tially as and for the purposes specified. 11th. In a tank for imparting a composition to floxible material, the roller H, arms F, and guides B, substantially as and for the purposes set forth 12th. In a tank for imparting a composition to floxible material, the roller H and arms F, guides B, and device for adjusting the distance of the roller from the bottom of the tank, and securing the rollers at a given point, substantially as and for the purposes described.

No. 23,334. Sewing Machine.

(Machine à Coudre.)

John W. Post, New York, N.Y., U.S., 3rd February, 1886; 5 years.

No. 23,334. Sewing Machine.

(Machine & Coudre.)

John W. Post, New York, N.Y., U.S., 3rd February, 1886; 5 years.

Claim.—1st. In a sowing machine, a stand having detachable drawers, as set forth. 2nd. In a sowing machine, the combination, with the stand and the operating mechanism supported therefrom, of a cover or cusing having transparent paniels, substantially as and for the purpose specified. 3rd. In a sowing machine, the combination, with the less of the stand having perforated bearings, and the brack and the bearing seriously and the stand having a control of the purpose and having a screw-threaded bearings at lower ends of the readed logid, and having a screw-threaded bearings at lower ends of the readed logid, and having a stream threaded bearings at lower ends of the readed logid, and the bearing screws and check and adjustable must seleng atranged for operation as described for the purpose specified. 4th, In a sowing machine, the combination, with the drive wheel and the stand of the guard (C. composed of a screw piece of wire screwed or riveled to the stand, for the purpose set forth. 5th. In a sowing machine, the combination, with a bracket arm whing a conical bearing, of a needle lover having a conical fulcrum stud formed integral therewith, said stud being slightly shorter than said bearing, substantially as described. 5th. The bracket arm I provided with a conical screening and adjusting said stud in said bearing, substantially as described. 5th. The overhanging arm provided with a conical bearing and the needle operating lever V, baving a conical slightly shorter than said bearing, and the securing and adjustified and pressor bars having a stot, of the needle operating lever V, provided with a conical bearing and the needle operating lever V, provided with a conical bearing and the needle operating lever V, provided with a conical bearing and the needle operating lever V, provided with a conical bearing and the needle operating lever V, but should be supposed to the said bearing, of the decle

No. 23,335. Form of Building Material. (Forme de Matériel de Construction.)

John S. Armstrong, St. John, N.B., 3rd February, 1886; 5 years.

Claim.—1st. The reversely-curved or zig rag forms of building blocks a, a, substantially as hereinbefore set forth. 2nd. The combination of the whole blocks a, a, with part blocks a, a, in a wall, as described. 3rd. The combination of the slabs b, b, with a wall composed of the blocks a, a, substantially as described. 4th A wall composed of the blocks a, a, united and secured by the tatches c, c, as shown and described. described.

No. 23,336. Fishing Hook. (Hameçon.)

James Scotland and François Gordon, St. Pierro Miquelon, and 3rd February, 1886; 5 years.

Claim.-1st. The combination, with a fishing hook having one ore

more pointed prongs, of a means of emitting light form such hook, such being for use substantially as set forth. 2nd. The combination, with the fishing hook having a shank, and one ore more pointed prongs extending therefrom, of a glass tube applied to, or encompassing the shank, and containing phosphorus, or a light giving or emitting, material, such tube at its ends being sealed or water-tight, and all being substantially as set forth. 3rd. The fishing hook implement, substantially as described, consisting of the shouldered shank and its series of curved and pointed prongs, and series threaded stom the head serowed upon such stem, and the glass tube surrounding the stem, and containing a charge of phesphorus or a light giving material all being arranged essentially, and for use as set forth.

No. 23,337. Middlings Purifier. (Epurateur des Gruaux.)

The George T. Smith, Middlings Purifier Company, Stratford, Ont. (Assignee of Charles A. Smith, Jackson, Mich., U.S., 4th February, 1836; 5 years.

The George T. Smith. Middlings Purifier Company, Stratford, Ont. (Assignee of Charles A. Smitt., Jackson, Mich., U.S., 4th February, 1839; 5 years.

Claim.—1st. The combination, with the front wall, of the feed hopper, the roller E and the pressure board D2, of the vibrating gate, laving the upward projecting arm E2, the link 4t connecting the lower end of the pressure board with the arm and a spring arranged between the arm and the feed hopper, substantially as set forth. 2nd. The combination, with the front wall D of the hopper, the roller E and the pressure board D2, of the vibrating gate having the upward projecting arm E2, the link 4t connecting the lower and of the pressure board with the lower ond of the arm, the spring 4t and link 4t arranged between the upper end of the arm and the front wall of the hopper, and the thumb nut 4b on the end of the link 4t and engaging with the outer face of the arm, substantially asset forth. 3nd. In a middlings purifier, the combination, with the casing above the shaker, of the partition B4 and the transverse partitions, which devide the space between partition B4 and the shaker into main air chambers, the transverse partitions which devide the space between the partition B4 and the transverse partitions, the hopper shakers, and trunk and the throats between the supplemental air clambers, the wind trunk and the throats between the supplemental air clambers, the wind trunk the fan and the dampers extending substantially the entire width of the air trunk, substantially as set forth. 4th. In a middlings purifier, the combination, with the shaker, an air current unward through the bolt cloth and the air chamber, of a removable dust box adapted to collect material taken from the middlings by the air chamber above the shaker, and an air chamber, of a removable dust box adapted to collect material taken from the middlings purifier, the combination, with the baker, an air chamber, and a removable the shaker and a fan adapted to produce an air current upward through the shaker, ned seated in the socket, substantially as set forth

No. 23,338. Middlings Purifier. (Epurateur des Gruaux.)

The George T. Smith Middlings Purifier Company, Stratford, Ont., (assignce of George F Sherwood, Jackson, Mich, U.S.) 4th February, 1886; 5 years.

ruary, 1886; 5 years.

Claim.—1st. In a middlings purifier, the combination of the brushways, the vertical posts or standards by the sides of the brush-way, and devices for supporting and adjusting the brush-ways upon the vertical standards, substantially as set forth. 2nd. In a middlings purifier, the combination of the brush-ways, the slotted vertical posts or standards by the sides of the brush-ways, the carriers interposed between the brush-ways, and the vertical standards and devices adjustably supporting the brush-ways on the vertical standards, substantially as set forth. 3rd. In a middlings purifier, the combination of the brush-ways, the slotted vertical standards and the carriers interposed between the brush-ways and the vertical posts, and engaging with the outer and inner faces of the slotted posts, substantally as set forth. 4th. In a middlings purifier, the combination, with the brush-ways of the vertical posts, the carriers and the screw-threaded bolts and nuts connecting the brush-ways, and the carriers with the vertical standards, substantially as set forth. 5th. In a middlings purifier, the combination, with the brush-ways of the