

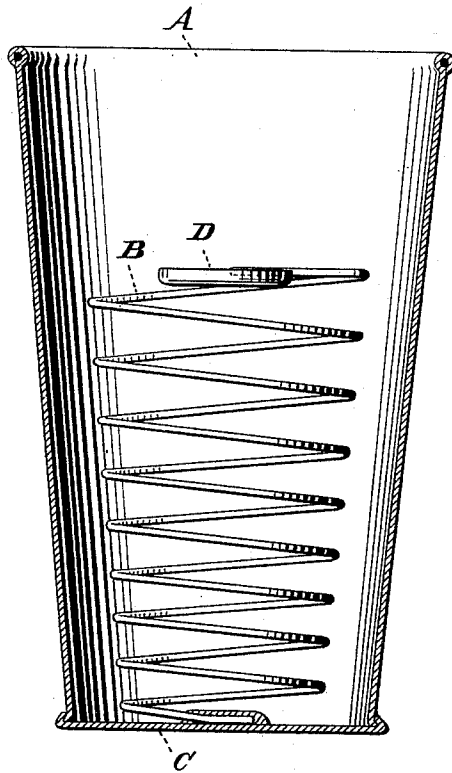
(No Model.)

G. G. WUCHNER.

SHAKER.

No. 395,303.

Patented Dec. 25, 1888.



WITNESSES

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# UNITED STATES PATENT OFFICE.

GEORGE GUSTAVE WUCHNER, OF LOUISVILLE, KENTUCKY.

## SHAKER.

SPECIFICATION forming part of Letters Patent No. 395,303, dated December 25, 1888.

Application filed July 10, 1888. Serial No. 279,525. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE GUSTAVE WUCHNER, a citizen of the United States, and a resident of Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Shakers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

15 The drawing is a representation of this invention and is a vertical section.

The invention relates to improvements in shakers for mixed beverages; and it consists in the construction and novel arrangements 20 of parts, as hereinafter set forth.

The object is to provide a mixer having a device secured on the inner side for completely churning or mixing the liquids.

25 Referring to the drawings, A designates a mixer or shaker, which may be of metal, hard rubber, or glass. The mixer is sufficiently large at its open end to admit the edge of a tumbler.

B is a coiled spring secured at one end to the bottom C within the mixer, and having 30 the wire of the upper coil turned inwardly, to which is attached a weighted disk, D. This coiled spring should conform somewhat to the shape of the shaker, and extend about two-thirds the length thereof. The form and 35 length, however, may be varied without departing from the spirit of my invention.

The weight D gives momentum to the spring and causes said spring to thoroughly churn the liquid mixture. 40

Having described my invention, what I claim is—

A mixer for liquids consisting of the shaker A, the coiled spring therein secured to the bottom, and the weighted disk attached to the 45 upper end of said spring, substantially as specified.

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

GEORGE GUSTAVE WUCHNER.

Witnesses:

JAMES R. PAYNE,  
E. D. SCINGHAM.