

the side walls or plates *a, a*, which rise to the deck and have a space between them for the reception of the propeller shaft, and the keelson forming a bearing or support for said shaft, as and for the purposes set forth. 3rd. The improvement in the construction of vessels, herein shown and described, which consists in a keelson rising and secured to the deck, and provided with a seat for the engine, and forming a continuous bearing for the propeller shaft, as and for the purposes set forth.

No. 26,052. Brick Kiln. (*Four à Brique.*)

Robert B. Morrison, Oakdale, Ga., U. S., 24th February, 1887; 15 years.

Claim.—1st. In a kiln, a central eye leading directly from the furnace to the drying chamber, and side eyes having combustion chamber interposed between them and the said furnace, the said side eyes and the combustion chambers being independent of connection with the central eye, substantially as specified. 2nd. In a kiln, a series of eyes leading from the heating furnace to the drying chamber, the central eye being continued by walls to the furnace, and the side eyes having enlarged combustion chambers, with their roofs supported by the walls of said central eye, substantially as specified. 3rd. In a kiln, a series of eyes leading from the furnace to the drying chamber, and a cold air flue leading from the exterior of the kiln to each eye, substantially as specified. 4th. In a kiln, a series of eyes leading from the furnace to the drying chamber, and a cold air flue leading from the exterior of the kiln to each eye, said flues having a wooden or metal lining for a portion of their length, and a fluted or grooved plug at the mouth, substantially as specified. 5th. In a kiln, a series of eyes leading from the furnace to the drying chamber, and a flue leading from the exterior of the kiln to each eye, said flue having a horizontal portion and a vertical portion, said vertical portion having its upper end provided with a cross-piece, substantially as specified.

No. 26,053. Funeral Annunciator, or Advertising Device. (*Appareil de Publicité pour les Funérailles.*)

James E. Grosjean, Fredericksburg, Ohio, U. S., 24th February, 1887; 5 years.

Claim.—1st. A funeral annunciator, consisting of a suitable frame, provided at its top with a suspending device, as a cord or ribbon, and at its bottom with a crape attaching device, combined with a notice tablet removably secured in the said frame, and bearing the notice or announcement to be given, substantially as and for the purpose hereinbefore set forth. 2nd. The combination, with the frame *A* and its suspending and crape attaching devices, of the glass *d*, the notice tablet *e*, the holding tablet *f* and the spring-pressed clips *c* for removably securing the said notice tablet in the said frame, substantially as and for the purpose hereinbefore set forth.

No. 26,054. Mode of Driving Spinning and Twisting Spindles. (*Mode de Mise en Mouvement des Broches des Machines à Filer et à Retordre.*)

Thomas H. Ayers, Lacute Mills, Que., 24th February, 1887; 5 years.

Claim.—The combination, with a spinning frame *A*, having a row of spindles *B*, and a driving cylinder *C* common to all the spindles, of an endless band or cord *D*, spirally returned on the cylinder, and a spindle, alternate pulleys *F, F*, in the circuit of the band or cord, and a tightening pulley *G*, or other means, for keeping the band or cord at a uniform tension to drive the spindles collectively at a uniform speed, as set forth.

No. 26,055. Apparatus for Treating Pretzels and Crackers. (*Appareil de Traitement des Craquelins et des Biscuits.*)

David F. Stauffer, York, Pa., U. S., 24th February, 1887; 5 years.

Claim.—1st. The combination for preparing articles of dough for baking, of a casing having a trough on top, a reciprocating carrier and mechanism for operating it, a boiler or generator heated by a coil connected with an ordinary steam boiler, and a spraying tube connecting with the boiler or generator, whereby the vapor and liquid may be diffused over the articles to be prepared, substantially as specified. 2nd. The combination, with the generator, its discharge and spray pipes, of the casing setting over the reticulated shelf upon which the articles are placed, so as to confine the diffused vapor and liquid and direct the same upon the articles, substantially as specified. 3rd. In combination with the reticulated carrier and its shelf, the perforated drum, and the operating mechanism, whereby the salt is sprinkled over the surface of the articles, substantially as specified. 4th. The combination, with the generator, the spraying devices and the trough, of the collecting reservoir and pump, and the connecting pipes, whereby the solutions passing from the trough are collected and returned to the boiler or generator to be again used, substantially as specified. 5th. The combination of the main casing and its trough above the generator or boiler and heating coil, the spraying devices and connecting tube, the reciprocating carrier and reticulated shelf, the salt-distributing drum and operating mechanism, and the collecting reservoir and connecting pipes and pump, all arranged to operate substantially in the manner specified.

No. 26,056. Remedy for Cholera. (*Remède pour le Choléra.*)

Aaron T. Estabrook, Raymond, Ks., U. S., 24th February, 1887; 5 years.

Claim.—The herein described compound or mixture of ingredients to form a medicine for the treatment of cholera, or other stomach complaints, consisting of alcohol, gum-guaiac, cinnamon, cloves, whisky, laudanum, blackberry extract and extract of wild cherry, in about the proportions herein specified.

No. 26,057. Digital Forceps. (*Forceps Digitaux.*)

Silas R. Wilcox, Bennington, Vt., U. S., 24th February, 1887; 5 years.

