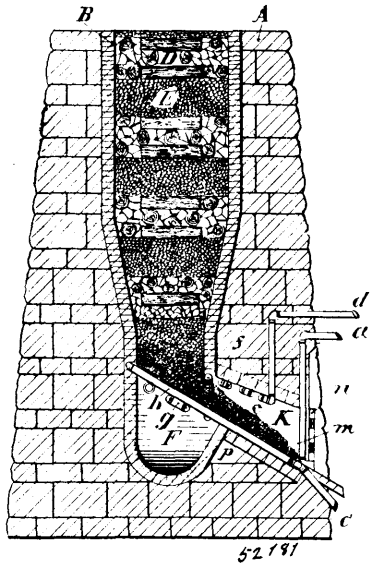
Claim.—1st. A seat or cushion composed of a series of spring wires, flexible supporting means to which the upper end of each spring wire is connected, a coil located between the ends of each of said spring wires and forming the edge of said seat or cushion, a flexible support to which said spring wires are connected located in the said coil of each spring wire and adapted to yield under the action of weight upon said seat or cushion, and a support to which the lower end of each spring wire is connected. 2nd. A seat or cushion composed of a series of spring wires each coiled to form the edge of the seat or cushion and arranged in rows, a flexible support for each row to which the upper end of each spring wire of the same row is connected, a flexible support for each row located in the said bend of each spring wire, a support to which the lower end of each spring wire is connected, and flexible connections between the flexible supports to which the upper ends of the said spring wires are connected. 3rd. In a seat or cushion, a series of spring wires coiled between the ends thereof to form the edge of said seat or cushion and arranged in opposite rows, an elastic support for each row to which the upper ends of the spring wires of the same row are connected, a support for each row located in the said coils of the said spring wires, a support to which the lower ends of the said spring wires are connected, and flexible connections between the elastic supports to which the upper ends of the said spring wires of the opposite rows are connected. 4th. A seat or cushion, composed of a series of spring wires, a coiled wire spring support to which the upper end of each spring wire is connected, a coil located between the ends of each of said spring wires and forming the edge of said seat or cushion, a coiled wire spring support to which said spring wires are connected located in the coil of each spring wire and adapted to yield under the action of weight upon said seat or cushion, and a support to which another coil arranged on each spring wire is connected. 5th. A seat or cushion composed of a series of three-armed springs, each containing between its end spring coils, and a supporting frame for said three-armed springs comprising rigid rods and coiled springs which are extended through said spring coils.

No. 52,181. Smelter for Fusing Mineral Ores.
(*Fondeur pour la fusion des minerais.*)



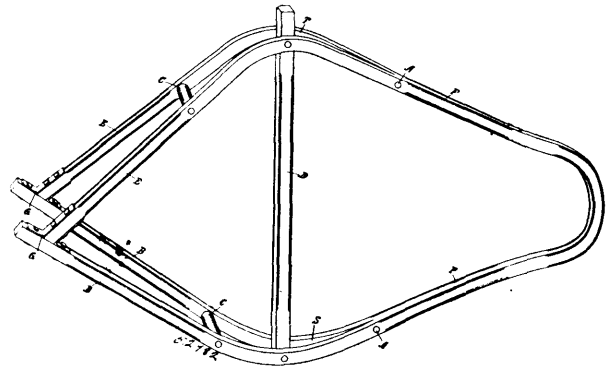
Charles Bishop, Tacoma, Washington, U.S.A., 6th May, 1896; 6 years. (Filed 27th March, 1896.)

Claim.—1st. A furnace containing a combination of pipes forming an upper sloping grate *b*, having an inlet pipe *a*, and outlet pipe *e*, all substantially described. 2nd. The cooler and outlet K, from smelter C, its pipes *e*, above and grate *b*, at bottom with pipes *f*, at its sides, all substantially as set forth. 3rd. Its basin F, with an offset *p*, having a channel *i*, an outlet at the bottom, all substantially described. 4th. A cooler and outlet L, from basin F, with a sloping grate *i*, at the bottom with pipes *h*, at its sides and top, all substantially as set forth.

