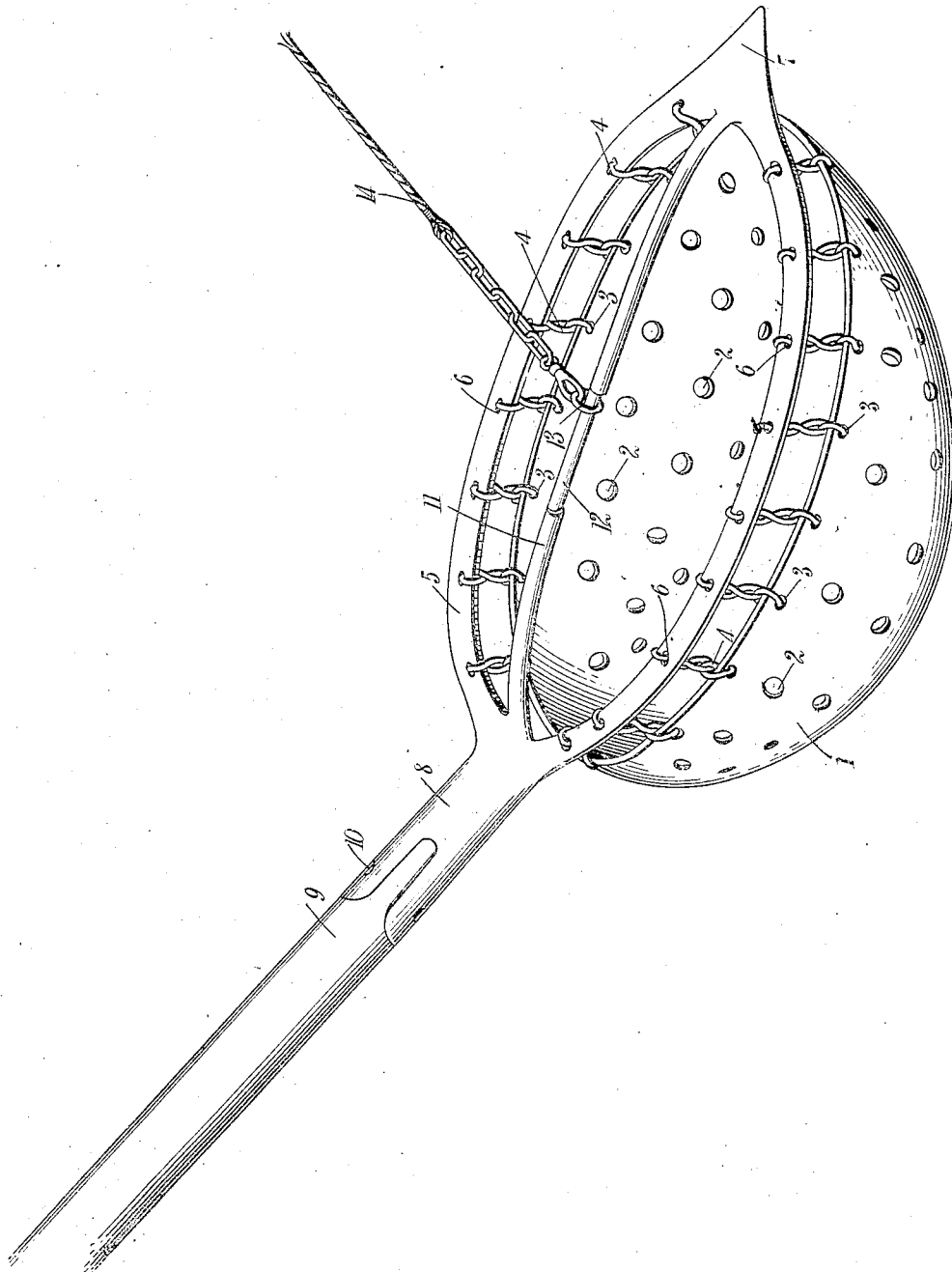


C. H. GIBSON & T. CREEDE.
BUCKET.

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1,045,017.

Patented Nov. 19, 1912.



WITNESSES

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CLIFFORD H. GIBSON AND TOM CREEDE, OF COALINGA, CALIFORNIA.

BUCKET.

1,045,017.

Specification of Letters Patent.

Patented Nov. 19, 1912.

Application filed February 15, 1912. Serial No. 677,696.

To all whom it may concern:

Be it known that we, CLIFFORD H. GIBSON and TOM CREEDE, both citizens of the United States, and residents of Coalinga, in the county of Fresno and State of California, have invented a new and Improved Bucket, of which the following is a full, clear, and exact description.

