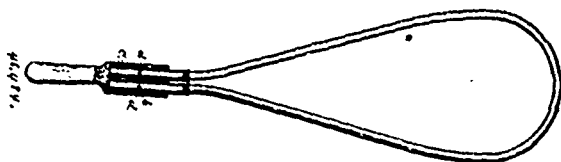


containing the chemical solutions, an inclined gutter under such tanks, stoppers in the tanks for allowing the contents to run off, perforated water pipes between one tank and another, rollers crossing the respective tanks, and endless belts to which the photographic paper is connected, and by which the same is carried through the respective tanks, substantially as set forth.

**No. 46,484. Carpet Beater.**

(Machine à nettoyer les tapis.)

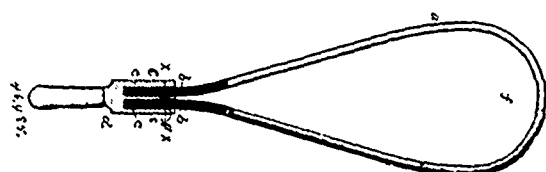


Franklin L. Goodenough, Windsor, New York, U.S.A., 4th July, 1894; 6 years.

*Claim.*—1st. The herein described whipping loop, provided with flaring mouthed ferrules or sleeves, in combination with a handle portion adapted to receive said ferrules, substantially as described. 2nd. The combination with an inflexible handle provided with longitudinal sockets, a whipping loop having its ends embraced by flaring mouthed sleeves or ferrules projecting beyond the end of the handle, and transverse pins or nails passing through said ferrules and ends, substantially as described.

**No. 46,485. Carpet Beater.**

(Machine à nettoyer les tapis.)

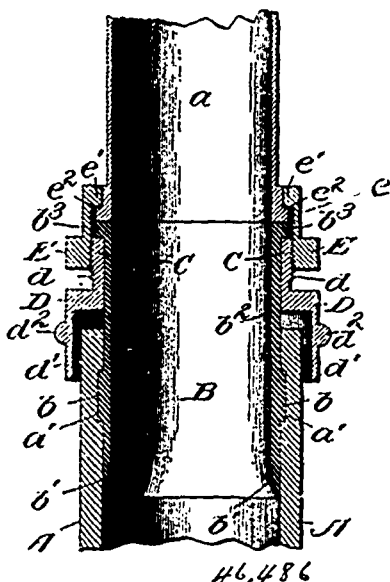


Franklin L. Goodenough, Windsor, New York, U.S.A., 4th July, 1894; 6 years.

*Claim.*—The combination with a separable and inflexible handle, having parallel sockets extending lengthwise of the handle and located side by side, of a whipping loop made of a rod of flexible wood, having its ends provided with metal cores which extend beyond the end of the handle, a wedge inserted transversely through the handle between the contiguous ends of the rod and in engagement with said ends, substantially as described.

**No. 46,486. Flexible Pipe Coupling.**

(Joint flexible de tuyau.)

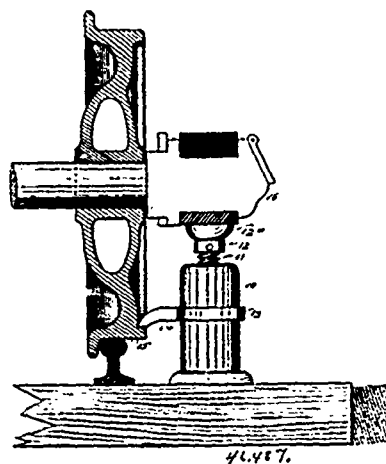


James Andrew Lynch, Saint Louis, Missouri, U.S.A., 4th July, 1894; 6 years.

*Claim.*—1st. The combination with a water closet bowl, having a horn of a metallic nipple having a hollow side designed to over-

lap and enclose said horn and said flexible nipple for connecting the same to the pipe. 2nd. The combination with a water closet bowl, having a horn, of a metallic nipple having a hollow shield designed to overlap and enclose said horn, a flexible nipple provided with a flange fitting within an interior groove of said horn, and designed to unite the latter and said metallic nipple, and means of engaging the metallic nipple for connecting the same to a pipe, substantially as set forth. 3rd. The combination, with a water closet bowl having a horn, of a metallic nipple having a shield designed to overlap and enclose said horn, and a flexible nipple provided with a flange fitting in an interior groove of said horn, said flexible nipple being also provided with and end flanges against which bears the end of said metallic nipple, and means of engaging said metallic nipple for connecting the same to a pipe and binding said flanged end of said flexible nipple, between said metallic nipple and said pipe, substantially as set forth. 4th. The combination, with a water closet bowl, having a horn, of a metallic nipple having a shield designed to overlap and enclose said horn, a flexible nipple designed to fit in said horn, and a coupling nut engaging said metallic nipple and designed to connect the latter to a pipe and to bind said flexible nipple between said metallic nipple and said pipe. 5th. The combination with a water closet bowl, having a horn and a pipe, of a flexible nipple secured to said horn and projecting therefrom, a metallic nipple enclosing said flexible nipple and the coupling nut engaging said flexible nipple and holding the same and said flexible nipple to said pipe, substantially as set forth. 6th. The combination of a water closet bowl having a horn, of a flexible nipple secured to the interior of said horn, a metallic nipple enclosing said flexible nipple and designed to overlap and enclose said horn, a pipe, and a coupling nut engaging said metallic nipple and binding said flexible nipple to said pipe, substantially as set forth. 7th. The combination with a bowl having a horn provided with an inner groove or recess, of a flexible nipple fitted in said horn and having an outer flange corresponding to said groove or recess, the metallic nipple having a shield extended therefrom and enclosing said flexible nipple and the end of said horn, and the coupling nut, substantially as set forth. 8th. The combination with a bowl having its horn provided with an inner groove or recess, and a pipe designed to be connected thereto and having a flanged end, of the rubber or flexible nipple having a circumferential flange fitting said groove or recess and also having an outer flanged end, the metallic nipple enclosing said flexible nipple and having an exterior thread, a cylindrical shell extending from said nipple and enclosing the end of said horn, and the interiorly threaded coupling nut having a flange and designed to bind the flanged ends of said pipe and flexible nipple, substantially as set forth.

**No. 46,487. Lifting Jack. (Cric.)**



Allan Amander Smith, Grande Island, Nebraska, U.S.A., 4th July, 1894; 6 years.

*Claim.*—1st. A lifting jack consisting of a body having lifting devices, and a laterally extending device for engaging the car wheel, said laterally extending device being capable of inward and outward movement, substantially as described. 2nd. A lifting jack consisting of a body having lifting devices and a laterally extending flange provided with a spring-acted extension piece, substantially as described. 3rd. A lifting jack for the purpose specified, consisting of an elongated body or base, a lifting device connected therewith, a ring which is slidable vertically on said base and provided with a lateral flange adapted to engage the rim of the car wheel, as and for the purpose specified.

**No. 46,488. Burning Fluid. (Fluide à brûler.)**

William R. Wales, and Robert A. Buehl, both of Buffalo, New York, U.S.A., 4th July, 1894; 6 years.

*Claim.*—1st. A non-explosive burning fluid consisting of the following ingredients, viz: Irish potatoes, pulverized copperas, salt,