

(No Model.)

J. G. MORRISON.
SINK BACK.

No. 417,266.

Patented Dec. 17, 1889.

FIG. 1.

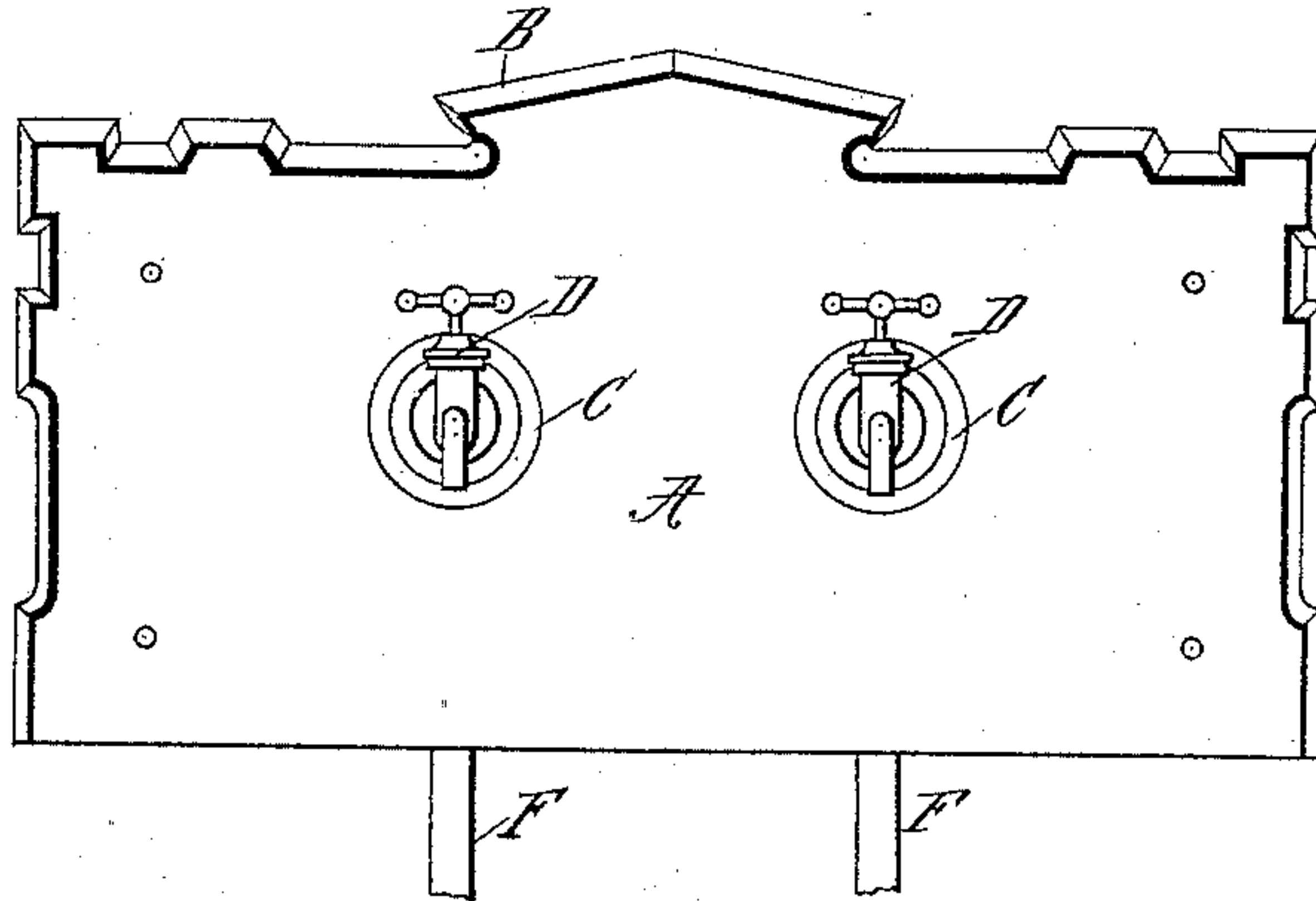


FIG. 2.