Our invention relates generally to buckets and more particularly it involves a new and improved construction especially adapted for use in dredging and more especially intended for use with the dredging apparatus described and claimed in our co-pending application, Serial No. 677,697.

The principal object of our invention is to provide a bucket for prospectors' use, the construction and arrangement of the parts being such that a substantial article is produced at a low cost and one that is not easily deranged, thereby providing for continued and efficient use in places where very extensive repairs are not possible.

In the accompanying sheet of drawings the preferred form of the device is set forth.

The bucket proper is made up of a vessel 1 having a plurality of openings 2 therein and at different points thereof, the openings being preferably circular and being spaced a suitable distance apart, the arrangement being very much in the nature of a sieve. Adjacent the top of the vessel are a series of similar equidistant openings 3 through which suitable fastening devices, such as chains or cords 4, may be passed.

As a means of supporting the bucket in position for use we employ a holder 5 having its central intermediate portion removed whereby a closed circular formation is provided, there being a number of openings 6 spaced around the holder and preferably at the same distance apart as are the openings 3 at the top of the vessel 1, these openings in the holder being adapted to receive the before-mentioned chains or fastening devices 4. The forward end of the holder is preferably pointed, as at 7, or brought to a rather sharpened edge so that when the bucket is run through the sand or gravel it will be sufficiently broken up and disintegrated and may be easily collected by the bucket. The opposite end of the holder 5 is provided with a suitable shank 8, preferably hollow, into which a handle 9 of any desired length is inserted whereby the bucket may be manipulated; the handle may

be secured in the shank in any desirable way but preferably by means of a transversely extending pin 10 engaging each of the parts. Extending longitudinally of the holder 5 and preferably along a central line thereof and suitably spaced above the main portion of the holder is a bar 11 having an intermediate portion 12 of reduced diameter about which a ring or equivalent device 13 passes, the ring being in engagement with one end of the rope, cable or chain 14.

Our device is intended primarily for use in gold dredging and particularly with the dredger described and claimed in our co-pending application Serial No. 677,697.

The bucket is designed to be run along the gravel beds or sandy bottoms of streams with the pointed or sharpened end 7 foremost, the actual movement of the bucket being provided through suitable means on which the cable or chain or rope 14 is wound, the guiding of the bucket being attended to by an operator through the medium of the handle 9.

Of course the material of which the bucket is made is not of prime importance nor is the capacity thereof, such features being matters of design and depending upon the final cost of the outfit and the locality in which it is to be used.

Having thus described our invention, we claim as new, and desire to secure by Letters Patent:—

1. A device of the class described comprising a perforated vessel, a holder supporting the vessel, a handle on the holder whereby it may be guided, together with a longitudinally extending bar adapted for engagement with a power-actuated element whereby the device may be drawn through the soil.

2. A device of the class described comprising a perforated vessel, a holder having a handle thereon, means engaging the vessel and the holder whereby the parts are held together, an extending forward end on the holder adapted to engage the soil, together with a longitudinally extending bar on the holder having a reduced intermediate portion adapted to engage a ring whereby, when a suitable power-actuated element is secured to the ring, the device may be drawn through the soil.

3. A device of the character described, comprising a perforated vessel, a holder having a pointed forward end, together with devices engaging each of the parts whereby

the vessel is movably suspended below and from the holder.

4. A device of the class described, comprising a perforated vessel, a holder having a shank thereon adapted to engage a handle, the shape of the holder being substantially similar to the periphery of the top of the vessel, together with a plurality of fastening devices engaging the vessel and the holder whereby the vessel is held flexibly in position below the holder.

5. A device of the character described, comprising a perforated vessel, a holder adjacent the vessel the holder following the contour of the top of the vessel, the forward end of the holder extending beyond the vessel, a shank on the holder adapted to receive a handle, a number of openings around the top of the vessel, a number of similar openings in the holder, together with fastening devices engaging in the openings whereby the vessel is suspended below the holder.

6. The combination of a vessel having a number of perforations therein, a series of

openings around the vessel and adjacent the top, a holder having a number of spaced openings therein, a plurality of fastening devices engaging the openings in the holder with the openings adjacent the top of the vessel, a shank carried by the holder for engagement with the handle, the holder being also provided with a longitudinally extending bar having its intermediate portion of reduced diameter, a ring embracing the bar at the reduced portion, the ring being adapted for engagement with a cable, whereby the vessel and holder may be drawn through the soil, power being applied through the cable and the guiding being accomplished by means of the handle.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

CLIFFORD H. GIBSON.

TOM CREEDE.

Witnesses:

J. A. STEELE,

J. L. MOFFETT.