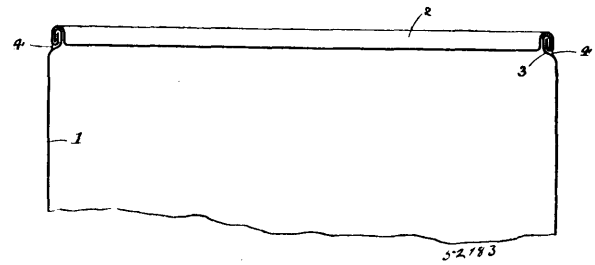
No. 52,182. Bicycle Frame. (*Cadre de bicycles.*)

John P. McCloskey, Sarnia, Ontario, Canada; 6th May, 1896; 6 years. (Filed 19th March, 1896.)

Claim.—1st. A frame F, for bicycles and the like, formed of wood or other equivalent material, and in one piece, and with the bifurcated ends B, and E, substantially as and for the purpose set forth. 2nd. A frame F, for bicycles and the like, formed of wood or other equivalent material, and in one piece, and with the bifurcated ends B, and E, in combination with the bolts A, or their equivalent, substantially as and for the purpose set forth. 3rd. A frame F, for bicycles and the like, formed of wood or other equivalent material, and in one piece, and with the bifurcated ends B, and E, in combination witn the stay or brace D, substantialiy as and for the purpose set forth. 4th. A frame F, for bicycles and the like, formed of wood or other equivalent material, and in one piece, and with the bifurcated ends B, and E, in combination with the stay or brace D, and bolts A, or their equivalent, substantially as and for the purpose set forth. 5th. A frame F, for bicycles and the like, formed of wood or other equivalent material, and in one piece of the shape shown, and with bifurcated ends B, and E, in combination with the stay or brace D, bolts A, or their equivalent, and the blocks C, substantially as and for the purpose set forth.



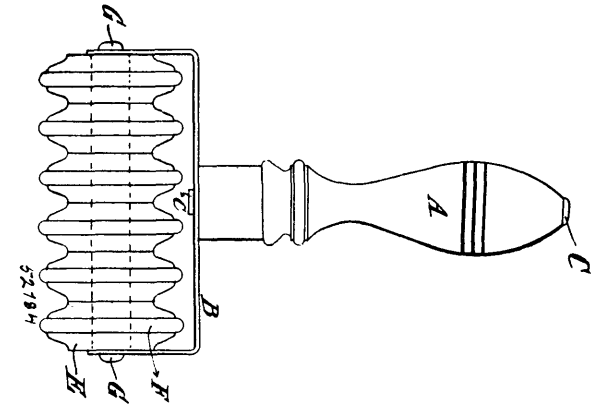
No. 52,183. Can. (*Boîte métallique.*)



William Arthur Read, Liverpool, England, 6th May, 1896; 6 years. (Filed 11th December, 1894.)

Claim.—1st. The improved can in which the ends are jointed to the body of the can by double-lapped seams the outer surfaces of which are flush with the said body, substantially as described and illustrated. 2nd. The improved can in which the ends are jointed to the body of the can by double-lapped seams, the end edges of the body being reduced in diameter to form shoulders between which and the turned over parts of the ends a bead of solder is run, the said turned-over portions of the ends being flush with the surface of the can, substantially as described and illustrated. 3rd. In cans, the combination of the ends 2 and the body 1 of the can, having its end edges worked abruptly inwardly and jointed to the ends by double-lapped joints, and having shoulders 3, to which the solder 4 to close the joint is applied, substantially as described and illustrated.

No. 52,184. Massage Appliance. (*Appareil de massage.*)



William Douglas, Toronto, Ontario, Canada, 6th May, 1896; 6 years. (Filed 12th March, 1896.)

Claim.—The combination of a series of wheels, each independent of the other, bevelled towards the outer rim in the shape of a com-