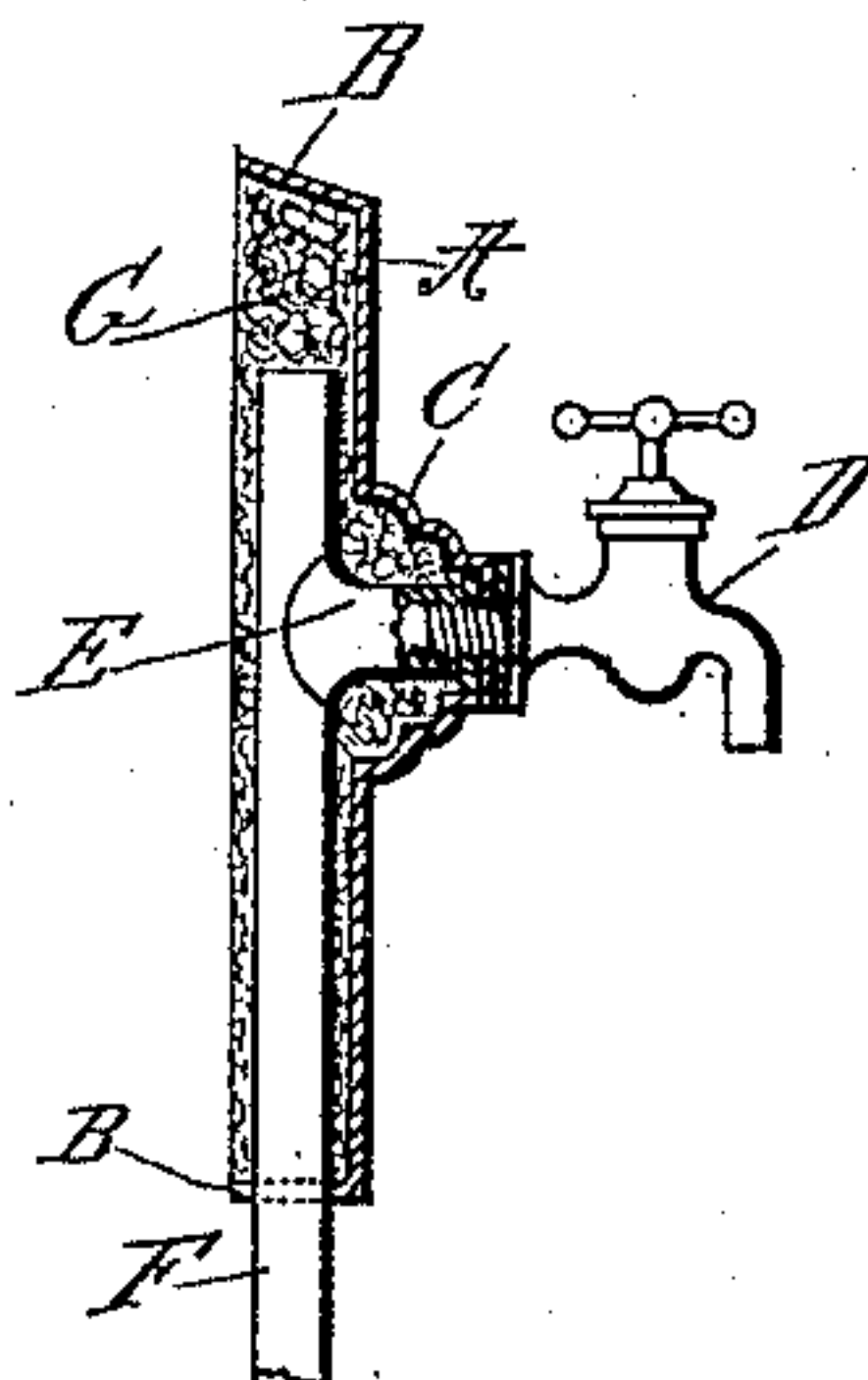
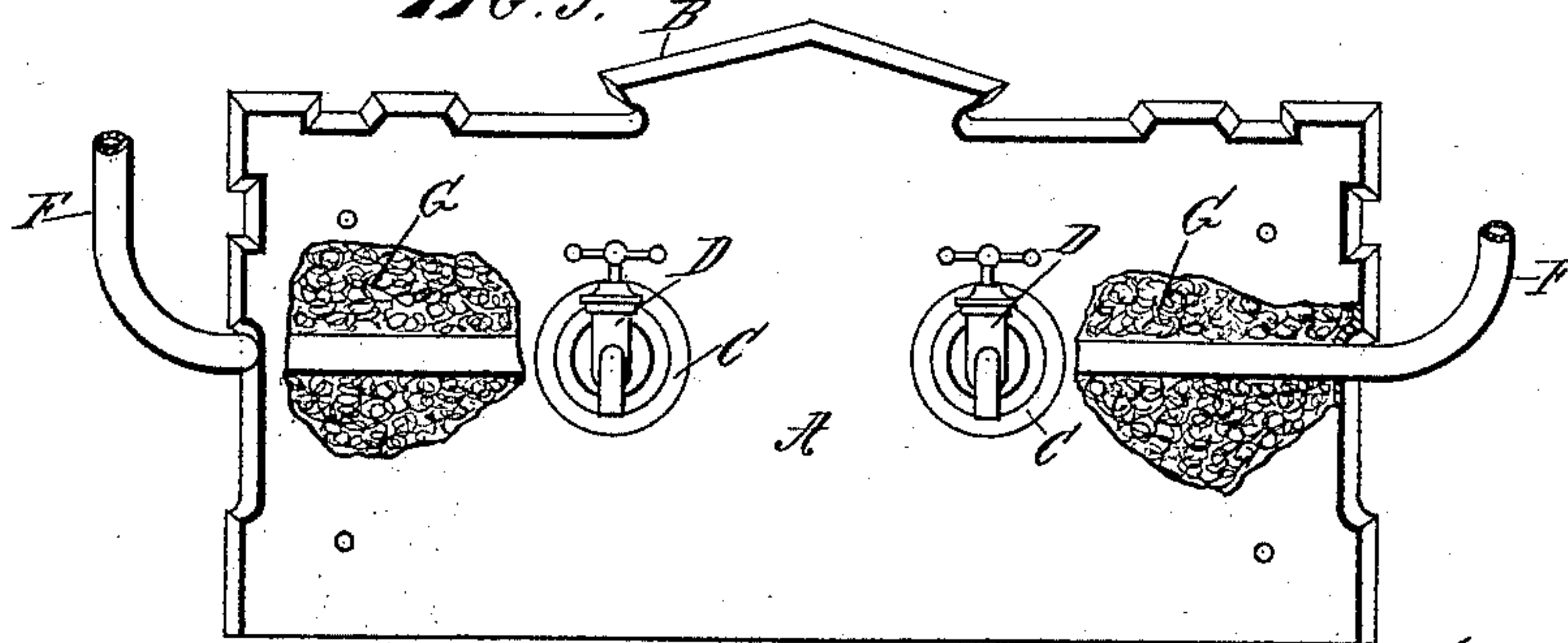


