To all whom it may concern:

Be it known that I, BENJAMIN H. F. HEYMANN, of St. Louis, Missouri, have invented certain new and useful Improvements in Couplings for Faucets, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

The present invention is directed to improvements in couplings for faucets for carbonated beverages, and has for its object to provide means for coupling a given make of faucet to the carbonated water supply pipe of any of the prevailing types of soda dispensing apparatus. In the majority of "soda water" fountains, only carbonated water is dispensed, necessitating the admixture of the desired syrup thereto from an independent jar or bottle, the syrup being usually poured into the tumbler by the clerk after which the carbonated water is added thereto from the fountain. In these carbonated water dispensers different faucets have different sizes of couplings for connecting the same up to the carbonated water supply pipe. It is the object of my invention to utilize the couplings on the existing makes of supply pipes whereby I am enabled to attach the same irrespective of the size of the coupling to any of the well known forms of syrup dispensing faucets of independent make whereby a mixture of syrup and carbonated water, or carbonated water alone may be served. The advantages of the improvement will be apparent from the following detailed description in connection with the accompanying drawing in which—

Figure 1 represents a side elevation of a soda water dispensing apparatus showing my invention applied thereto; Fig. 2 is an enlarged middle vertical section through the faucet intake showing my invention applied thereto; Fig. 3 is a face view of the coupling nut; Figs. 4, 5 and 6, are middle sections of the water-intake end of the faucet showing different sizes of couplings and reducers thereof; Fig. 7 is a middle cross-section of the reducer; and Fig. 8 is a face view thereof.

Referring to the drawings, 1 represents a hollow standard of any suitable design which receives the carbonated water supply pipe 2 leading from any suitably charged tank or other source of supply (not shown) as well understood in the art. D represents a well known type of syrup dispenser or faucet with the syrup container or jar 3 mounted therewith, the body of the faucet being preferably made in two or more sections, the inner section 4 being the only one to which we need direct our attention. This section is the one which is directly secured to the standard 1 being provided for the purpose with a terminal disk or base 5 adapted to bear against the outer face of the standard, said disk having leading therefrom a screw-threaded stem 6 provided with a nut 7 for engaging the inner face of the wall of the standard as shown, thus firmly clamping the faucet to the standard. The upper end of the water supply pipe 2 terminates in a coupling head or flange 8 adapted to bear with its outer face against the inner face of the perforated bottom or flange 9 of a screw coupling 10 by which ordinarily the pipe 2 is connected to the faucet intended for a particular size pipe or particular size coupling, the manufacturer making the coupling correspond to the size of screw-threaded stem of his particular make of faucet. In the present embodiment of my invention I form the screw-threaded stem 5 with a reduced threaded extension 11 said extension being adapted to receive any size of screw-ring 12 to which the member 13 is directly coupled, said ring 12 being threaded on the outside and serving as a reducer or bushing for the coupling 10. The bores of the couplings 8 differ in size with different makes of soda water faucets, and since it is desirable that I be able to connect my syrup faucet to any make or size of coupling (5) usually terminating the discharge end of the carbonated water supply pipe of other manufacturers, I provide with each faucet a number of screw-rings 12 of different sizes, the proprietor of the fountain discarding all rings except the one which fits the coupling 8 of his particular make of apparatus. In Figs. 4, 5, and 6, I show different sizes of screw rings 12, each adapted to fit a different size of coupling screw 13, whereby irrespective of the particular make of coupling the proprietor of the fountain may detach his water faucet and connect up my syrup-and-water faucet without inconvenience and without loss of time. Interposed between the bushing 9 and head 7 is a gasket 14 for insuring a tight joint, the length of the por-
tion 5' and thickness of the bushing 9 being such as to bring the face of the bushing substantially flush with the end of the portion 5' when the bushing is driven home against the shoulder s formed by the portion 5' with the stem 5.

Having described my invention what I claim is:

In a faucet coupling of the character described, a series of screw-rings each of which is adapted to engage a securing member on the faucet, and one of the rings of the series being adapted to be coupled to a cooperating member terminating the water supply pipe of a different make of faucet.

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

BENJAMIN H. F. HEYMANN.

Witnesses:

EMIL STAREK,
ELSE M. SIEGEL.