

No. 661,883.

Patented Nov. 13, 1900.

R. F. B. LOGAN.
WELL-BUCKET.

(Application filed Apr. 12, 1900.)

(No Model.)

Fig. 1.

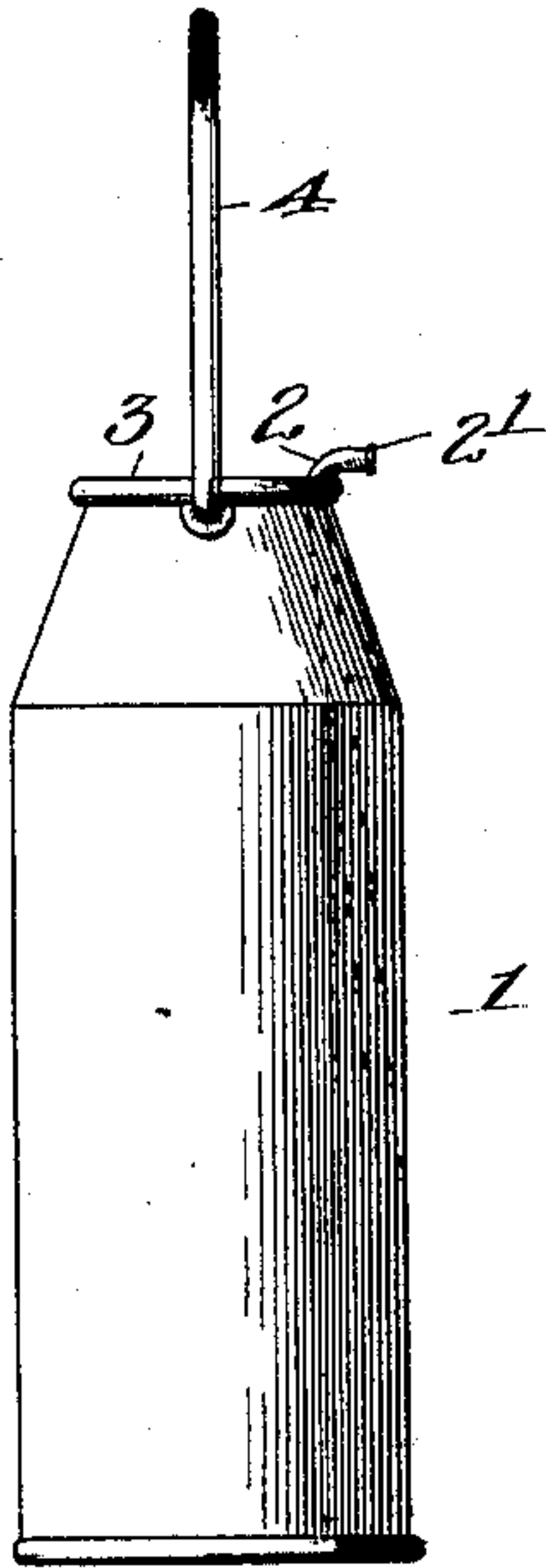
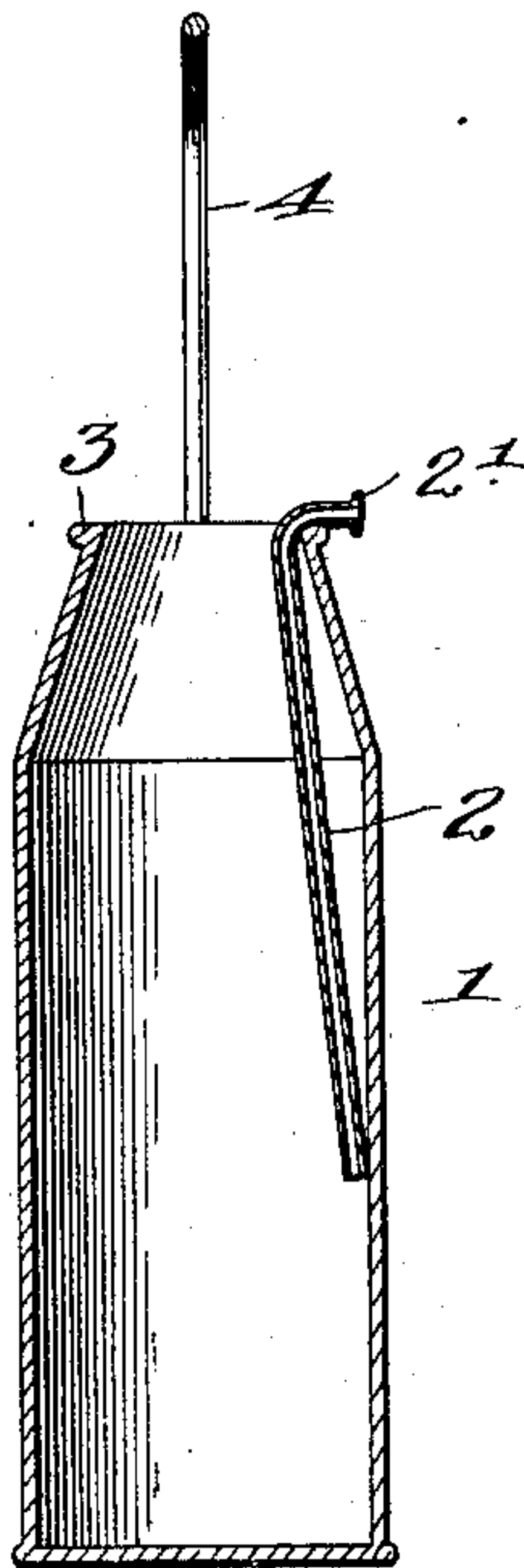


