

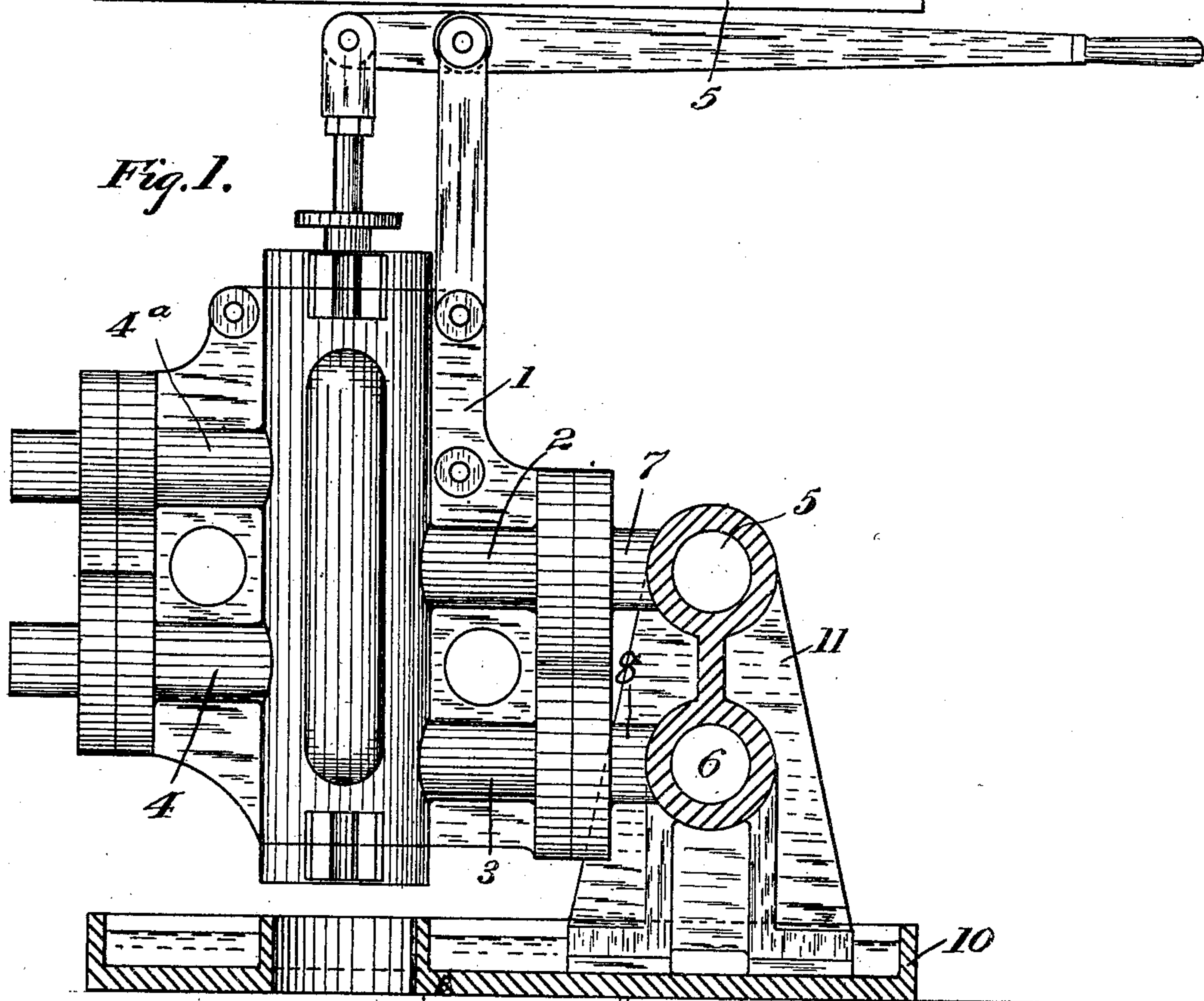
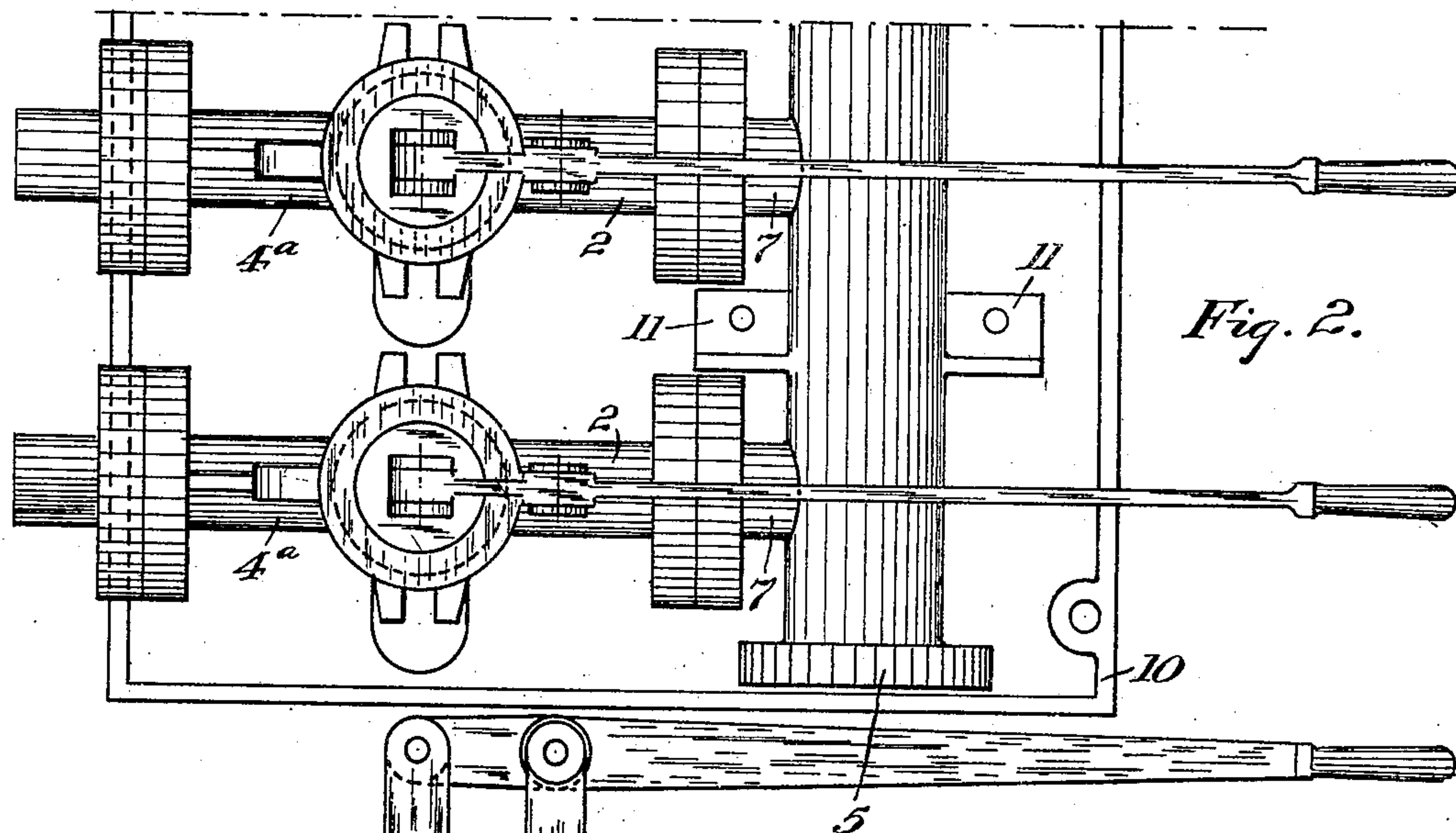
No. 822,846.

