

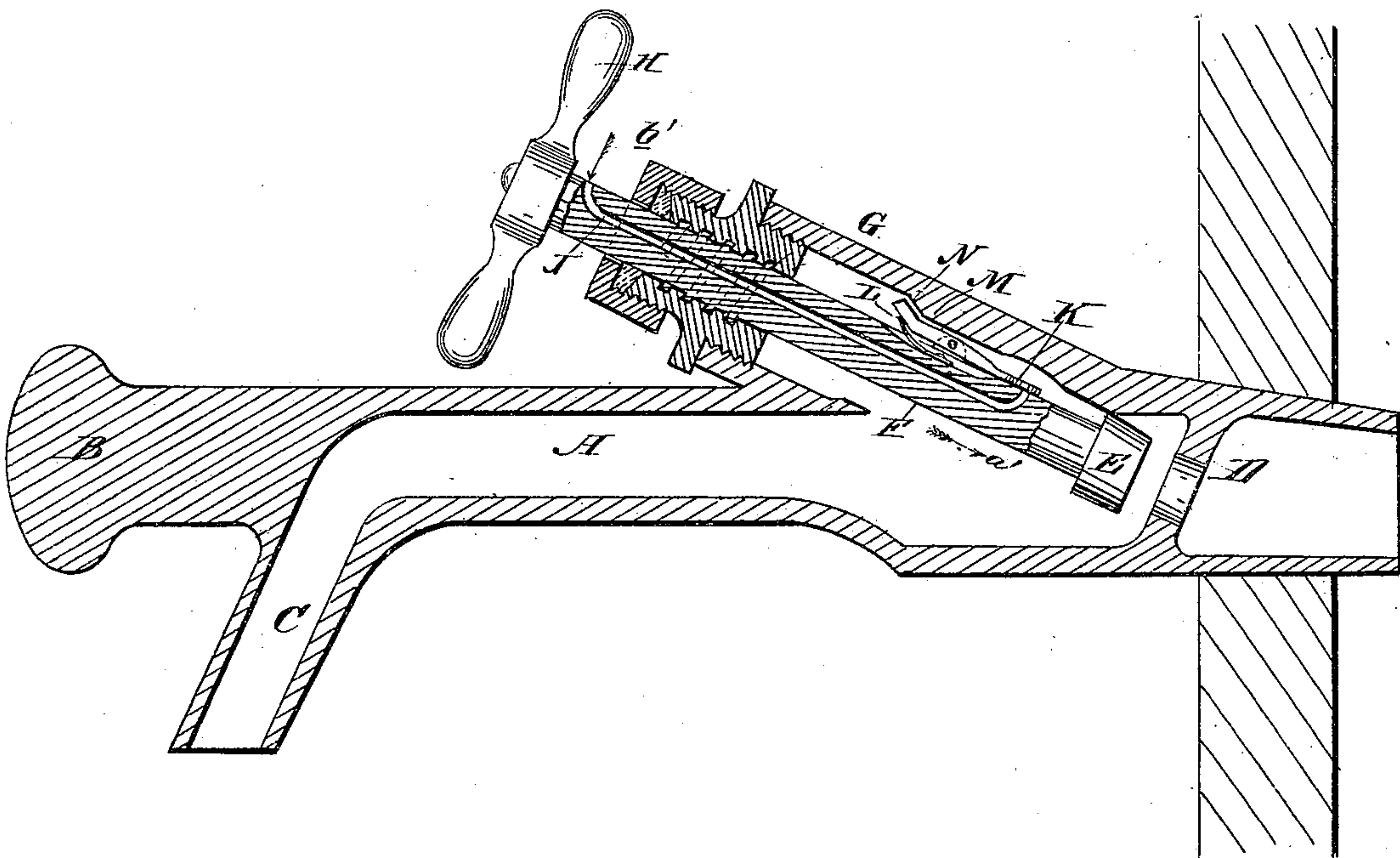
(No Model.)

J. KIENZY & C. F. DAVIS.

FAUCET.

No. 245,509.

Patented Aug. 9, 1881.



WITNESSES:

Francis McArdle.
C. Sedgwick

INVENTOR:

BY

J. Kienzy
C. F. Davis
Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN KIENZY AND CHARLES F. DAVIS, OF BRIDGEPORT, CONNECTICUT.

FAUCET.

SPECIFICATION forming part of Letters Patent No. 245,509, dated August 9, 1881.

Application filed June 2, 1881. (No model.)

To all whom it may concern:

Be it known that we, J. KIENZY and CHARLES F. DAVIS, of Bridgeport, Fairfield county, Connecticut, have invented a new and Improved
5 Faucet, of which the following is a specification.

The invention consists in a tube bent downward at the outer end, and provided at its inner end with a valve-seat, on which a valve
10 fits, attached to a screw-spindle contained in a cylindrical inclined arm of the main tube; and it further consists in providing this spindle or stem with a longitudinal perforation, the inner end of which perforation is closed by a
15 spring-valve, which is opened by striking against a projection or shoulder when the faucet is closed, thus permitting air to pass into the faucet to facilitate the flow of the liquid remaining in the faucet from the same.

20 In the drawing a longitudinal sectional elevation of our improved faucet is shown.

The tube or cylinder A is provided with a head or button, B, at the front end, and with a downward tubular projection, C, a short distance back of this head. The tube A is further
25 provided with a valve-seat, D, near the inner or rear end, and on this valve-seat a plug or valve, E, fits, attached to the inner end of a stem or spindle, F, provided with a screw-thread taking in the screw-thread of an inclined tubular arm, G, of the tube A. The
30 outer end of this stem or spindle is provided with a transverse piece or handle, H. The spindle F is provided with a longitudinal perforation, J, the upper end of which is directly below the handle H, whereas the inner end is
35 near the lower end of the stem and is closed by a valve, K, pressed against the spindle by a spring, L. The tubular arm G is provided
40 with a shoulder, M, at about the middle of its upper inner surface.

The operation is as follows: By turning the

handle H in one direction or the other the plug is drawn from or forced against the valve-seat D, and the faucet is opened or closed accordingly. When the faucet is being closed
45 the spindle F moves in the direction of the arrow *a'*, and the upper end, N, of the valve K strikes the shoulder M, whereby the spring L is depressed and the inner end of the perforation J is opened, thus permitting the air to enter into the faucet through the perforation J,
50 as indicated by the arrow *b'*, thus causing the liquid remaining in the front part of the faucet to flow out much more rapidly. As soon as the faucet is opened the valve K is released and the spring L closes it, thus preventing the liquid from passing up through the perforation J of the spindle F.

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

1. In a faucet, the combination, with the tube A, provided with a valve-seat, D, near the inner end, of the plug or valve E, and of
65 the spindle F, contained in an inclined tubular arm, G, of the tube A, substantially as herein shown and described, and for the purpose set forth.

2. In a faucet, the combination, with the
70 tube A, provided with a valve-seat, D, near the inner end of the valve or plug E, of the longitudinally-perforated stem or spindle F, contained in an inclined tubular arm, G, provided with a shoulder, M, and the spring-valve
75 K on the spindle F, substantially as herein shown and described, and for the purpose set forth.

JOHN KIENZY.
CHARLES F. DAVIS.

Witnesses:

ANDREW H. DOOLITTLE,
JACOB SUTTER.