No. 675,104. Patented May 28, 1901.

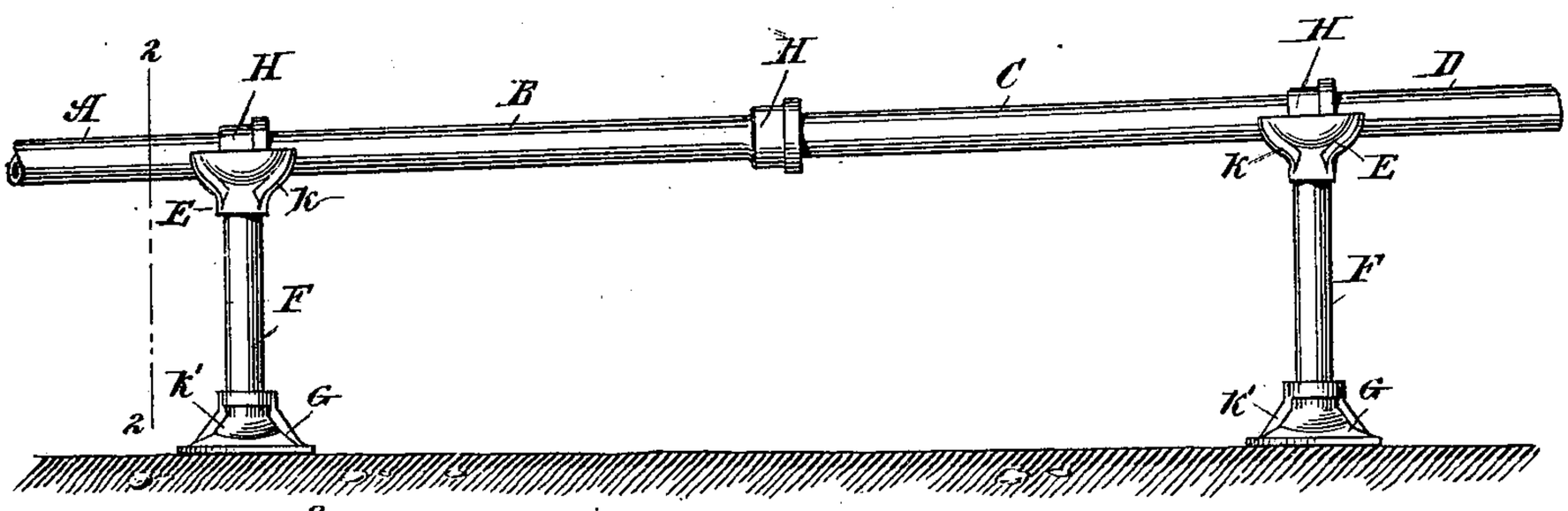
J. F. OBERLE.

BRACKET OR SUPPORT FOR DRAIN PIPES.

(Application filed Dec. 6, 1900.)

(No Model.)

Fig. 1.



