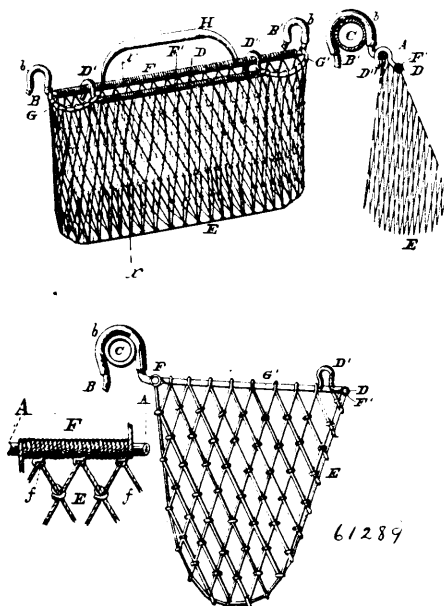


**No. 61,289. Luggage Carrier.** (*Porte-luggage.*)

David M. J. Wall, Buffalo, State of New York, U.S.A., 1st October, 1898; 6 years. (Filed 16th August, 1898.)

**Claim.**—1st. An improved luggage carrier consisting, essentially of a bar having hook-shaped ends, a further, but somewhat shorter, bar having hooks at its ends adapted to engage the first-mentioned bar, and a bag secured to said bar, as and for the object specified. 2nd. An improved luggage carrier consisting essentially of a bar having its ends formed into hooks, a further, but slightly shorter, bar having its ends formed into hooks adapted to engage the said first-mentioned bar, as described, a bag having its sides secured to said bars, and ties connecting said bars, as and for the object set forth. 3rd. As an improved article of manufacture, a luggage carrier, consisting, essentially, of a bar having its end formed into hooks as described, a further bar having its ends formed into hooks adapted to engage the said first-mentioned bar, a bag constructed of a reticulated fabric the sides of which are secured to said bars, and ties secured to and near the ends of said bars and passed through the meshes of the ends of said reticulated fabric, as and for the object stated. 4th. The improved luggage carrier hereinbefore set forth consisting, essentially, of a bar, hooks formed at the ends of said bar, elastic tubing over these hook-shaped ends, a further, but slightly shorter, bar, hooks formed at the two extremities thereof and adapted to engage the said first-mentioned bar, a bag constructed of netting the strands of which are closely and tightly wound around and tied to said bars, to secure said bars and passed through the meshes of the ends of said reticulated fabric, and a suitable handle secured to said first-mentioned bar, as described. 5th. As an improved article of manufacture, a luggage carrier, composed of a frame consisting of a bar having hooks at its ends and eyes adjoining these hooks, a further bar having hooks at its ends adapted to engage the said first-mentioned bar, loops adjoining these hooks, links having eyes engaging each other and the eyes and loops of the said bars respectively, and a bag secured to said bars and links, as and for the use and purpose set forth. 6th. A frame for a luggage carrier consisting, essentially of a bar, hooks at the end thereof, eyes adjoining these hooks, a further bar slightly shorter than the said first-mentioned bar and having hooks at its ends adapted to engage the said first-mentioned bar, loops adjoining these hooks, and links having eyes at their ends and engaging each other and the eyes and loops of the bars respectively, as described.

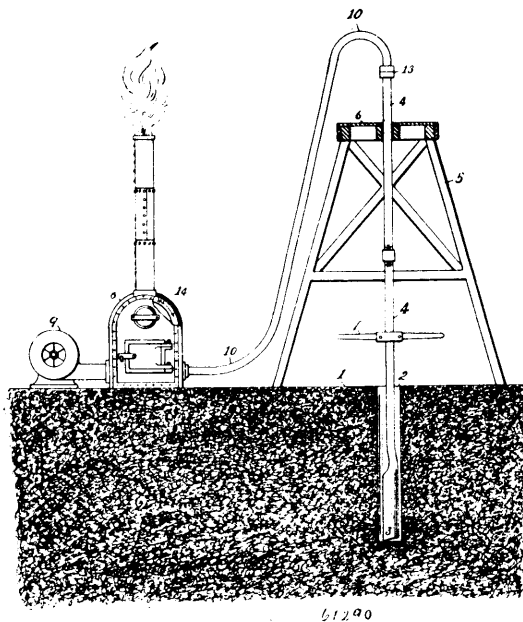
**No. 61,290. Implements for Boring Frozen Earth.**

(*Instrument pour percer la terre gelée.*)

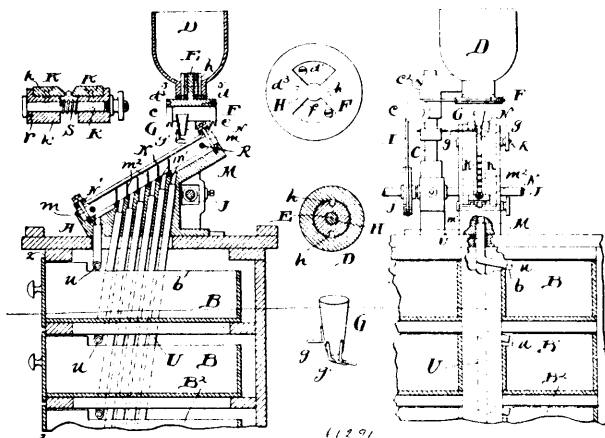
Eben H. Dyer, Alvarado, State of California, U.S.A., 1st October, 1898; 6 years. (Filed 21st February, 1898.)

**Claim.**—1st. A revoluble earth-auger, of concave, semi-cylindrical form, having in its semi-cylindrical walls inlet passages 11 extending to the bottom, and outlet passages 16 extending to the top of the cylindrical wall, a transverse cutting edge 12, and a hollow stem communicating with passage 11, substantially as specified. 2nd. A revoluble earth-auger, of concave, semi-cylindrical form, having

in its semi-cylindrical wall inlet passages 11 extending to the bottom, and outlet passages 16 extending to the top of the cylindrical

**No. 61,291. Machine for Sorting Balls.**

(*Machine pour assortir les boules.*)



Roland Henry White, Cleveland, State of Ohio, U.S.A., 1st October, 1898; 6 years. (Filed 15th August, 1898.)

**Claim.**—1st. In a ball sorting machine, a hopper having a contracted lower end, a cylindrical neck, and a plate across the lower end of said neck having a small hole in it, a rotatable cylinder in said neck having a surface groove whose lower end passes over the hole in the plate, and a disc which rotates with the cylinder and is placed below and close to the said plate and is provided with a hole which passes below the hole in the plate but not in line with the lower end of the groove in the cylinder. 2nd. In a ball sorting machine, a hopper and means for discharging balls singly therefrom into a funnel, a rearwardly inclined trough onto which the balls pass from said funnel, and forwardly inclined diverging sorting rails onto which the balls roll from said trough. 3rd. In a ball sorting machine, two inclined diverging distributing rails, means for delivering balls thereto, a plurality of conveyor tubes below the opening between said rails, partitions between the mouths of said tubes, and a case having sliding drawers into which the said tubes discharge.

**No. 61,292. Tack and Method of Making Same.**

(*Broquettes et méthode de fabrication.*)

Charles Beach Russell and Rodolphus C. Waterman, both of Hanover, State of Massachusetts, U.S.A., 3rd October, 1898; 6 years. (Filed 12th September, 1898.)

**Claim.**—1st. The herein described method of making a tack from wire, which consisting of severing the wire obliquely towards the