PATENTED JUNE 5, 1906.

C. W. A. KOELKEBECK.

VALVE.

APPLICATION FILED MAR. 18, 1905.



WITNESSES:
J. D. Thompson
Kathryn Bostwick

INVENTOR.
Carl W. A. Koelkebeck
BY
W. G. Doolittle
ATTORNEY.

UNITED STATES PATENT OFFICE.

CARL W. A. KOELKEBECK, OF CLEVELAND, OHIO.

VALVE.

No. 822,846.

Specification of Letters Patent.

Patented June 5, 1906.

Application filed March 18, 1905. Serial No. 250,749.

To all whom it may concern:

Be it known that I, CARL W. A. KOELKEBECK, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented new and useful Improvements in Valves, of which the following is a specification.

My invention relates to improvements in valves designed for use in connection with hydraulic machinery such as shown in United States Patent No. 743,985, granted to me November 10, 1903; and the present invention particularly relates to a new and improved pulpit or means for supporting a valve or a series of valves of the class mentioned.

In the accompanying drawings, which illustrate an application of my invention, Figure 1 is a part elevational view and a part sectional view of a four-way valve and pulpit constructed in accordance with my invention, and Fig. 2, a plan view showing two valves and connections.

Referring to the drawings, 1 represents the housing of a four-way valve provided with a supply-passage 2, an exhaust-passage 3, and two machine-passages 4 and 4^a. The machine-passages are placed on one side of the housing and the supply and exhaust passages on the opposite side. The supply and exhaust passages are each respectively in communication with manifolds 5 and 6. As illustrated and as preferred, these manifolds are cast together, as particularly shown by Fig. 1, the supply-manifold 5 being above and directly in line with the exhaust-manifold 6. The supply-passage 2 of the valve is connected up with the supply-manifold by means of nozzle or passage 7, formed integral with manifold 5, and the exhaust-passage 3, connected with the exhaust-manifold 6 by nozzle or passage 8.

9 represents a suitable foundation on which a drip-pan 10 rests. The manifolds are mounted on drip-pan 10 and are supported thereon by supports 11.

By the construction shown and described the valve-housing or a series of housings are supported in such a manner as to permit

ready access to the lower end or ends of the housing or housings. The importance of supporting valves of the class to which my invention relates, so that ready access may be had to the lower ends of the valves, will be appreciated by those skilled in the art; but I desire to call particular attention to this feature of my invention.

In the drawings I have shown only two valves in connection with the valve-pulpit. It should be understood, however, that any desired number of valves may be supported by and connected up with the pulpit by merely lengthening the manifolds.

What I claim is—

1. A valve-pulpit comprising a supply-manifold, an exhaust-manifold, a support for said manifolds, each manifold provided with means adapted to be respectively connected with the supply and exhaust passages of a valve and arranged to support the valve to permit access to the lower end of the valve, substantially as set forth.

2. A valve-pulpit comprising a supply-manifold, an exhaust-manifold, said manifolds in different horizontal planes but in the same vertical plane, said manifolds each provided with passages adapted to respectively connect with the supply and exhaust passages of a valve and arranged to support the valve to permit access to the lower end of the valve, substantially as set forth.

3. The combination with a valve having its supply and exhaust passages located on the same side of the valve, of a valve-pulpit comprising a supply-manifold, an exhaust-manifold, said manifolds each provided with passages adapted to respectively connect with the supply and exhaust passages of the valve and arranged to support the valve to permit access to the lower end of the valve, substantially as set forth.

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

CARL W. A. KOELKEBECK.

Witnesses

FREDA M. GONDER,
H. SUSSER.