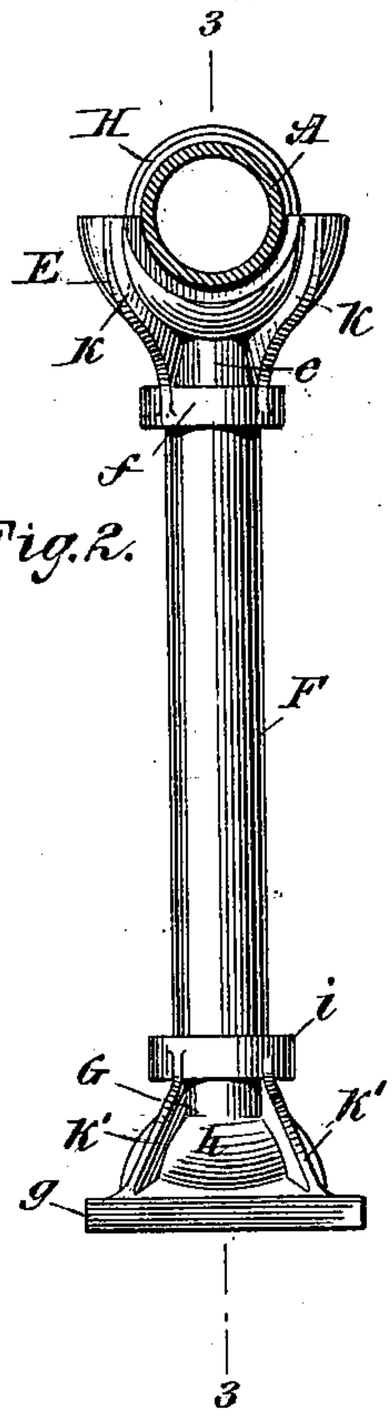


Fig. 2.

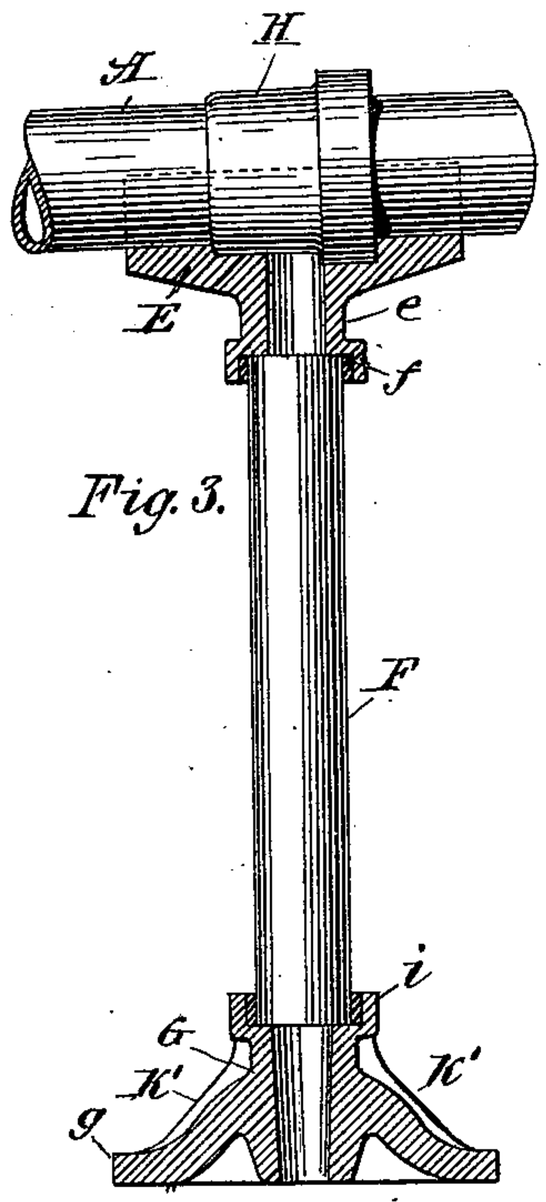


Fig. 3.

