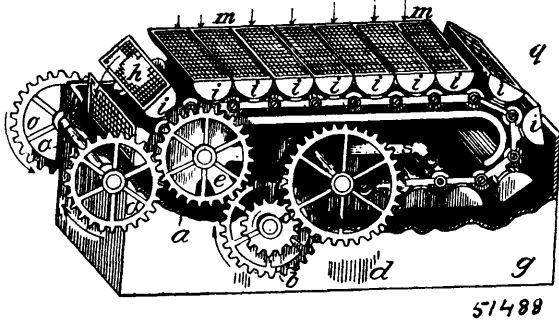
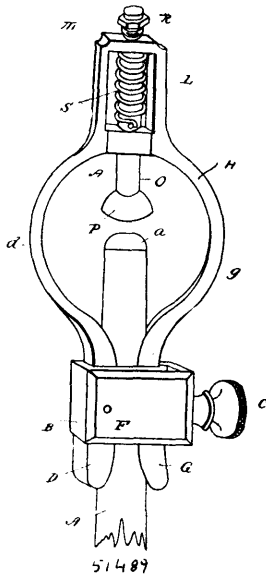


apron adapted to carry wet pulp, with partially exhausted travelling suction boxes carried successively beneath and in working contact



under said apron, and with the endless chains connecting them in series, and the sprocket wheels and gear connections whereby they are carried forward with the same movement as the apron resting upon them, substantially as and for the purpose specified. 4th. In a paper or pulp machine, the combination an endless apron adapted to carry wet pulp, a series of open top boxes, means for moving them beneath and in contact with said apron, the exhaust chamber *r*, communicating with said boxes, and the exhaust conduit *s*, as herein fully described. 5th. In a paper or pulp machine, the combination of the endless apron, adapted to carry wet pulp upon one side, with the suction boxes *i*, *i*, in working contact with the other side of the disc *j*, on a shaft geared to move with the series of boxes, the exhaust chamber *r*, with which the flexible hose from the boxes communicates, and the exhaust conduit *s*, all constructed and arranged, substantially as set forth. 6th. In a paper or pulp machine, the combination of the endless apron *y* adapted to carry wet pulp, with the open top boxes *i*, *i*, upon which this apron rests, the flexible hose pipes *k*, *k*, connecting these boxes to the openings *n*, *n*, of the disc *j*, and the exhaust chamber *r*, and with the supporting track *q*, the links *l*, *l*, the sprocket wheel *c*, and the gear wheels *a*, *b*, *c* and *d*, constructed and arranged for joint action, substantially as and for the purpose herein described.

No. 51,489. Device for Placing Tips on Billiard Cues.
(Appareil pour placer les bouts sur les queues de billard.)

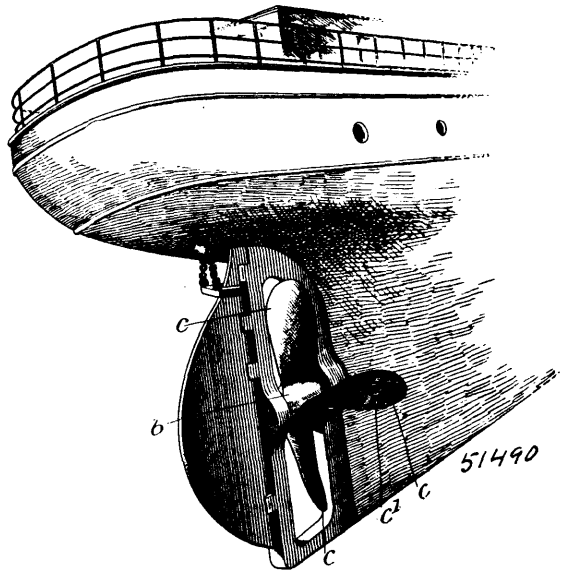


Samuel Perry Davis, Danielson, Connecticut, U.S.A., 2nd March, 1896; 6 years. (Filed 13th January, 1896.)

Claim.—1st. A clamp for the purposes herein described, consisting of a casing, a clamp composed of two jaws, each of which is provided with a free end, one of which is secured within said casing, and the other passed loosely therethrough said casing being also provided with a set screw which is adapted to operate in connection with the loose jaw, and said clamp, being provided at its opposite end with a sliding spring operated bolt, having a head which projects in the direction of said casing, substantially as shown and described. 2nd. A clamp for the purposes herein described, consisting of a casing, a clamp composed of two jaws, each of which is provided with a free end, one of which is secured within said casing, and the other passed loosely therethrough said casing being also provided with a set screw,

which is adapted to operate in connection with the loose jaw, and said clamp being provided at its opposite end with a sliding spring operated bolt, having a head which projects in the direction of said casing, said jaws being united and provided with transverse plates, which form bearing for said bolt, and said bolt being provided with a spiral spring, which is mounted thereon, between said bearings and adapted to force the bolt in the direction of the free ends of the jaws, substantially as shown and described. 3rd. A clamp for the purposes herein described, consisting of a casing, a clamp composed of two jaws, each of which is provided with a free end, one of which is secured within said casing, and the other passed loosely therethrough said casing being also provided with a set screw which is adapted to operate in connection with the loose jaw, and said clamp being provided at its opposite end with a sliding spring operated bolt, having a head which projects in the direction of said casing, said jaws being united and provided with transverse plates, which form bearings for said bolt, and said bolt being provided with a spiral spring, which is mounted thereon, between said bearings and adapted to force the bolt in the direction of the free ends of the jaws, said bolt being also screw threaded at its outer end, and provided with asset nut, substantially as shown and described.

No. 51,490. Screw Propeller. (*Propulseur à hélice.*)



Alfred Wells Case, Highland Park, Connecticut, U.S.A., 2nd March, 1896; 6 years. (Filed 15th January, 1896.)

Claim.—A screw propeller having a hub and a series of blades arranged about and projecting from it, each blade inclined forward in the direction of forward motion of the vessel as described, and also having its working surface at its centre line offset, and located in a plane racking backward at an angle from a radius passing through the root of the blade and in the plane of rotation of the screw, whereby a rearward and outward thrust upon the water is obtained in a forward rotary movement of the wheel, all substantially as described.

No. 51,491. Preparation of Cosmetic Cream.
(*Préparation de crème cosmétique.*)

Frederick T. James, New York, State of New York, U.S.A., 2nd March, 1896; 6 years. (Filed 16th January, 1896.)

Claim.—1st. The herein described composition of matter, composed of the following ingredients, beeswax, stearic acid, spermaceti, oil of sweet almonds, oil of lavender, oil of rose-geranium, carbonate of soda and water, said ingredients being combined, substantially as described. 2nd. The herein described composition of matter, which comprises, pure white beeswax, 6 parts, stearic acid, 4 parts, spermaceti, 2 parts, oil of sweet almonds, 6 parts, oil of lavender, 1½ parts, oil of rose-geranium, ½ part, carbonate of soda, and water, 79 parts, said ingredients being combined, substantially as described.

No. 51,492. Rifle. (*Carabine.*)

Edwin James Cashmore, Toronto, Ontario, Canada, 2nd March, 1896; 6 years. (Filed 11th January, 1896.)

Claim.—1st. In a rifle, the combination with the fore-end sliding breech block, hammer, and trigger, of the locking lever, the recess in the breech block to receive the upper end of such lever and the link connecting the lower end to the fore-end, as and for the purpose specified. 2nd. In a rifle, the combination with the fore-end sliding breech block, hammer, and trigger, of the locking lever, the recess in the breech block to receive the upper end of such lever, the link connecting the lower end to the fore-end and means for con-