Fig. 2.



Witnesses:
C. D. Hesler
J. B. Kiefer

Inventor:
Robert F. B. Logan

By James L. Norvig
Atty

UNITED STATES PATENT OFFICE.

ROBERT F. B. LOGAN, OF CUB LAKE, MISSISSIPPI, ASSIGNOR OF ONE-HALF
TO THOMAS ROE MAXWELL, OF HERNANDO, MISSISSIPPI.

WELL-BUCKET.

SPECIFICATION forming part of Letters Patent No. 661,883, dated November 13, 1900.

Application filed April 12, 1900. Serial No. 12,595. (No model.)

To all whom it may concern:

Be it known that I, ROBERT F. B. LOGAN, a citizen of the United States, residing at Cub Lake, in the county of De Soto and State of Mississippi, have invented new and useful Improvements in Well-Buckets, of which the following is a specification.

It is the purpose of my invention to provide a drinking-tube having such construction that it may be permanently connected to water-buckets, particularly those now in common use in drawing water from bored wells the walls of which, near their upper portions, converge to the outlet, providing a neck of reduced diameter, so that a person who merely desires a drink of water can easily procure the same without being compelled to lift the filled bucket or to puncture it or to resort to any other temporary expedient for obtaining access to the water.

The exact nature and construction of my said invention will be fully described in the following specification and then more particularly pointed out and defined in the claim at the close of the same.

For the purposes of the following description reference is had to the accompanying drawings, in which—

Figure 1 is a side elevation of a well-bucket resembling those used in bored wells with my invention applied thereto. Fig. 2 is a central vertical section of the parts shown in Fig. 1, the section-plane passing through the drinking-tube.

The reference-numeral 1 in said drawings indicates a bucket for drawing water from wells, and particularly that form of bucket commonly used in bored wells, in which the walls of the bucket, near the upper portion thereof, converge to the outlet, providing a reduced neck or a neck which is of less diameter than the main body of the bucket. The difficulty of drinking from such a bucket or obtaining water from it in any way is a matter of common experience to men who have passed the summer in regions where the bored wells are in use.

The reference-numeral 2 denotes a drinking-tube made, preferably, of a metal that does not readily oxidize—such, for example, as aluminium. I may, however, use any

other material that is suitable for the purpose in view. The tube 2 is straight and is arranged inside the bucket 1, to which it is soldered or otherwise permanently fastened at the rim 3. The upper end of the tube is turned outward over the rim of the bucket and terminates in a peripheral annular flange 2'. The flanged end of the tube is inside of the line of the wall of the main body of the bucket, so that it is protected from injury or possibility of collision with the well-curb. I prefer to locate the tube between the two points of attachment of the bail 4, although I do not limit my invention to any particular point. The drinking-tube may extend downward in the bucket as far as desired; but ordinarily a tube about eighteen inches or perhaps two feet in length will answer every purpose. It may be secured to the interior of the bucket, at or near the lower end of the latter, either by solder or in any other suitable manner.

With a bucket of the form shown having a drinking-tube permanently connected to it any person can easily get an unlimited draft of cool water by merely taking the upper end of the drinking-tube between his lips and exerting the required suction.

I am aware that buckets having a substantially cylindrical lower portion and a diminishing or tapered upper portion have long been used in tube-wells and that various forms of drinking-tubes have been applied to vessels for holding liquids. I make no claim, therefore, to either subject-matter broadly. I am not aware, however, of any instance in which a tube of specific construction has been permanently attached to a bucket of the class mentioned in the particular manner defined in my claim.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

As a new article of manufacture, a cylindrical bucket provided with a cone-shaped upper portion and adapted for use in connection with tube-wells, and an inclined drinking-tube extending downwardly in said bucket, having its lower end secured to the inner face of said cylindrical portion of the bucket and its upper end bent at an angle, resting upon

the top edge of said cone-shaped portion, extending outwardly from the latter and terminating in a flange, said flanged end being inside the line of the cylindrical portion of
5 the bucket to prevent injury or collision with the well-curb, substantially as described.

In testimony whereof I have hereunto set

my hand in presence of two subscribing witnesses.

ROBERT F. B. LOGAN.

Witnesses:

ORAN MCCLURE,
W. H. MOODY, Jr.