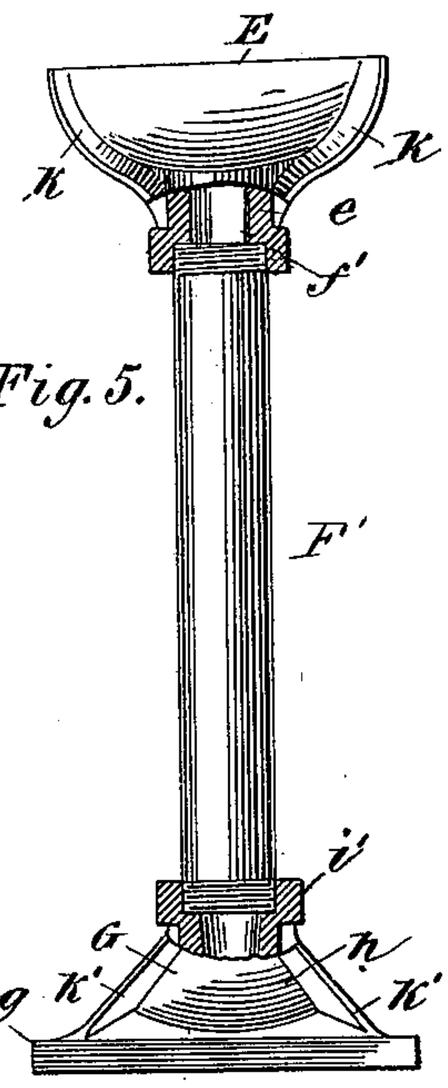


Fig. 5.

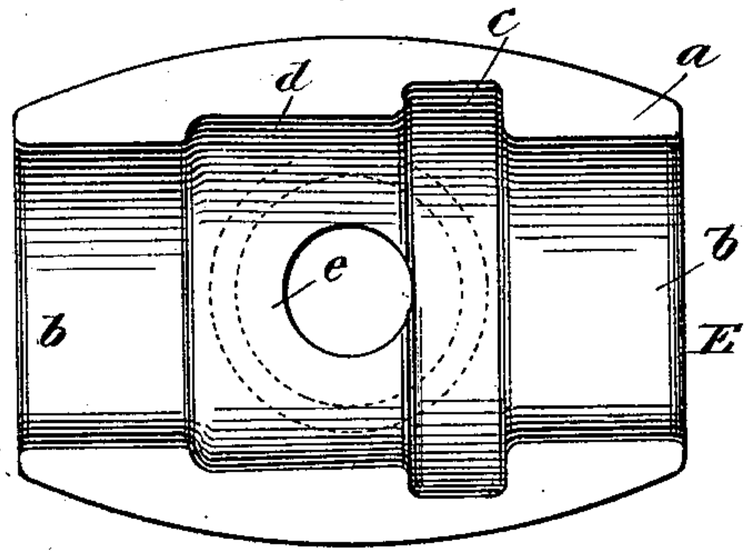


Fig. 4.

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BRACKET OR SUPPORT FOR DRAIN-PIPES.

SPECIFICATION forming part of Letters Patent No. 675,104, dated May 28, 1901.

Application filed December 6, 1900. Serial No. 38,870. (No model.)

To all whom it may concern:

Be it known that I, JACOB F. OBERLE, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have made and invented certain new and useful Improvements in Brackets or Supports for Drain-Pipes, of which the following is a specification.

My invention relates to an improved bracket or support for drain-pipes, the object of the same being to provide a device of this kind or character which may be used in lieu of the brick column of masonry now generally employed for this purpose and which will be much cheaper, far more effective, much quicker to install, and more desirable in every way than said column of masonry.

With these and other ends in view my invention consists of a bracket or support, preferably made of metal and consisting of three parts—namely, a head, standard, and base—combined and arranged as hereinafter fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in side elevation of a portion of drain-pipe having my improved bracket or support applied thereto. Fig. 2 is a sectional view taken on the line 2 2 of Fig. 1. Fig. 3 is a view, partly in section and partly in elevation, taken on the line 3 3 of Fig. 2. Fig. 4 is a detached plan view of the head. Fig. 5 is a view of a modification, partly in section and partly in elevation.

Referring to the drawings, I have shown in Fig. 1 a portion of a drain-pipe consisting of the sections A B C D, these sections being of any desired length and jointed at their ends in the usual way. This pipe is supported at one or more joints, and preferably at the alternating joints, by means of my improved bracket or support, which consists of the head E, standard F, and base G, said head being of semitubular form and shape to nicely receive and contain said joints—that is, the head consists of the semitubular part *a*, the ends *b* of which are curved or hollowed out in accordance with the diameter of the drain-pipe with which it is to be employed. Toward the center of the head is formed the deeper groove *c*, and between the latter and the extreme end is also formed the wider and shallower recess or groove *d*, this peculiar formation of the head conforming to the shape of the enlarged ends H, formed on each section of a drain-pipe, the effect being that within the head snugly fits the joint of the drain-pipe when the parts are combined as shown in section in Fig. 3 of the drawings.