Claim.—A surgical instrument for obstetrical purposes, consisting of a fenestrated forceps blade, provided with a hinged finger-socket for the reception of the finger of the operator, arranged as described, so that the tip of the inserted finger may co-operate with the forceps blade, as a companion member to form a digital forceps, substantially as specified.

No. 26,058. Manufacture of Metal Wheels.

(*Fabrication des Roues en Métal.*)

James R. Little, Quincy, Ill., U. S., 24th February, 1887; 5 years.

Claim.—As an improvement in the construction of metal wheels, the method of securing the spokes to the rim, and of centering said rim, consisting in first clamping a spoke between jaws at a point near the inner side of the rim, then springing said rim upward above said jaws, and finally compressing said spoke longitudinally from its outer end until it closely fills the opening or mortise within said rim, substantially as specified.

No. 26,059. Watch Case. (*Boîte de Montre.*)

The American Watch Case Company (assignee of Edward F. Hefferman), Toronto, Ont., 25th February, 1887; 5 years.

Claim.—1st. A case, having an annular wall, extending from the glass groove to a point near the snap, and surrounding an opening slightly larger than the diameter of the dial plate, in combination with a ring adjustably fitted to the annular wall, and having an opening sufficiently large to expose the face of the dial plate, substantially as and for the purpose specified. 2nd. A case, having an annular wall extending from the glass groove to a point near the snap, where an internally-projecting flange is formed, which surrounds an opening slightly larger than the diameter of the dial plate, in combination with a ring adjustably fitted to the annular wall, and having an opening sufficiently large to expose the face of the dial plate, substantially as and for the purpose specified.

No. 26,060. Leaf Turner. (*Tourne-Feuille.*)

Arthur Rathburn (assignee of Seth Rathburn), Chicago, Ill., U. S., 25th February, 1887; 5 years.

Claim.—1st. In a leaf-turner, the combination, with a series of arms carrying spring-tongues, and provided with notches *i*, of a vertical pivoted disk *C*, having forwardly-projecting pins on its front face for engaging said notches, and an actuating mechanism, substantially as described. 2nd. In a leaf-turner apparatus, the combination, with a series of arms carrying spring tongues, and formed with notches *i*, of a disk *C*, carrying stops arranged to engage with the notches of said arms, levers *D* and *E* and connecting rods *d* and *e*, substantially as described. 3rd. In a leaf-turning apparatus, the combination with a series of arms carrying spring-tongues, and formed with notches *i*, of a disk carrying stops arranged to engage successively with the notches *i* of the levers *D, E*, and *F*, connecting rods *d, e* and *f*, shaft *G* and pedal *M*, substantially as described.

No. 26,061. Mail Marking Apparatus.

(*Appareil pour timbrer les lettres.*)

The International Postal Supply Company, New York, (assignee of George W. Hay and Emile Laas, Syracuse), N. Y., U. S., 25th February, 1887; 5 years.

Claim.—1st. An automatic letter-marking machine, comprising a hopper or receptacle for receiving the letters, a supporting bed or trough in which the letters are separated and arranged to pass consecutively to the marking device, all substantially as and for the purpose set forth. 2nd. In a letter-marking machine, the combination of a hopper or receptacle, a chute communicating with said hopper, a feed gauge between the hopper and chute, and a letter channel under the chute. 3rd. In a letter-marking machine, a temporarily restrained stamp or marker, a back or abutment against which the stamp acts, and a selecting device or feeder which engages the envelope flaps to bring the stamp into action, substantially as described. 4th. In a letter-marking machine, in combination with the stamp or marker, a tripper for temporarily restraining the stamp, and fingers or feelers adapted to engage the flap of the envelopes, and to transmit motion to the stamp or marker to automatically apply the stamp or marker to the mail matter by the presentation of the letter to the front of the stamp, substantially as set forth. 5th. In a letter-marking machine, wherein the marker is operated automatically by the letter envelope through intermediate mechanism, the combination, with the marker, of a yielding releasing finger or feeler, and suitable connecting mechanism, the feeler being shaped to catch or engage with the overlapping edges of the flaps of the envelopes, whereby such engagement will release the marker and bring the same into action. 6th. In a letter-marking machine, the combination of a letter carrier, with a marking mechanism, and a catching finger located in relation to the carrier, so that letters moving on the carrier in front of the marker engage the finger or feeler and bring the marker automatically into action, substantially as described. 7th. The combination, with a marking roller and a movable frame supporting the roller, cams and stud pins connected respectively to the roller and frame, and in contact with each other to raise the frame automatically with the rotation of the roller, and a spring bearing on the roller journal to force the roller off from the marking abutment when the frame is raised as aforesaid, substantially as described. 8th. In a roller-marking machine, the combination of the letter-supporting feed bed, and a stamp or marker yieldingly sustained on said bed, whereby the marker can accommodate itself to allow the passage of letters of different thicknesses which are fed over the supporting bed in front of the marker, substantially as specified. In a letter-marking machine, a marking roller rotated continuously in the same direction on its journal, and provided with a type die and a cam, said type die and cam being arranged relatively