FIG. 3.



Witnesses:
John Buckle,
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Inventor:
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UNITED STATES PATENT OFFICE.

JOHN G. MORRISON, OF BROOKLYN, NEW YORK.

SINK-BACK.

SPECIFICATION forming part of Letters Patent No. 417,266, dated December 17, 1889.

Application filed August 13, 1889. Serial No. 320,650. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. MORRISON, a citizen of the United States, and a resident of the city of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Sink-Backs, of which the following is a specification.

My invention relates to that class of articles known as "sink-backs," and intended for use at the backs of kitchen-sinks and in other similar situations to protect the wall, and for other purposes.

The object of my invention is to provide a simple, convenient, and readily-applicable article of the class named, which will admit the water-pipes behind it and while permitting of such pipes leading to or from it in any direction will afford a space or chamber for packing or filling to prevent freezing, as well as access of water or moisture to the space behind it, and will at the same time exclude vermin, &c., therefrom. To accomplish all of this, and to secure other and further advantages in the matter of construction, operation, and use, my improvements involve certain new and useful peculiarities of construction, arrangement, or combination of parts, as will herein be first fully described, and then pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a front elevation, and Fig. 2 a vertical sectional view of my improved sink-back, the water-pipes being represented in place and as leading up from below the back. Fig. 3 is a view in elevation (portions being broken out in section) showing water-pipes leading from the sides and intended to indicate that they may enter the recess provided for them from any direction.

In all the figures like letters of reference wherever they occur indicate corresponding parts.

A is the plate constituting the front of the sink-back. It is preferably made of cast metal, and is of any preferred contour, varying in size according to the location in which it is to be used. Extending around this plate and at the back thereof is a flange B, calculated to rest against the wall, and thus furnish a chamber or recess in which the water-pipes may be located.

At C C are perforated bosses, preferably cast with the plate A, and intended to admit the threaded necks of faucets D, which engage with nipples E on the water-pipes F.

Heretofore narrow recesses have been formed at the rear of a sink-back, and also ridges have been formed in the face of a sink-back of the proper size to receive the water-pipes, but these necessitated leading the pipes up from the bottom and could not accommodate them if leading in from any other direction. The use of such forms is at times impracticable, and frequently only after expensive special plumbing.

With my improved form it is only necessary to cut the flange B at any point or points where the pipe or pipes are to pass, be it at the top, bottom, or sides. The cutting is easily accomplished by any suitable tool, as a hack-saw, &c., and thus the sink-back is fitted to accommodate the plumbing rather than the reverse. The pipes are sometimes continued up from the sink, in which case the flange B has only to be notched at the proper points and fitted over the pipes.

The flange B rests evenly against the wall and forms a continuous bearing all around, by reason of which the back is solidly held in place. The recess or chamber bounded by the flange B may be packed with asbestos, plaster-of-paris, or other suitable packing, if desired, as represented at G. This surrounds the pipes and prevents water therein from freezing. It also adds to the solidity of the sink-back when in place, excludes moisture, and prevents ingress to vermin, &c., the desirability and practical advantages of all of which need not be herein enlarged upon.

Being constructed and arranged substantially as above explained, the improved sink-back has been found to admirably answer the purposes and objects of the invention previously set forth.

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

1. In a sink-back of the character herein set forth, the combination, with the main plate provided with perforated bosses to receive the faucets, of the marginal flange at the rear of said plate, forming a recess into or through which the water-pipes may be led

in any direction, substantially as and for the purposes set forth.

2. A sink-back having a front plate A, provided with perforated bosses for the faucets,
5 and a rearwardly projecting marginal flange of a depth sufficient to receive pipes between the front plate and the object to which the sink-back is to be placed, and also thereby adapted to receive such pipes in any direc-

tion, combined with a packing or filling introduced between the flange and the front plate, substantially as described.

In testimony whereof I have hereunto set my hand this 6th day of August, 1889.

JOHN G. MORRISON.

Witnesses:

JAMES GILMOUR,
EGBERT S. MOTT.