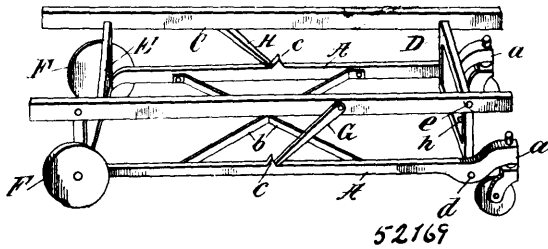


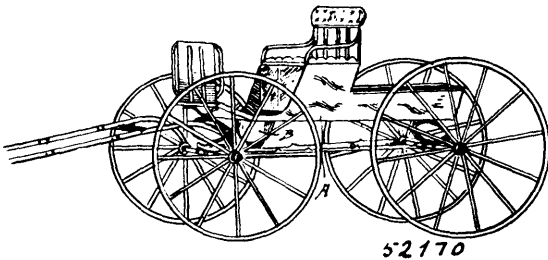
**No. 52,169. Stove Truck. (*Camion pour poêles.*)**

Leon O. Wiswell, Albany, New York, U.S.A., 5th May, 1896; 6 years. (Filed 4th April, 1896.)

*Claim.*—1st. In a stove truck, a removable combined tongue and lever, consisting of a handle, with hook J, at its outer end and iron bar i, secured to the opposite end of said handle in such manner as to form a shoulder K, in combination with the front link D, provided with a space in said link into which the handle may be inserted to raise and lower said link and a perforation h, all combined as and for the purposes shown. 2nd. A stove truck, consisting of a front and rear crank, both pivoted at their upper opposite corners to rails C, the front crank pivoted at its lower opposite corner into the side bars A, and the rear crank terminating in an axle at its lower side upon which revolve the rear wheels of said truck, side bars A, pivoted at their rear ends to the axle of the rear wheels and curved upward at their front ends, caster wheels B, pivoted in the front end of the rail A, and the catches H and G, adapted to engage stops in rails A, all combined as and for the purpose shown. 3rd. A stove truck, consisting of links D and E, the link D, provided with the perforation h, the rails C, base bars A, rear wheels F, caster wheels B, and handle I, with hooks J, and i, and shoulder K, all combined to operate substantially as described and shown.

**No. 52,170. Heater for Vehicles.**

(*Appareil de chauffage pour voitures.*)



Thomas H. C. Beall, Cicero, Indiana, U.S.A., 5th May, 1896; 6 years. (Filed 7th April, 1896.)

*Claim.*—1st. The combination, in a heating device for vehicles, of a casing secured to the underside of the floor of the vehicle, a heater proper mounted in the lower portion of said casing and supported by a flange thereon on a flange on said casing, and a two-part spring bar hinged at one end to one side of said casing and adapted to engage at its other end with a catch on the opposite side of said casing, one of its parts passing on each side of the flue of said heater and formed to bear, when closed down, firmly upon the top thereof, whereby the said heater is firmly but removably held to its seat, substantially as set forth. 2nd. The combination, in a heating device for vehicles, of a casing, a heater proper secured therein, a flue extending upwardly from the burner of said heater, a deflecting plate extending across and secured to the top of said flue, which is provided with perforations in its sides under said deflecting plate, and spring catches which engage with the deflecting plate, whereby said flue is removably but firmly held in place, substantially as set forth. 3rd. The combination, in a heating device for vehicles, of the outer casing secured to the under side of the floor of the vehicle, a perforated cover over the space inclosed by said casing, a lamp or heater proper mounted in the bottom of said casing, spring catches whereby said lamp or heater is held firmly, a flue or chimney on said lamp or heater, a deflecting plate secured on the upper end of said flue or chimney, which flue or chimney has radial perforations below said deflecting plate, supporting brackets on the interior surface of said casing for said deflecting plate and spring catches u, secured to said interior casing and engaging with and holding said deflecting plate on to said brackets, the whole being constructed, arranged and operating as and for the purpose set forth.

