A. A. STAAB.

SHAMPOO SPRAY.

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1,146,662.

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Fig. 1.

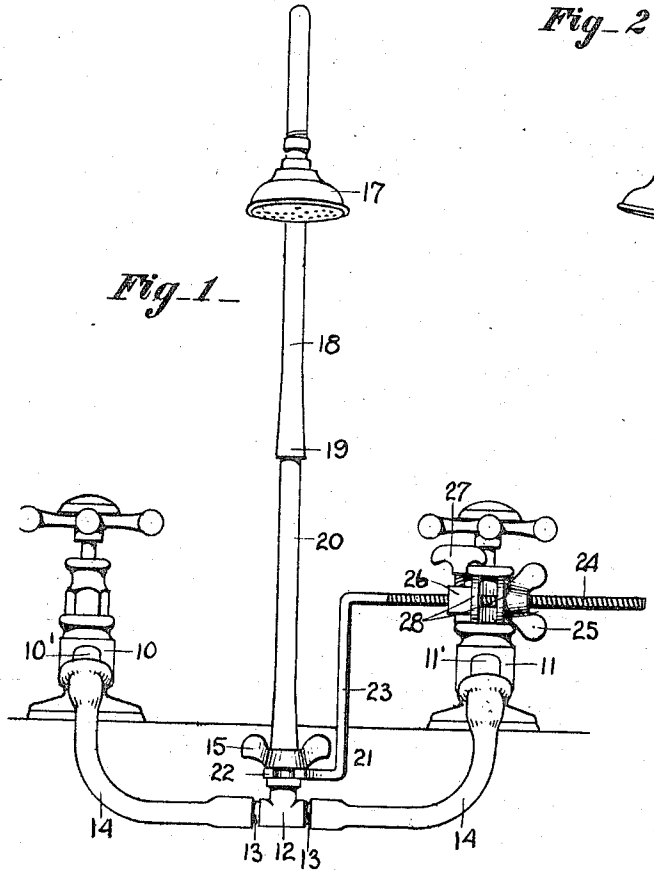


Fig. 2.

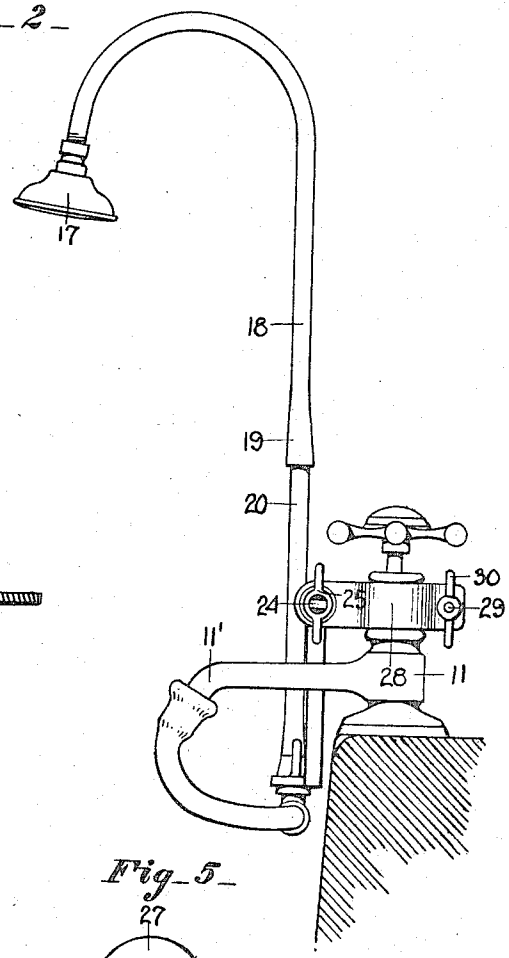


Fig. 3.

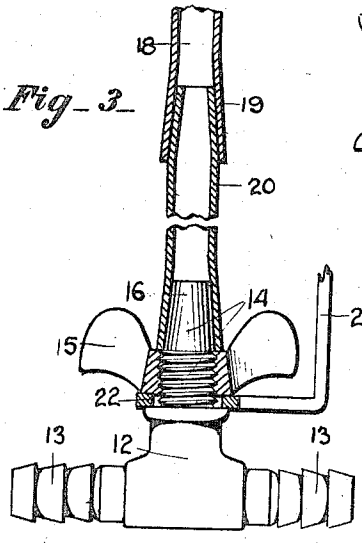


Fig. 5.

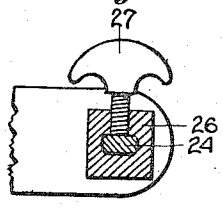
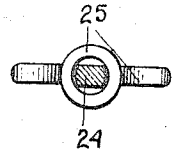


Fig. 4.

Fig. 6.



