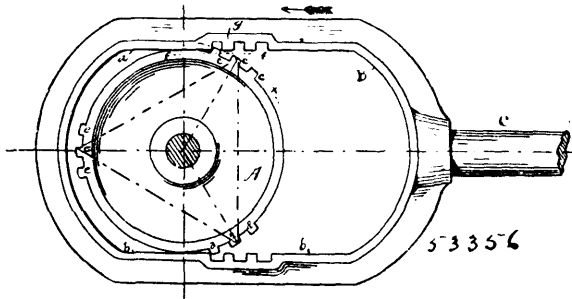


in the uprights with its length either horizontal or vertical, the projecting end of said board being provided with cleats extending across its opposite sides, a series of wires secured to said cleats and running from one to the other around the projecting end of the board, beads or buttons loosely mounted upon the wires, and means for fastening the reversible board in the slotted uprights, substantially for the purpose set forth.

No. 53,356. Mechanical Movement.

(*Mouvement mécanique.*)

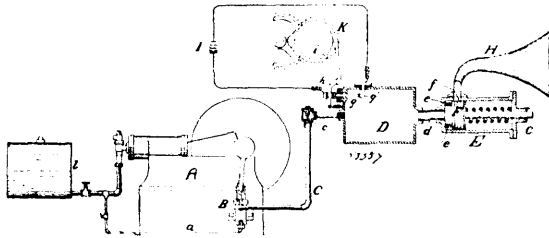


William H. Dolmetsch, Elmira, New York, U.S.A., 1st September, 1896; 6 years. (Filed 24th July, 1896.)

Claim.—In a mechanical movement for converting motion, a continuously revolving wheel provided with an uneven number of groups of teeth, each group consisting of one or more teeth, said groups being arranged symmetrically on the wheel and equi-distant from each other, combined with a yoke inside of which the wheel revolves, and which is provided with tooth recesses on each of its inner edges opposite each other, and corresponding in number and pitch to the number and pitch of the teeth in each of the aforesaid groups, said parts being so located with respect to each other that just as a tooth on the wheel is entering a recess on one side of the rack, another tooth is leaving the recess on the opposite side, substantially as shown.

No. 53,357. Signalling Apparatus.

(*Appareil de signal.*)



John Francis Barker, Springfield, Massachusetts, U.S.A., 1st September, 1896; 6 years. (Filed 27th July, 1896.)

Claim. 1st. In an apparatus for producing audible signals, the combination of an exploding chamber and means for admitting explosive material thereto, a source of electricity and electrodes connected therewith and projecting into such exploding chamber, means for automatically separating the electrodes, a cylinder connected with such exploding chamber, a spring actuated piston in such cylinder, an opening from such cylinder normally disconnected from the exploding chamber by said piston, and a sounding device connected with such opening, substantially as and for the purposes set forth. 2nd. In an apparatus for producing audible signals, the combination with an exploding chamber of a cylinder connected therewith, an opening in the cylinder leading to a sounding device, a piston head in the cylinder normally closing such opening from the exploding chamber and adapted to be driven backward past such opening by the force of an explosion in said chamber, and a spring operating to drive such piston head in its opposite direction, substantially as and for the purposes set forth. 3rd. In an apparatus for producing audible signals, the combination of a gasoline engine, a pump operated thereby, pipes connecting such pump with a gasoline supply tank and with an exploding chamber, a check valve in the pipe connecting the pump with such tank, and an opening from the pump barrel to the outer air provided with an outwardly closing valve, whereby liquid gasoline is drawn into the pump barrel and therein vaporized and mixed with atmospheric air and the gaseous product forced into the exploding chamber; means for igniting the vapour in the exploding chamber and a sounding device adapted to be opened to the exploding chamber by the force of the explosion therein, substantially as and for the purposes set forth.

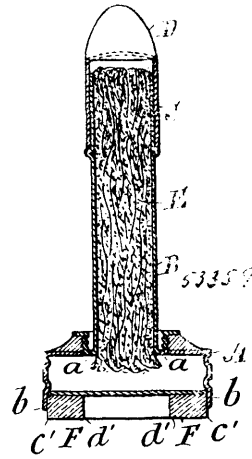
No. 53,358. Lubricant. (Graisseur.)

Franz Joseph Reinisch, Lemberg, Galicia, Austria, 1st September, 1896; 6 years. (Filed 27th July, 1896.)

Claim. A new lubricating substance, and the process for manufacturing the same, consisting in dissolving colophony, or a mixture of colophony and resin oil with waste distillation products or residue of the petroleum refinery, under moderate heat, and decanting the peculiar mineral oil produced thereby, substantially as described.

No. 53,359. Dampening and Erasing Device.

(*Grattoir et humecteur.*)



William Cotter Wilson, Brooklyn, New York, U.S.A., 1st September, 1896; 6 years. (Filed 27th July, 1896.)

Claim.—1st. The combination with the cup A for containing liquid, and a rubber eraser F at the bottom of said cup, of a flange b for attaching said eraser to said cup, a detachable tube B extended from the top of the cup to form a means for manipulating the eraser, and a porous wick placed in the cup and tube and extended beyond the latter to provide a dampening brush capable of manipulation or application to use by means of the tube and a removable cap for preventing evaporation of liquid from the wick, all substantially as herein set forth. 2nd. The combination with the cup A for containing liquid, the tube B screwed into the top of said cup and roughened by raised reading matter upon its external surface, of a porous wick placed in said cup and tube and projected beyond the latter, a cap for preventing evaporation of liquid from the wick, a rubber eraser F, and a circumferential flange b at the bottom of the cup to attach the rubber eraser to the cup, all substantially as and for the purpose herein set forth. 3rd. The combination with the cup A for containing liquid, the tube B screwed into the top of said cup and roughened by raised reading matter upon its external surface, and a porous wick placed in said cup and tube and projected beyond the latter, of a cap for preventing evaporation from the wick, a rubber eraser F, and a circumferential flange b at the bottom of the cup to attach the rubber eraser to the cup, all substantially as and for the purpose herein set forth. 4th. The combination with the cup A for containing liquid, the tube B screwed into the top of said cup, a porous wick placed in said cup and tube and extended beyond the latter, of a cap for preventing evaporation of liquid from the wick within the latter, and a rubber eraser F attached to the bottom of the cup, all substantially as and for the purpose herein set forth. 5th. The combination with the cup A for containing liquid, the tube B screwed into the top of said cup and roughened by raised reading matter upon its external surface, a porous wick placed in said cup and tube and extended beyond the latter, of a scraper eraser D, a detachable cap C for attaching said eraser to the tube and for preventing evaporation of liquid from the wick within the latter, and a rubber eraser F attached to the bottom of the cup, all substantially as and for the purpose herein set forth. 6th. The combination with the cup A for containing liquid, the tube B screwed into the top of said cup and roughened by raised reading matter upon its external surface, a porous wick placed in said cup and tube and extended beyond the latter, of a scraper eraser D, a detachable cap C for connecting said eraser to the tube and for preventing evaporation of moisture from the wick, an annular rubber eraser F, and a circumferential flange b at the bottom of the cup for attaching said eraser to said cup, all substantially as and for the purpose herein set forth.