From the lower side of the head E extends the restricted neck *e*, the lower end of which is enlarged, as shown at *f*, to form a receptacle for receiving and containing the upper end of the standard F. It will be noticed from the drawings that with relation to the neck *e* and receptacle *f* the tubular portion of the head is formed on a slant in order to conform to the fall or pitch of the drain-pipe.

The standard F consists of a piece of pipe of suitable length and diameter and for which may be utilized the waste ends or pieces of pipe usually thrown away or discarded by the plumber or workman, and thereby effecting a saving of material for which there has heretofore been no use. The base G is preferably formed of the base proper or flange *g*, from which rises the body *h*, the latter merging into the receptacle *i*, in size adapted to contain the lower end of the standard F, said receptacles *f* and *i* being of such size as to leave sufficient room around the upper and lower ends of the standard for corking or packing the same with metal or other desired material.

For the purpose of strengthening the head and base I prefer to form the same with ribs or flanges *k k'*, respectively, although it is evident such may be omitted, and for the purpose of lightening and cheapening said head and base I prefer to cast or form the same with hollow necks, although, if desired, they may be made solid. Again, as shown in Fig. 5 of the drawings, I may thread the upper and lower ends of the standard F' into the receptacles *f' i'* of the head and base, respectively, whereby said head may be vertically adjusted toward or away from the base to conform to the height of the said pipe above the foundation upon which rests said base.

From the foregoing it will be understood that my invention is exceedingly simple, can be made at a small cost, in that the head and base may be cast into proper shape and size and the standard formed from waste or discarded ends or pieces of pipe, and that the

same may be easily and readily set up in place and when completed will be far more effective and more sightly in appearance than the masonry heretofore usually employed for the same purpose.

While I have described my improved bracket or support as being used in connection with drain-pipes, it will of course be evident to those skilled in the art and without further illustration that it may be employed for sustaining or supporting water-pipes or pipes containing electric wires or conductors or, in fact, for supporting or sustaining pipes used for any purpose whatever.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A support for a drain-pipe, consisting of a head made in semitubular form, and of a size to contain the enlarged end of a section of drain-pipe, a vertical standard connected with and supporting the head, and a base fitted to the lower end of said standard for supporting the latter and said head, substantially as described.

2. A support for a drain-pipe, consisting of a head of semitubular form, and of a size to contain the enlarged end of a section of drain-pipe, a standard connected with said head and with relation to which said head is inclined or slanting, and a base formed with a receptacle, into which fits the lower end of said standard, substantially as described.

3. A support for a drain-pipe, consisting of a head of semitubular form and provided with grooves as described, and with a depending neck, a standard, the upper end of which is fitted into said neck, and a base, into which fits the lower end of said standard, said head being pitched or slanting with relation to said standard, substantially as described.

4. A support for a drain-pipe, consisting of a head of semitubular form and grooved to receive the enlarged end of a section of drain-pipe, said head being provided with a depending neck formed into a receptacle and with relation to which neck said head is pitched or slanting, of a standard, the upper end of which is fitted into said receptacle, and a base, also formed with a receptacle, into which fits the lower end of said standard, substantially as described.

5. In a support for a drain-pipe, the combination with the head E formed with the recesses *b*, *c*, *d*, to contain the enlarged end of a section of drain-pipe, and with the receptacle *f*, of a standard F and a base G, the latter being provided with the receptacle *i*, the extreme ends of said standard F being fitted into said receptacles *f*, *i*, substantially as described.

Signed at New York, in the county of New York and State of New York, this 4th day of December, A. D. 1900.

JACOB F. OBERLE.

Witnesses:
GEORGE COOK,
M. VAN NORTWICK.