WITNESSES

Frank C. Palmer

Geo. L. Beeler

INVENTOR

Andrew A. Staab

BY Munn & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

ANDREW A. STAAB, OF NEW YORK, N. Y.

SHAMPOO-SPRAY.

1,146,662. Specification of Letters Patent. Patented July 13, 1915.

Application filed January 5, 1915. Serial No. 567.

To all whom it may concern:

Be it known that I, ANDREW A. STAAB, a citizen of the United States, and a resident of the city of New York, borough of Queens, in the county of Queens and State of New York, have invented a new and Improved Shampoo-Spray, of which the following is a full, clear, and exact description.

This invention relates to water distribution and has particular reference to bath appliances.

Among the objects of the invention is to provide a shampoo or spraying device for connection with the hot and cold water spigots of a sink or lavatory for the purpose of shampooing the head, special attachment means being provided to carry out this general purpose.

The foregoing and other objects of the invention will hereinafter be more fully described and claimed and illustrated in the drawings forming a part of this specification in which like characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a front elevation of a preferred embodiment of the invention in operative position; Fig. 2 is a side elevation of the same; Fig. 3 is an enlarged detail view of the T-coupling devices; Fig. 4 is a plan view of the bracket connections; and Figs. 5 and 6 are detail cross sections on the corresponding lines of Fig. 4.

The several parts of this device may be made of any suitable materials, and the relative sizes and proportions, as well as the general design of the machanism, may be varied to a considerable extent without departing from the spirit of the invention hereinafter more fully set forth and specifically claimed.

Referring more particularly to the drawings, I show at 10 and 11 what may be regarded as the hot and cold water spigots of any common or well known sink or lavatory. Irrespective of the type, location or position of the spigots it will be understood that nozzles 10′ and 11′ will be directed downwardly therefrom for the usual purposes.

At 12 I show a peculiar form of T coupling having nipples 13 to which flexible tubing 14 may lead from the nozzles 10′ and 11′ aforesaid. Water from either or both of the spigots may flow through the body of the coupling and upwardly from a spud 14 having a threaded portion for a winged nut 15 or its equivalent and a smooth conical tip 16 for the connection of a spraying device including a rose 17 and a goose neck 18. The lower or receiving end 19 of the goose neck is adapted to be fitted directly upon the tip 16 of the T spud, or, if greater elevation is desired for the sprinkler, an additional section of tubing 20 having an end corresponding to the form of the part 16, and another end corresponding to the part 19 of the goose neck, may be introduced as shown in the drawings.

Any suitable means may be provided to support the coupling 12 of the sprinkling devices in rigid or steady position. For this purpose I show a bracket 21 having a yoke 22 spanning the threaded portion of the spud and adapted to be clamped firmly against the body portion of the T coupling by said winged nut 15. The bracket 21 includes also a vertical portion 23 and a horizontal arm 24 which is provided with threads throughout the major portion of its length for the accommodation of a binding nut 25. This bracket 21 is made preferably or conveniently from flat sheet metal not only for the facility for constructing it, but also to constitute in the arm 24 a guiding means having flat faces for a block 26 adjustable slidably along the arm 24 and adapted to be set in any desired position by means of a thumb screw 27 or its equivalent. The purpose of the block 26 is to form a base for the two-part clamp device 28 cooperating with one of the water spigots. The rear ends of the clamp members 28 are connected by means of a tie bolt 29 having a thumb nut 30 which, together with the nut 25, constitutes means for securing the bracket in definite position. The threads on the arm 24 may be formed in the process of stamping out the bracket from the blank and obviously the means for securing the bracket to the spigot may be left in position permanently after being once adjusted so that the device may be used at any time simply by attaching the tubes 14 to the spigots. By providing the arm 24 of suitable length, the device may be located in position with respect to spigots of varying distances apart or otherwise.

A device made in accordance with this invention is not only cheap in construction, but easy of adjustment and thoroughly satisfactory for the purposes set forth.

I claim:

1. The herein described shampoo apparatus comprising a T coupling having a spud with a threaded portion and a smooth tip, tubular connections between the body of the coupling and sources of water supply, a stationary bracket for supporting the T and spraying devices, said bracket including a yoke embracing the threaded portion of the spud, and a binding member coöperating with said threaded portion and clamping the yoke against the body of the T.

2. In a shampoo apparatus, the combination of a T coupling having an upright spud with a threaded portion, means to convey hot and cold water to the T coupling, a bracket having at one end a yoke embracing the spud, clamping means coöperating with the spud and yoke to secure the T to the bracket, the other end of the bracket consisting of a flat metal arm having threaded edges, a block slidable along the arm, means to lock the block in fixed position, and a two-part clamp connected to the arm and operating against said block for supporting the bracket in position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ANDREW A. STAAB.

Witnesses:
GEO. L. BEELER,
PHILIP D. ROLLHAUS.