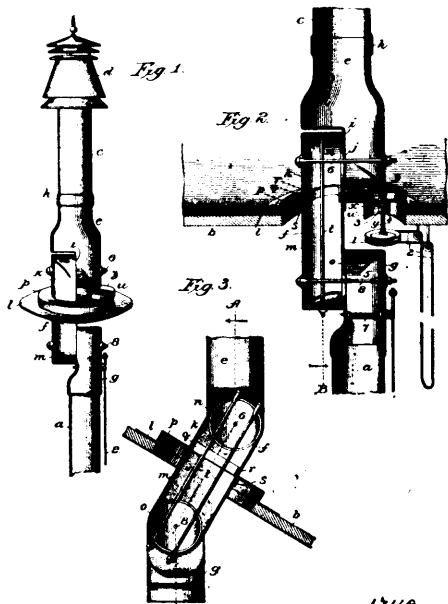


having a rounded inner edge, a sleeve formed with the body of the guide, a draw bar arranged in the sleeve and having its protruding end bent at approximately right angles and terminating in a draw head acting in conjunction with the guide and arranged to partially rotate, substantially as described. 6th. In combination with a body having a socket and an extension forming a guide, a coupler head adapted to be rotated into and out of operative position with relation to the guide, and an arrow head coupler arranged below the first named coupler and adapted to rest on a lower plain when out of operative position, substantially as described.

No. 67,169. Metal Chimney. (Cheminée en métal.)



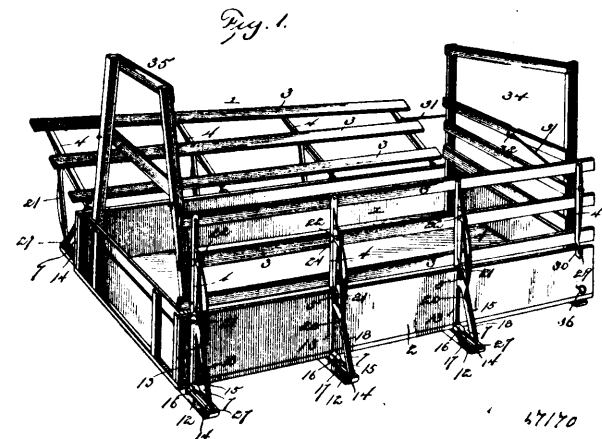
67169

Paul Dickinson, Chicago, Illinois, U.S.A., 1st May, 1900; 6 years. (Filed 7th April, 1900.)

Claim.—1st. In a chimney of the character described, the combination of a stack and a roof plate pivotally connected therewith, to adapt the roof plate to be adjusted to any desired angle, and means for rigidly securing the roof plate and stack together in any position of such adjustment, substantially as described. 2nd. As a new article of manufacture, a connection for coupling a chimney stack with a stove pipe through the roof or wall of a building, comprising end pipe sections respectively for the stovepipe and stack, an intermediate pipe section pivotally connected with the end sections, and a cap on said intermediate section, substantially as described. 3rd. As a new article of manufacture, a connection for coupling a chimney stack with a stovepipe through the roof or wall of a building, comprising, in combination, end pipe sections respectively for the stovepipe and stack, an intermediate pipe section pivotally connected with said end sections, a cap on said intermediate section, and a ventilator on said cap, substantially as described. 4th. As a new article of manufacture, a connection for coupling a chimney stack with a stovepipe through the roof or wall of a building comprising a flat sided pipe section for the stovepipe having an opening in its side, a pipe section for the stack having an offset provided with an opening in its face, an intermediate flat sided pipe section having openings in its side near the opposite ends and pivotally fastened at said openings respectively at the openings in said stovepipe and stack sections, and a cap on said intermediate section, substantially as described. 5th. As a new article of manufacture, a connection for coupling a chimney stack with a stovepipe through the roof or wall of a building, comprising end pipe sections respectively for the stovepipe and stack, and an intermediate pipe section pivotally connected with said end sections and formed of a cap and parts *k* and *m*, fastened on said cap, substantially as described. 6th. As a new article of manufacture, a connection for coupling a chimney stack with a stovepipe through the roof or wall of a building, comprising a section *e*, having an offset *i*, provided with an opening *j*, a section *g*, provided with an opening *h*, and a section *f*, provided with an opening *o*, through which it is pivotally bolted to the section *g*, at its opening and with an opening *n*, through which it is pivotally bolted to the section *e*, at its opening, and a cap *l*, substantially as described. 7th. As a new article of manufacture, a connection for coupling a chimney stack with a stovepipe through the roof or wall of a building, comprising a section *e*, having an offset *i*, provided with an opening *j*, a section *g*, provided with an opening *h*, and a section *f*, formed of the part *m*, provided with an opening *o*, through which it is pivotally bolted to the section *g*, at its opening, the part *k*, provided with an opening

