E. F. COOK.

CONNECTION FOR WATER RECEPTACLES.

APPLICATION FILED MAR. 27, 1908.

**900,485.** Patented Oct. 6, 1908.

Fig. 1

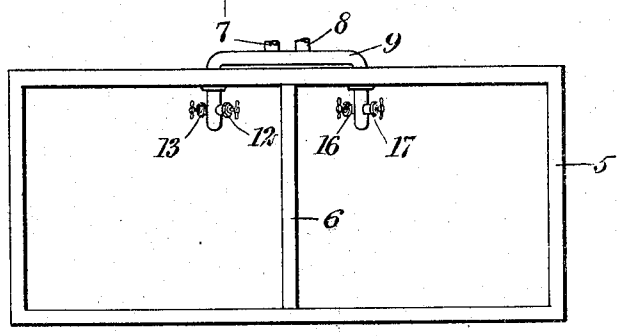



Fig. 2

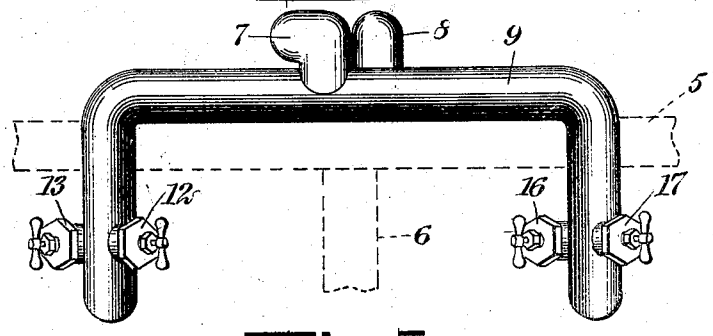



Fig. 3

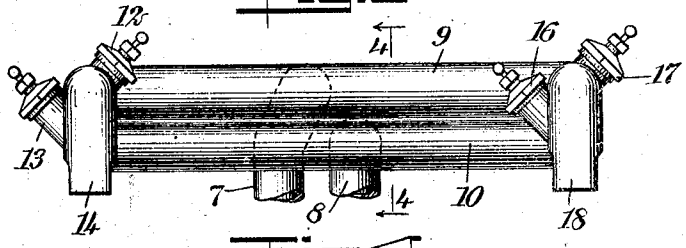
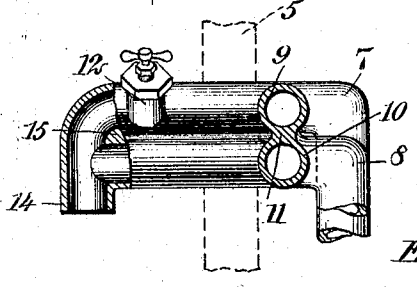



Fig. 4




WITNESSES

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# UNITED STATES PATENT OFFICE.

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## CONNECTION FOR WATER-RECEPTACLES.

No. 900,485. Specification of Letters Patent. Patented Oct. 6, 1908.

Application filed March 27, 1908. Serial No. 423,559.

*To all whom it may concern:*

Be it known that I, EDWARD FRISBIE COOK, a citizen of the United States, and a resident of Freeport, in the county of Nassau and State of New York, have invented a new and Improved Connection for Water-Receptacles, of which the following is a full, clear, and exact description.

My invention relates to connections for water receptacles, my more particular purpose being to provide a connection suitable for laundry tubs and provided with suitable valves independent of each other for directing hot or cold water, as the case may be, or both, through a single outlet, into the tub.

My invention further comprehends simplicity of construction and the consolidation of a number of parts so as to promote simplicity coupled with increased efficiency.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a laundry tub provided with a central partition and equipped with my improved water connection for supplying the compartments with hot and cold water; Fig. 2 is an enlarged plan view of the connection, showing a double-barreled pipe bent substantially into U-form and connected with supply pipes, and also provided with valves independent of each other for controlling the discharge of hot and cold water through a single outlet into the tub; Fig. 3 is a front elevation of the double-barreled U-pipe removed from the tub and provided with its accompanying parts; and Fig. 4 is a section upon the line 4—4 of Fig. 3, looking in the direction of the arrows, and showing how the two barrels of the U-tube discharge through a single nozzle and how the discharge is controllable by the hand valve, this view further showing more particularly the manner in which the two barrels of the U-tube are secured to the supply pipes.

A tub is shown at 5 and is provided centrally with a partition 6. Supply pipes 7, 8 are connected respectively with the sources of cold and hot water. At 9, 10 are two tubular barrels connected together by a partition 11 integral therewith and thus formed into a double-barreled tube. These tubes are bent substantially into U form, as will be understood from Fig. 2. The upper barrel 9 is provided (see left of Fig. 2) with a hand valve 12, the barrel 10 being similarly provided with another hand valve 13. These two barrels terminate at the left of all the figures in a single nozzle 14, the barrels merging together around the end 15 of the partition 11. The opposite ends of the barrels 9, 10 (see right-hand side of Figs. 2 and 3) are similarly provided with hand valves 16, 17, and the ends of the barrels merge together into a nozzle 18. The supply pipe 8 conducts hot water into the lower barrel 10. The heat of this barrel tending to rise prevents the barrel 9 from becoming unduly chilled. The result is that if, during cold weather, the barrel 9 happens to contain any cold water, the heat from the barrel 10 prevents freezing and consequent danger of bursting the pipe or any portion thereof. By cutting off the supply of water from the pipes 7, 8 and opening the valves, no freezing can take place.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. The combination of a substantially U-shaped member provided with two separate barrels and with a partition separating said barrels and integral therewith, said barrels at their ends being merged together, a pair of separate valves mounted adjacent to each end of said U-shaped member for controlling the barrels thereof independently of each other, and pipes connected substantially in the center of said U-shaped member, one of said pipes communicating with one of said barrels, and another of said pipes communicating with the other barrel.

2. The combination of a U-shaped pipe member consisting of two barrels secured together throughout their entire lengths, a tub upon which said U-shaped member is mounted, the middle portion of said U-shaped member being back of said tub and the ends of said U-shaped member extending through the walls of said tub into the interior thereof, the barrels of said U-shaped member being dis-

posed one above the other to facilitate the heating of the upper barrel or the lower barrel, separate hand valves connected with the respective barrels, and separate pipes for supplying hot water to one barrel and cold water to the other barrel.

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

EDWARD FRISBIE COOK.

Witnesses:
EVERARD B. MARSHALL,
WALTON HARRISON.