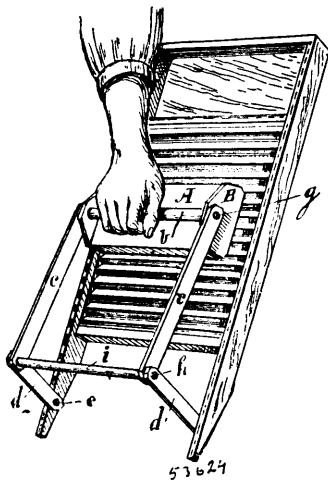


to the markers and the bight of which passes back to and engages with a series of pins located on the frame of the seeder, substantially as described.

**No. 53,624. Washboard Attachment.**  
(Attache pour planches à laver.)



Samuel Stephenson, Hampton, New Brunswick, Canada, 1st October, 1896; 6 years. (Filed 8th September, 1896.)

*Claim.*—The mode in which the levers *c* and *d* are attached to each other and to the washboard and to the rubber handle *b*, which permit a free or oscillating motion of the rubber and so enable it to move the whole length of the washboard (both up and down) taking in any thickness of clothes, maintaining when desired the under surface of the rubber exactly parallel to the plane of the washboard at all points of contact, substantially as and for the purposes hereinbefore set forth.

**No. 53,625. Pipe Joint.** (Joint de tuyau.)



John Alfred Nelson, Nebraska City, Nebraska, U.S.A., 1st October, 1896; 6 years. (Filed 10th September, 1896.)

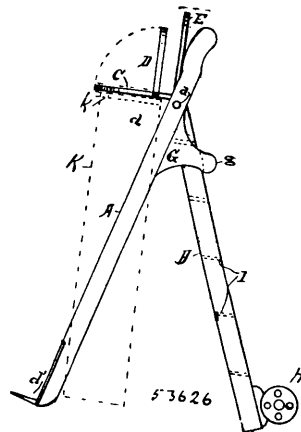
*Claim.*—A pipe section formed with an extension beyond the seam and at one side thereof, and a thread formed in the section and beginning at the said extension and terminating at the seam and at the side opposite to that on which the extension is formed, substantially as shown and described.

**No. 53,626. Store Truck.** (Camion de magasin.)

Arthur Hitchings, Muskegon, Michigan, U.S.A., 1st October, 1896; 6 years. (Filed 10th September, 1896.)

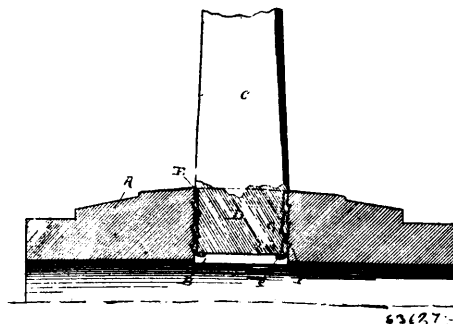
*Claim.*—1st. The combination in a step-ladder, and store truck, of a bag-holder pivoted to the top of the ladder stiles by a hinge consisting of hooks secured to the back edges of the stiles with a space between their ends and the tops of the stiles for the introduction of corresponding hooks projecting out at right angles from the

back ends of the bow that supports the bag, a guard and bearing surface on the stiles, and supporting offsets on the arms of the bow,



substantially as and for the purpose set forth. 2nd. The combination with a store truck having a step-ladder pivoted to its upper end, of an adjustable bag-holder and shelf consisting of two hooks secured to the tops of the step-ladder stiles in position to receive the bow that supports the bag, a bow made U-form with a hook on the end of each side bar in position to engage with the hooks on the step-ladder stiles, and offsets on the side bars in position to rest on the tops of the ladder stiles, a second bow pivoted to the side bars first in position to shut down over the outside of the first, and a shelf pivoted to close inside of the first bow and be supported thereby, substantially as and for the purpose set forth. 3rd. In combination, a store truck, a step-ladder pivoted to the upper end of the truck stiles so that the lower ends may be thrown apart to complete the step-ladder, a bag support, hooks secured to the back edges of the ladder stiles, arms projecting out at right angles with the arms of the bow to engage with the hooks on the ladder stiles, and offsets on the arms of the bow to rest on the tops of the stiles to support the bag-holder, substantially as shown and described.

**No. 53,627. Vehicle Wheel.** (Roue de voiture.)



Charles L. Schwarz, Philadelphia, Pennsylvania, U.S.A., 1st October, 1896; 6 years. (Filed 12th September, 1896.)

*Claim.*—1st. A wheel hub, having the socket or aperture for the tenon of the spoke formed with a metallic wall provided with inwardly projecting teeth adapted to lock the spoke tenon against removal, in combination with a wooden spoke having its tenon driven into the said socket or aperture and receiving the teeth of the metal wall, to prevent its withdrawal. 2nd. The combination of a wheel hub, with a spoke fitted thereto, and a locking plate interposed between the tenon of the spoke and the wall of the socket in the hub, and in which said plate is provided with projecting teeth upon its two opposite faces pointing in opposite directions, so that the plate is locked to the hub and the spoke tenon is locked to the plate. 3rd. A locking plate for securing a spoke tenon to a hub, consisting of a flat plate having teeth projecting from the faces thereof and pointing in opposite directions, the said teeth on one face being inclined upward and on the other face inclined downward. 4th. A locking plate for securing a spoke tenon to a hub, consisting of a flat plate having teeth projecting from the faces thereof and pointing in opposite directions, the said teeth on one face being inclined upward, and at the other face inclined downward, and a shoulder formed at one end of said plate, adapted to receive the end of the spoke tenon. 5th. The combination of the wooden hub A, the spoke C having a tenon D, and locking plate E provided with upwardly-directed teeth F adapted to fit into the wall of the sockets in the hub, and downwardly directed teeth G adapted to fit into the face of the tenon of the spoke.