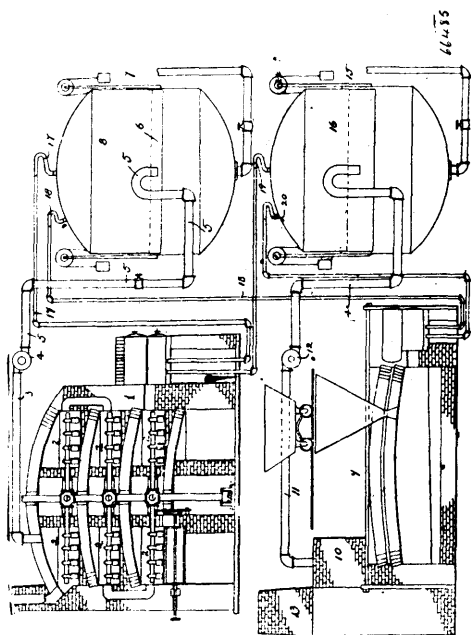


contact therewith, the sleeve T, pivotally and vertically adjustable on said bar P, and the frame A, provided with the flange *f*, and pivotally secured to the sleeve T, in combination with the bolt *a*, extending through the frame A, and sleeve T, a nut *b*, on the end of said bolt, and a coil spring *c*, encircling said bolt and interposed between said nut *b*, and frame A, substantially as and for the purpose set forth. 14th. In a wire fence weaving machine, the pivot bar P, the spacer bar R, and means for supporting said bars, the spacers R<sup>2</sup>, longitudinally adjustable on said bar R, and means for holding said spacers at the position to which they are adjusted on said bar K, and for holding the wire in contact therewith, the sleeve T, provided with the flange T<sup>2</sup>, pivotally and vertically adjustable on the bar P, and the frame A, provided with the flanges *f*, and A<sup>4</sup>, and pivotally secured to the sleeve T, in combination with the bolt *a*, extending through said flanges T<sup>2</sup>, and A<sup>4</sup>, the nut *b*, on the end of said bolt, and a coil spring *c*, encircling said bolt, and interposed between said nut *b*, and frame A, substantially as and for the purpose set forth. 15th. In a wire fence weaving machine, the pivot bar P, the spacer bar R, and the vertically and laterally curved arms S S, and means for engaging the horizontal wires *c*, with said arms, in combination with the sleeve T, pivotally and longitudinally adjustable on said pivot bar P, and the frame A, substantially as and for the purpose set forth. 16th. In a wire fence weaving machine, the pivot bar P, the spacer bar R, and the vertically and laterally curved arms S S, provided with flanges, and means for holding the horizontal wires *c*, between said flanges, in combination with the sleeve T, pivotally and longitudinally adjustable on said pivot bar P, and the frame A, substantially as and for the purpose set forth.

**No. 66,485. Apparatus for Utilizing the Waste Gases and fumes from Furnaces.** (*Appareil pour utiliser la fumée et les gaz perdus des fournaies.*)



Harrison B. Meech, Denver Colorado, U.S.A., 6th March, 1900; 6 years. (Filed 6th March, 1899.)

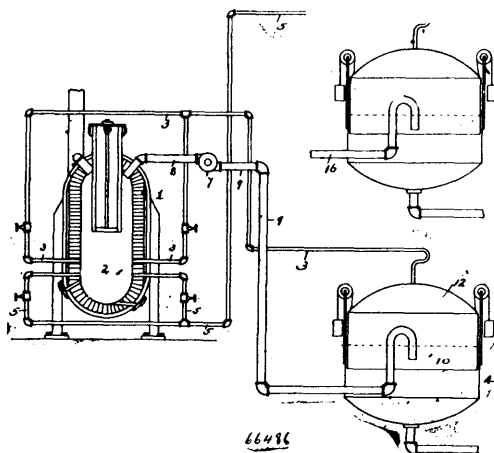
*Claim.*—In an apparatus for utilizing gases and fumes from ores, a roasting furnace in combination with a gasometer, means for forcing the gases and fumes from said furnace into said gasometer, a smelting furnace in combination with a gasometer, means for forcing the gases and fumes from said furnace into said gasometer, and return pipes leading from each of said gasometers to each of said furnaces, substantially as described for the purpose specified.

**No. 66,486. Apparatus for Utilizing the Waste Gases in the Production of Aluminum.** (*Appareil pour utiliser les gaz perdus dans la production d'aluminium.*)

Harrison B. Meech, Denver, Colorado, U.S.A., 6th March, 1900; 6 years. (Filed 6th March, 1899.)

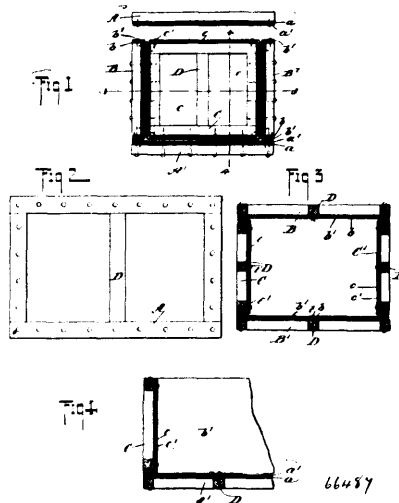
*Claim.*—A device for extracting aluminum from clay, consisting of a smelting furnace 1, in combination with two gasometers, 6 and

4, the gasometer 6 supplied with gases from furnaces for roasting or smelting ores, by a supply pipe 16, the gasometer 4 supplied with



gases from the smelting furnace 1 and return pipes 3 and 5 connecting said gasometers and said smelting furnaces.

**No. 66,487. Packing Box.** (*Boîte d'emballage.*)



Charles Ayers Robbins, New York City, New York, U.S.A., 6th March, 1900; 6 years. (Filed 20th February, 1900.)

*Claim.*—1st. A packing box, the same consisting of open frames forming the top, bottom, sides and ends of the box, and linings secured upon the inner faces of the said frames, and having portions exposed through the openings of the frames, sundry of said linings having their edges bent around members of said frame so as to be clamped between two frames, substantially as described. 2nd. A packing box comprising open frames forming the top, bottom, sides and ends of the box, and linings secured to the inner surface of the said frames, and having portions exposed through the openings of the frames, the linings of the top and bottom frame extending flush with the outer edges of the said frames, while the linings of the sides extend flush with the vertical members of the said side frames and are bent over and under the top and bottom members of the said frames, the linings of the ends being extended and bent over the top, bottom and side members of the end frames, whereby two linings will be in contact with each other at each joint, substantially as described. 3rd. A packing box, comprising open frames forming the top, bottom, sides and ends of the box, and linings secured to the inner surfaces of the said frames, and having portions exposed through the openings of the frames, the linings of the top and bottom frames extending flush with the outer edges of the said frames, while the linings of the sides extend flush with the vertical members of the said side frames and are bent over and under the top and bottom members of the said frames, the linings of the ends being extended and bent over the top, bottom and side members of the end frames, whereby two linings will be in contact with each joint, each of said linings consisting of a plurality of layers placed together loosely so as to form an air space between them, substantially as and for the purpose set forth.