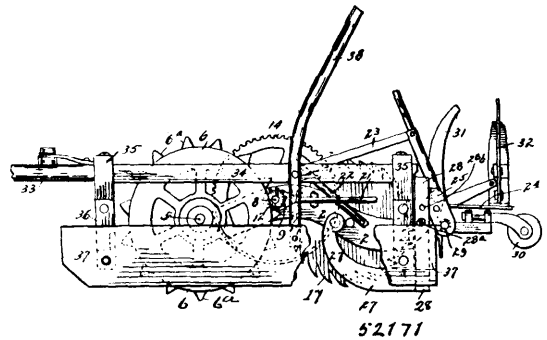
**No. 52,171. Ice Harvesting Machine.**

(*Machine pour scier la glace.*)

David B. Arnold, Terre Haute, Indiana, U.S.A., 5th May, 1896; 6 years. (Filed 7th April, 1896.)

*Claim.*—In an ice harvesting machine, the combination with supporting wheels having cog-wheels thereon, of a frame having its for-

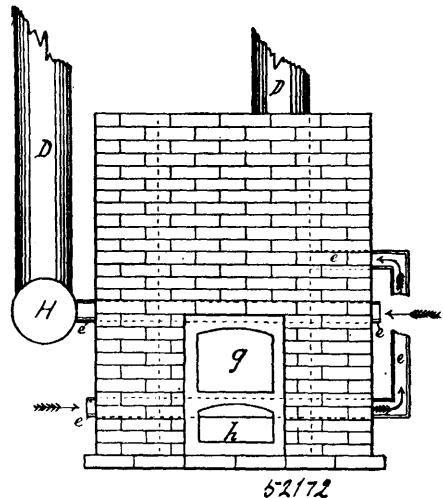
ward end supported by the said supporting wheels, curved runners having their forward ends pivoted to the middle portion of the



ward end supported by the said supporting wheels, curved runners having their forward ends pivoted to the middle portion of the frame, pieces 28 pivoted to the rear ends of the runners and adjustably connected to the rear end of the frame, a shaft mounted in the said frame, pinions longitudinally movable upon the shaft and provided with cams upon their outside faces, and adapted to engage the gear-wheel, pins upon the shaft adapted to engage the cams upon the pinions upon a rotation in one direction and to move the pinions longitudinally upon the shaft upon a rotation in the opposite direction, springs tending to throw the pinions into engagement with the pins and cog wheels, means for moving the pins against the springs, saws mounted in the frame in the rear of the wheels and driven by the shaft, curved followers behind the saws and running in the cuts made thereby, a rocking shaft provided with a castor-wheel, mounted in the rear of the frame, a tongue and extension pivoted to the frame above the supporting wheels, and vertically-adjustable guides carried by the said extension, substantially as described.

**No. 52,172. Domestic Heating Furnace.**

(*Fournaise de chauffage.*)



John Jamieson, Truro, Nova Scotia, 5th May, 1896; 6 years. (Filed 7th April, 1896.)

*Claim.*—1st. A domestic heating furnace of the class herein described having air passages leading from one side of the furnace through the fire pot or fire chamber to the opposite side of the furnace, and thence to a hot air receptacle, substantially as and for the purpose hereinbefore set forth. 2nd. In a domestic heating furnace of the class herein described, a fire pot or fire chamber, with ducts passing through it for the purpose of receiving heating and conducting air, substantially as and for the purpose hereinbefore described and set forth. 3rd. In a domestic heating furnace, the combination of the air passages e, e, e, e, e, e, e, e, e, e, e, e, e, e, e, e, with the fire pot or fire chamber F, the ash pit E, and the hot air receptacles H, and G, substantially as and for the purpose hereinbefore described and set forth. 4th. In a domestic heating furnace, the combination of the air passages e, e, e, e, e, e, e, e, e, e, e, e, e, e, e, e, with the fire pot or fire chamber F, the ash pit E, the coal grate o, the coverings u, and i, and the hot air receptacles H, and G, substantially as and for the purpose hereinbefore set forth and described.