

**No. 40,835. Block for Building or Paving.***(Bloc de construction ou de pavage.)*

George Maxwell Graham, Chicago Illinois, U.S.A., 2nd November, 1892; 6 years.

*Claim.*—1st. A building or paving block, having its sides 3, 4, 5, and 6, formed with interlocking projection 7, and recesses 8, of a segmental spherical form, and equal radii, substantially as set forth. 2nd. A building or paving block, having its sides 3, 4, 5, and 6, formed with rows or series of interlocking projections 7, and recesses 8, intermediately arranged or "staggered" and of a segmental spherical form, and equal radii, substantially as set forth.

**No. 40,836. Veneer Box. (Boîte à bois de placage.)**

Jeffery Thomas Ferres, Anderson, Indiana, U.S.A., 2nd November, 1892; 6 years.

*Claim.*—1st. The process of constructing a veneer box by mortising one set of veneer strips and notching another set, and then inserting one set of strips through the mortises of the other, one of which sets is wetted to expand them and the other condensed by seasoning, and then drying the strips to expel moisture and shrink one set upon the other, substantially as specified. 2nd. The process of constructing a box of veneer strips by mortising strips A across the grain of the wood in a moistened or expanded condition, notching strips B in a condensed or dry condition, inserting the notched strips B into the mortises of strips A as far as the notches, and then expelling the moisture from the expanded strips A until they shrink upon and grasp the neck of strips B, substantially as specified.

**No. 40,837. Centre Board for Boats.***(Semelle pour embarcations.)*

Francis M. Eaton, West Tremont, Maine, U.S.A., 2nd November, 1892; 6 years.

*Claim.*—1st. The combination with a centre well, of a vertical rod rigidly mounted at one end of the well and having its lower end secured to the same, a centre board, a hinge having one leaf connected with the centre board and having its other leaf slidably mounted on the rod, a vertical bar secured to the slidably mounted leaf, and means for securing the upper end of the bar to the well, substantially as and for the purposes described. 2nd. The combination with a centre well, a vertical rod rigidly mounted at one end of the well and having its lower end secured to the same, a centre board, a hinge having one leaf provided with an eye and slidably mounted on the rod, and having its other leaf secured to the centre board, a rod secured to the leaf and having the eye and provided at its upper end with an eye and with a perforation, a transverse pin arranged in the perforation and securing the bar to the centre well, substantially as described.

**No. 40,838. Wagon for Advertizing.***(Voiture d'annonce.)*

William W. McCall, Kansas City, Missouri, U. S. A., 2nd November, 1892; 6 years.

*Claim.*—1st. In an advertising wagon, the combination with a revolvable shaft C, of a shaft L, supported vertically above and in alignment with shaft C through the medium of the sprocket wheels C and M connected together by chain N, substantially as and for the purposes set forth. 2nd. In an advertising wagon, the combination with an axle revolvable by means of the wheels D keyed thereon and an advertising cloth provided with advertisements on each side through the series of meshing gear wheels P, T, W, W, and Z, Z, operating suitable rollers around which said cloth passes, and the level gear wheels O and O' keyed on opposite ends of shaft L and alternately engaging the bevelled face teeth of the said gear P substantially as described. 3rd. In an advertising wagon, the openings on either side of the double advertising roll, the advertisements on each side of the cloth, exposed at opposite sides of the wagon at the same time passing either up or downward, substantially as described. 4th. In an advertising wagon, the peculiar combination and arrangement of the cog wheels O and O' and the means for throwing the same in and out of gear with mutilated cog wheel P and thus reversing the movement of the wheel P, and therefore the direction in which the advertisement roll is moving, substantially as set forth and described. 5th. In an advertisement wagon, the combination of the pinion T, with the mutilated cog wheel P, which has peripheral teeth Q, extending about one-third of the way around its circumference for the purpose of allowing the pinion T, and therefore the advertising cloth to pause until the peripheral teeth and mutilated cog wheel P are in engagement again with the teeth of the pinion T, substantially as set forth and described. 6th. In an advertisement wagon, the combination and arrangement of a series of guide rollers L', the roller O', provided with the projection N', of spring rollers a and a', the advertising cloth M, provided with the flexible metal strips m, with the notches on their edges, and the means of operating the same, substantially as described. 7th. In an advertising wagon, the combination, arrangement and construction of the spring rollers a and a', of the releasing for the same consisting of the hand lever H', and its connections, substantially as described. 8th. In an advertising wagon, the pivotal frame P', consisting of the parallel side bars or rods Q', Q', pivotally engaging at opposite ends the transverse rods T', and R', rod R', being extended and

