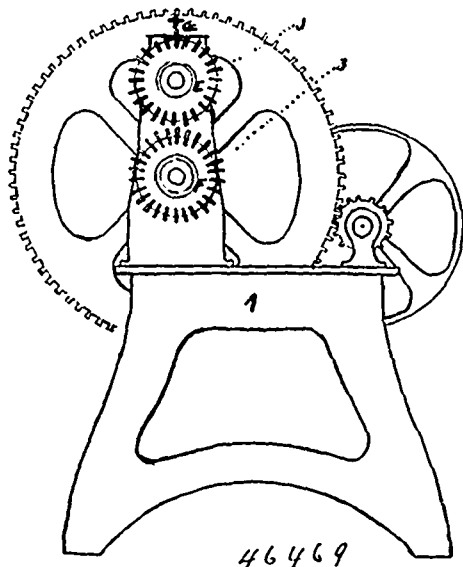


the form of a clasp having indicating marks corresponding with the notation of figures. 10th. A type-writing machine comprising a printing mechanism, a series of bell-crank levers having open ended slots, a pivotal rod within said slots, and a hood extending over said pivotal rod and the levers. 11th. A type-writer comprising a platen, a printing mechanism, a ribbon shifting frame, and a scale carried by said shifting frame.

No. 46,469. Machine for Crimping Wire.

(Machine à gaufrer le fil de fer.)

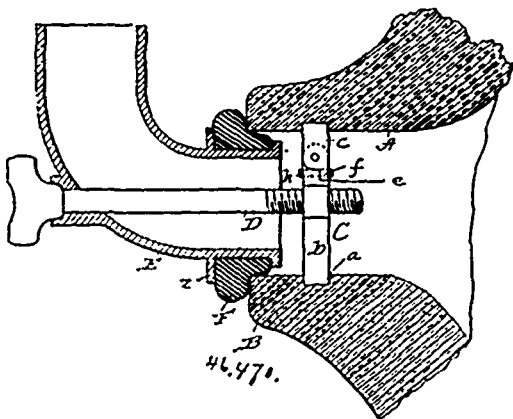


James H. Smith, Ingersoll, Ontario, Canada, 4th July, 1894; 6 years.

Claim.—The combination of the wheels E, F, and cogs or plates J J, raised or depressed by means of the set screw G, and rubber block H, substantially as and for the purpose set forth.

No. 46,470. Coupling for Water Closets.

(Joint pour cabinets d'aisances.)

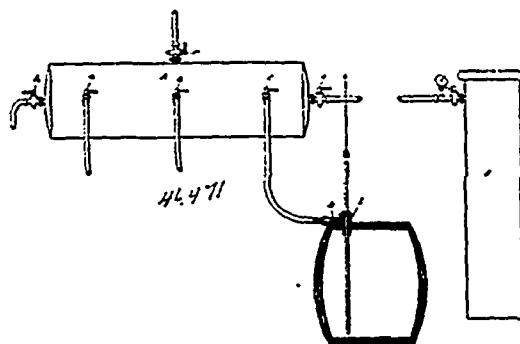


Joseph H. Savill, Philadelphia, Pennsylvania, U.S.A., 4th July, 1894; 6 years.

Claim.—1st. In a coupling, the combination of a bowl or hopper, a nut or bearing secured in said bowl or hopper, and having a threaded aperture or bore, a pipe section, a cushion resting between the pipe section and the bowl or hopper, and a rod or bolt taking through the pipe section, and having threads to engage the threaded aperture or bore of the nut or bearing, substantially as and for the purpose set forth. 2nd. In a coupling, the combination of a bowl or similar fixture of frangible material having depressions as a, a nut or bearing seated in the said depressions and comprising two sections flexibly connected together, a pipe section, a cushion carried by said pipe section, and adapted to bear against the bowl, and a bolt or rod adapted to connect the pipe section and nut or bearing, substantially as specified. 3rd. In a coupling, the combination of a bowl or similar fixture of frangible material, having a boss provided with depressions in its inside, a nut or bearing comprising two flexibly connected sections and a band surrounding the sections, arranged in the said depressions, a pipe section, a cushion washer carried by said pipe section and adapted to rest between the same

and the boss, and a rod or bolt connecting the pipe section and the nut or bearing, substantially as specified. 4th. In a coupling, the combination of a water closet bowl or hopper having depressions as a, a nut or bearing arranged in said depressions and comprising a section having its inner side notched or recessed at its inner end, and another section flexibly connected to the first named section, and having its inner end reduced to engage the recess of said section, a pipe section, a cushion washer resting between the pipe section and the nut or bearing, substantially as and for the purpose set forth. 5th. The herein described coupling consisting of a nut or bearing comprising a section having its inner side notched or recessed at its inner end, and another section flexibly connected to the first named section, and having its inner end reduced to engage the recess of said section, a pipe section, a cushion carried by said pipe section, and a bolt or rod connecting the pipe section and the nut or bearing, substantially as specified. 6th. The herein described coupling comprising a nut or bearing, having a spring adapted to engage the flushing rim of a bowl or hopper so as to hold the nut or bearing in position in the bowl or hopper, a pipe section and a connection between the pipe section and the nut or bearing, substantially as specified. 7th. The herein described coupling comprising a nut or bearing, having a spring adapted to engage the flushing rim of a bowl or hopper so as to hold the nut or bearing in position in the bowl or hopper, a pipe section, a cushion carried by the pipe section and adapted to bear against the bowl or hopper, and a threaded bolt connecting the pipe section and the nut or bearing, substantially as specified. 8th. In a coupling, the combination of a water-closet bowl, a nut or bearing having a spring adapted to engage the flushing rim of the bowl so as to hold it in position in the bowl, a pipe section and a connection between the pipe section and the nut or bearing, substantially as specified. 9th. In a coupling, the combination of a water closet bowl, a nut or bearing having a spring adapted to engage the flushing rim of the bowl so as to hold it in position in the bowl, a pipe section, a cushion carried by the pipe section and bearing against the bowl, and a bolt connecting the pipe section and the nut or bearing, substantially as specified. 10th. As an improved article of manufacture, a nut or bearing having a spring adapted to engage the finishing rim of a water closet bowl, the said nut or bearing being designed for the engagement of a pipe connecting device, substantially as specified.

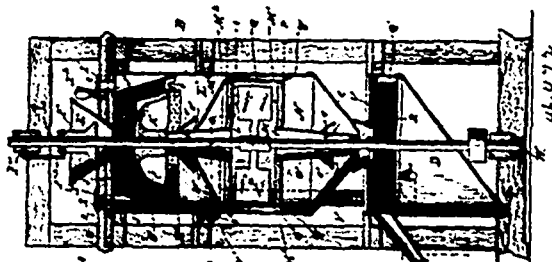
No. 46,471. Air Distributor for Beer Brewing Apparatus. (Distributeur d'air pour appareil de brassage de la bière.)



Carl Raffin, Schwerte, Prussia, 4th July, 1894; 6 years.

Claim.—An air distributing device provided with means for cleaning the same, and adapted to be used in connection with pressure apparatus for beer brewing purposes, the main feature of the said air distributor being that it is connected with a water pipe or force pump, so as to facilitate the cleaning or cleansing thereof, constructed and arranged substantially as described.

No. 46,472. Grain Purifier. (Epurateur de grains.)



Frank M. Schell, Perry, Kansas, U. S. A., 4th July, 1894; 6 years.

Claim.—1st. In a grain purifier, the combination with the cylinder or casing having upper and lower section chambers, the fan box arranged in the cylinder between said chambers and having its sides