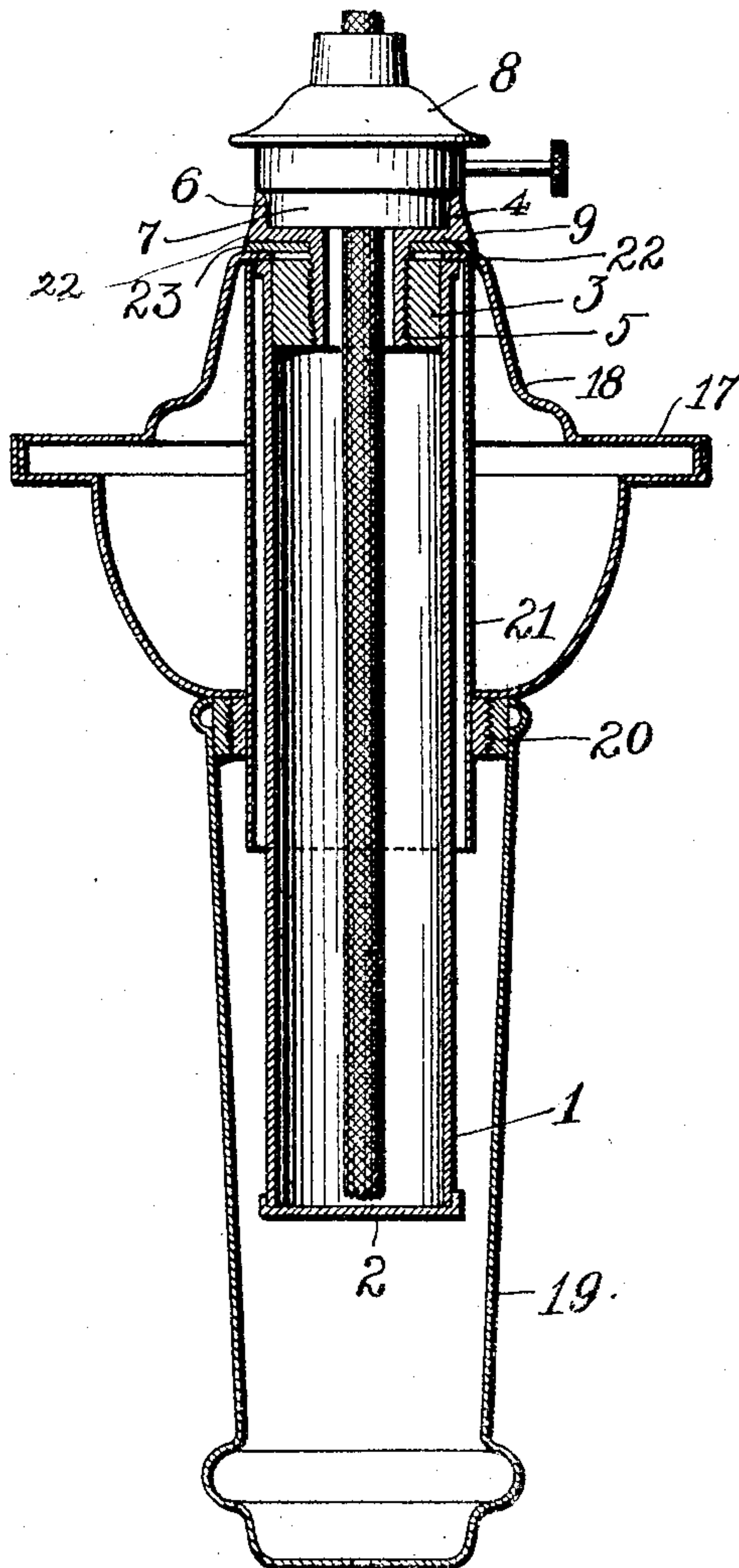
APPLICATION FILED FEB. 9, 1904.

NO MODEL.

*Fig. 1*



*Fig. 2*



WITNESSES:

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INVENTOR

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# UNITED STATES PATENT OFFICE.