pivotally connected to the lever U', a suitable distance above its pivotal connection with the wagon, and the spring X', adapted to force and hold said lever into engagement with either one of the notches Z', A' or B', of the slot Y', of the wagon seat, substantially as described. 9th. The combination and arrangement of a pivotal rectangular frame P', operated by a suitable lever of a vertically curved bracket pivoted or bolted and provided with bearing arms concentric to said pivotal point, resting and adapted to oscillate upon similar concentric bearing plates secured in cross bar of wagon, substantially as described. 10th. The combination with a frame P', pivoted in a bracket S', of forward supporting casting S, and secured permanently at the middle portion of rear cross bar P', to a vertical bracket J, having at its upper end the short transverse shaft L, provided with a sprocket wheel and bevelled gear O and O', keyed or otherwise rigidly secured upon opposite ends of shaft L, substantially as described. 11th. The combination of a mutilated spur wheel P, meshing with and adapted to operate a series of gears and pinions or rollers, over which advertising cloth passes with the actuating power or rear wheels D of said wagon through the mechanism, described as set forth. 12th. The combination with the actuating or spur wheel P, of the alternate engaging gears O and O', through the operation of the lever V', substantially as described. 13th. The combination with a roller provided with circumferential projections, engaging equally spaced notches in the edge of advertisement cloth, with the spring rollers U and U', to which the opposite ends of said cloth is secured, substantially as described. 14th. The combination of the spring rollers, with the roller through the meshing gears V, W and F, and the advertising cloth, the said rollers being adapted to revolve at a reduced rate of speed as their diameters increase from the accumulation of cloth around them, substantially as described. 15th. The construction of a spring roller, consisting of the operating shaft, the loosely journaled hollow casings, the spring coiled round said shaft and fastened permanently at one end to the shaft, and at the opposite end engaging normally the perforation in the adjacent end of the casing, substantially as and for the purpose set forth. 16th. The combination and arrangement between the spring rollers a and a', through the medium of the advertising cloth, guided over suitably arranged rollers and shafts, and secured at opposite ends to said spring rollers, substantially as described. 17th. The combination with the said spring rollers, of the releasing device, consisting of the lever pivoted at its middle, the rearward projection on its lower end normally held out of engagement with the forward end of spring B', substantially as and for the purpose set forth.

**No. 40,839. Stove. (Poêle.)**

Joseph T. Robbins, Newton, Iowa, U.S.A., 2nd November, 1892; 6 years.

*Claim.*—1st. An auxiliary cylinder having an open ended branch extending laterally, in combination, with a cylinder in a stove and an open ended tube outside of said cylinder for the purposes of heating and circulating air in a building. 2nd. The auxiliary cylinder A, having a branch D, in combination, with a cylinder B, and a tube F, substantially as shown and described for the purposes stated. 3rd. The combination, of the auxiliary cylinder A, having a branch D, and the open ended tube F, with the cylinder B, and the base G, to operate in the manner set forth for the purposes stated. 4th. The combination, of the jacket P, having a doorway P', and a hinged door r, with the fuel chamber J, and the reservoir s, to operate in the manner set forth. 5th. The grate support m, having radial projections extending downward and outward to engage the top portion of the cylinder B, in combination, with a fuel chamber J, having an open bottom to allow the fuel therein to rest upon a grate placed upon the support m, for the purposes stated.

**No. 40,840. Wheel for Tracing Patterns.***(Roue pour tracer les patrons.)*

Samuel Newman, Buffalo, New York, U.S.A., 2nd November, 1892; 6 years.

*Claim.*—1st. A device for tracing patterns, consisting of a toothed wheel 4, pivoted within a surrounding holding piece 1, so as to turn therein and provided with a series of teeth, for the purpose described. 2nd. In a device for tracing patterns, the combination, consisting of a surrounding holding piece 1, a wheel 4, pivoted therein by a pin 3, and a series of inclined teeth on said wheel, for the purposes set forth.

**No. 40,841. Ointment for Sore Breasts.***(Onguent pour poitrine.)*

Ann Brenner, Hartsmere, Ontario, Canada, 2nd November, 1892; 6 years.

*Claim.*—A composition of matter consisting of the oil extracted from eggs and olive oil mixed together in the proportion specified, substantially as and for the purpose set forth.

**No. 40,842. Faucet for Beer. (Robinet pour la bière.)**

Frank Anthony Frumviller, Detroit, Michigan, U. S. A., 2nd November, 1892; 6 years.

*Claim.*—1st. The herein described beer faucet, provided with means for attaching the same to the bung faucet and with an air