n, through which it is pivotally bolted to the section *e*, at its opening and the flanged cap part *l*, with which said parts *m* and *k*, are connected, and through which they are bolted together, substantially as described. 8th. In a coupling connection for the purposes set forth, the combination of a roof plate and an outward projecting pipe flexibly connected with said roof plate to be adjusted to any desired angle thereto, substantially as described.

No. 67,170. Stock and Hay Rack. (Ratelier à foin.)



Herbert A. Baker, Mosherville, Michigan, U.S.A., 1st May, 1900 6 years. (Filed 4th April, 1900.)

Claim.—1st. In a device of the class described, the combination of a bracket designed to be secured to a wagon body and provided at the top with an eye and having longitudinal flanges extending upward from the bottom of the bracket, the latter being provided at its top with open spaces, an arm hinged to the bracket and engaging the eye thereof detachably, and a brace hinged to the arm and provided with inwardly extending studs interlocked with the flanges of the bracket and adapted to pass through the open spaces at the top thereof, substantially as described. 2nd. In a device of the class described, the combination with a wagon body, and a hay rack side hinged to the wagon body, an inclined portion or member mounted on the body and provided with longitudinal flanges projecting from opposite sides thereof, said inclined portion or body being provided at its top with openings, and a brace hinged at its upper end to the rack side and provided at its lower end with inwardly extending studs sliding mounted on the inclined part or member, and interlocked with the flanges thereof, substantially as described. 3rd. In a device of the class described, the combination of a triangular bracket provided at its top with an eye and having a recess at one side thereof, said bracket being composed of a vertical inner portion, an inclined outer portion and a horizontal bottom portion, an arm provided at its inner end with a laterally disposed pintle arranged in the eye of the bracket and provided with a lug or projection adapted to pass through the recess of the bracket, and a brace hinged at its upper end to the arm and having its lower end slidingly mounted on and detachably interlocked with the inclined portion of the bracket, substantially as described. 4th. In a device of the class described, the combination of an inclined brace provided at its lower end with inwardly extending flanges and having studs projecting from the inner face thereof, a bracket provided at its bottom with a projection arranged to receive the lower end of the brace, said bracket being provided above the projection with oppositely disposed flanges interlocked with the studs, and a hay rack side connected with the brace and with the bracket, substantially as described.

No. 67,171. Hay Rake. (Ratelier à foin.)

Arthur Flavius Martin, Chester, California, U.S.A., 1st May, 1900; 6 years. (Filed 12th April, 1900.)

Claim.—1st. In a spring tooth rake, the end teeth thereof having wires extending in an approximately vertical direction across the arc of said teeth in the form of a chord and connecting the upper part of each end tooth with the lower portion proximate to the point thereof and serving as a guard to prevent hay working out at the ends of a rake. 2nd. A guard attachment for spring rakes, consisting of one or more wires having the ends fixed to the exterior teeth of the rake and extending across the arc of the teeth in the form of chords, with elastic intermediate sections. 3rd. A guard attachment for spring toothed rakes, consisting of wires having an elastic section, clamps adapted to be adjustably secured upon the outer teeth of the rake and screw eyes by which they are secured in position, said screw eyes also forming an attachment for the ends of the wires. 4th. A guard attachment for spring toothed rakes, consisting of wires having a portion of their length made elastic, connec-