JOHN C. ASCHENBACH AND JOSEPH W. ASCHENBACH, OF PHILADELPHIA,  
PENNSYLVANIA.

## LAMP.

SPECIFICATION forming part of Letters Patent No. 777,998, dated December 20, 1904.

Application filed February 9, 1904. Serial No. 192,747.

*To all whom it may concern:*

Be it known that we, JOHN C. ASCHENBACH and JOSEPH W. ASCHENBACH, citizens of the United States, and residents of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain Improvements in Lamps, of which the following is a specification.

This invention relates more particularly to vehicle-lamps; and it has for its leading object to provide an improved lamp having means for preventing the spillage of oil adapted for the use of usual commercial burners and for substitution in usual commercial sockets designed for candles or oil-cups.

In the accompanying drawings, Figure 1 represents a vertical sectional view of our invention applied to a usual lamp-socket, and Fig. 2 represents a vertical sectional view of the same applied to a usual candle-socket.

As shown in the drawings, a cylindrical tube 1, preferably of drawn brass, has its lower end closed by the bottom 2 and its upper end fitted with a comparatively deep nut 3, of comparatively small bore, brazed or otherwise secured therein. A reducing-socket or burner-support 4 has the hollow or tubular screw-threaded stem 5, which fits the bore of the plug 3, and the plain seat 6, which frictionally engages the base 7 of the burner 8, the socket-stem 5 being longer and smaller in diameter than the burner stem or base 7. The base 7, being screw-threaded in the usual form, may be soldered or otherwise hermetically sealed in the seat 6 to form a tight joint.

As shown in Fig. 1, our lamp is adapted for use in place of the usual carriage oil-lamp. In this case the lamp-base 10, having the depending interior tube 11 and the depending exterior tube 12, seats a cup 13 of the form usually employed for holding oil, excepting that an open tube 14 has been substituted for the usual shallow closure or bottom, the tube 14 being adapted to fit snugly in the tube 11. The cup or pedestal 13 being removable, the tube 1 is inserted in the tube 14 from below, and the stem 5 is screwed into the nut 3, clamping the tube 1 and burner 8 to the pedestal-flange 15, a packing-ring 16 being used to form a tight joint. The parts being thus

connected, upon the insertion of the tube 14 in the tube 11, the pedestal 13 being seated on the base 10, a firm structure is produced, providing tight joints and ample oil-space for maintaining a light for a number of hours.

As shown in Fig. 2, the improvements are applied to apparatus adapted for holding a candle, comprising a base 17, having a pedestal or candle cap 18 rising therefrom and a depending tube 19 connected therewith by the joint 20, the base carrying the candle socket or tube 21. The lamp is assembled by removing the tube 19, passing the tube 1 up through the tube 21, and engaging the socket 6 and burner 8 by inserting the stem 5 in the nut 3, the tube 1 and socket 6 engaging the cap-flange 22 and the packing-ring 23.

It will be observed that the burner-socket has a flange 9, which projects beyond the tube 1 to provide for hanging the lamp in those structures employing a plain tube 21 without the overhanging cap-flange 22.

There is thus provided a tight, strong, and durable lamp adapted to be firmly connected in usual cup-seats or candle-caps and to employ a usual type of commercial burner readily replaced when destroyed by use.

Having described our invention, we claim—

1. In a lamp, a lamp-base, a tube depending therefrom, a pedestal supported by said base, a tube depending from said pedestal and surrounded by the lamp-base tube, an oil-receptacle within said tubes, and a burner connected with said receptacle, substantially as specified.

2. In a lamp, a lamp-base, a tube depending therefrom, a pedestal removably supported by said base and having a depending tube surrounded by the lamp-base tube, an oil-receptacle within said tubes and a burner connected with said receptacle, substantially as specified.

In testimony whereof we have hereunto set our hands, this 4th day of February, 1904, in the presence of the subscribing witnesses.

JOHN C. ASCHENBACH.

JOSEPH W. ASCHENBACH.

Witnesses:

THOMAS S. GATES,  
C. N. BUTLER.