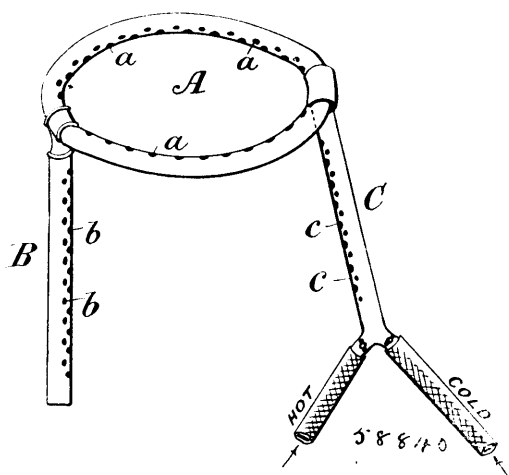


verse slots through the shell, and a centre water leg also communicating with the interior of the shell, the several water legs extending the whole length of the boiler shell, and the centre water leg having a width substantially equal to the combined width of the side legs, substantially as specified. 2nd. A steam boiler, comprising a shell, side water legs having communication therewith, and stay rods extended between the outer walls of the side legs and the lower portion of the shell, substantially as specified. 3rd. A steam boiler, comprising a shell, side water legs having communication therewith, the lower portion of the shell being of thicker metal than the upper portion, and stay rods extended between the outer wall of the side and the lower legs section of the shell, substantially as specified. 4th. A steam boiler, comprising a shell, side water legs communicating with the interior of the shell, stay rods connecting the opposite walls of the side water legs, a centre water leg, and stay rods connecting the opposite walls thereof, substantially as specified.

#### No. 58,840. Shower-Bath.

(Appareil de douche.)



W. H. Callaghan, Toronto, Ontario, Canada, 26th January, 1898; 6 years. (Filed 13th January, 1898.)

*Claim.*—1st. A shower-bath apparatus, comprising water-tap connections and a perforated head or ring adapted to be passed over the head and to rest upon the shoulders of the bather, said head or ring having a rigid perforated extension from the rear part thereof adapted to direct the streams towards the back of the user, substantially as and for the purpose set forth. 2nd. A shower-bath apparatus, comprising water-tap connections, a perforated head or ring adapted to be passed over the head and to rest upon the shoulders of the bather, said head or ring having a perforated pipe in communication also with said water-tap connections, and arranged to adapt itself to the size and form and to distribute the streams of water across the front of the body of the bather, substantially as set forth. 3rd. A shower-bath apparatus, comprising flexible water-tap connections, a perforated head or ring adapted to be passed over the head and to rest upon the shoulders of the bather, a rigid perforated extension from the rear part of said head or ring adapted to maintain same in place and to direct the streams of water towards the back, and an adjustable perforated pipe in direct connection with the water supply and with the head or ring, and arranged to adapt itself to the size and form and to distribute the streams of water across the front of the bather's body, all combined and arranged, substantially as set forth.

#### No. 58,841. Bicycle Sunshade. (Garde-soleil pour bicycles)

Catherine Minerva Speer, Port Gibson, Mississippi, U.S.A., 26th January, 1898; 6 years. (Filed 10th January, 1898.)

*Claim.*—1st. In a bicycle-sunshade, a belt adapted to fit the waist of the wearer, supports extending outward radially therefrom, and in the plane of the belt to the front and rear thereof, upwardly bent portions upon said supports, and a canopy-top held thereon. 2nd. In a bicycle-sunshade, a belt adapted to fit the waist of the wearer, supports extending outward radially therefrom, and in the plane of the belt to the front and rear thereof, whereby supports extending upward therefrom may be held clear of the body, upwardly bent portions upon said supports having a forked upper end whereby the line of vision in front of the wearer is kept clear, said upright supports being extended over, and diverging outward from,

the wearer, a pair of ribs running longitudinally of said supports and adapted to fall down by the force of gravity when said device



is worn, and fabric connecting these ribs, substantially as and for the purpose described.

#### No. 58,842. Jar Closure. (Fermeture de jarres.)

Fig. 1.

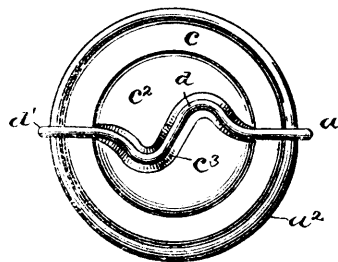
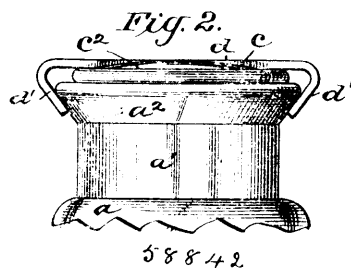


Fig. 2.



John Schies, Anderson, Indiana, U.S.A., 26th January, 1898; 6 years. (Filed 12th January, 1898.)

*Claim.*—1st. A jar closure, consisting of a cover having a serpentine groove in its upper face and extending crosswise of the same, and a clamp formed of a spring wire having a serpentine main or body portion to rest in the groove of the cover and provided with downwardly and inwardly inclined ends to engage the jar, whereby the clamp can yield longitudinally to permit it to be sprung upon a jar over the cover thereof, and when in position will be effectually prevented from being accidentally displaced, substantially as described. 2nd. A jar closure, consisting in a cap having on its top face a convex mound, the face of which is a regular curve run gradually into the plane outer portions of the top face of the cap, the mound having a serpentine groove formed therein, and the lower wall of said groove being level with the said plane outer portions of the top face of the cap, and a clamp consisting in a bar having a serpentine intermediate portion capable of lying snugly within the groove in the mound, and the ends of said bar being turned downward and inward to engage with the jar. 3rd. In a jar closure, the combination with a jar having an outwardly flaring mouth and a seat or ledge on the inner surface of its mouth, of a cover adapted to rest on said seat, and having a serpentine groove