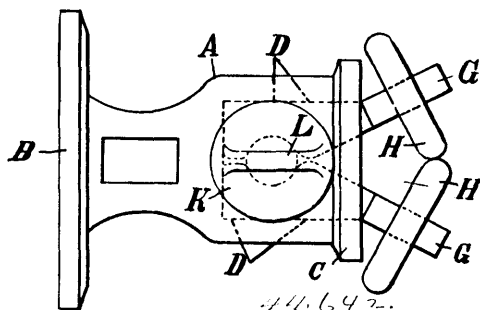


the air to support combustion becomes previously heated by contact with the hot walls of the hearth in the interior of vertical passages formed between the hearth and the outer walls of the stove, substantially as herein shown and described. 4th. In a gas stove, the combination of a regenerative hearth with air heating passages, substantially as herein shown and described and for the purpose stated.

**No. 44,642. Holder for Animals.**  
(*Attache pour animaux.*)

*Fig. 1*

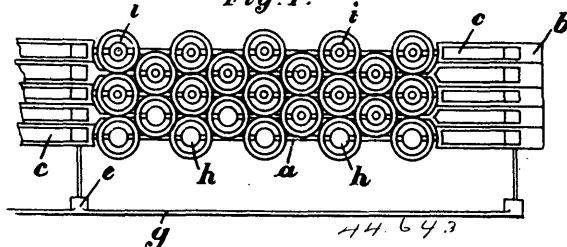


Johann W. Ziellenbach, Crefeld, German Empire, 7th November, 1893; 6 years.

*Claim.*—For use in securing horses or other animals in stables or other buildings, the hereinbefore described fastening or fitting consisting in connecting pieces, E, E, which are provided with rings and are capable of being placed singly or together in a cavity or opening formed in a holder A, secured in or to the wall or beam or other suitable part of the stable or other building in which the said fastening or fitting is to be employed, and of being secured in the cavity or opening in the said holder A, by means of a pin or stud F, inserted into such holder and capable of being quickly withdrawn therefrom in order to release such connecting pieces, E, E, from the holder A, in case of fire or flood or other accident or danger, substantially in the manner hereinbefore described and illustrated.

**No. 44,643. Firebar.** (*Barreau de grille.*)

*Fig. 1.*

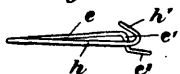


Carl Mohring, Pankow, Prussia, German Empire, 7th November, 1893; 6 years.

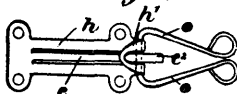
*Claim.*—1st. A firebar, the fire covered surface, of which is provided with annular cylindrical passages *h* or *i*, for air admission, and with end parts or heads *b*, having holes or passages *c*, with valves *d*, substantially as described and shown.

**No. 44,644. Hook and Eye.** (*Crochet et œillet.*)

*Fig. 1.*



*Fig. 2.*



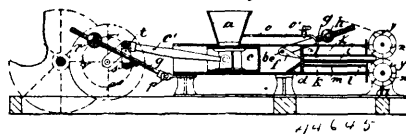
Heinrich Mentzel, Berlin, Prussia, German Empire, 7th November, 1893; 6 years.

*Claim.*—A hook provided with a stop spring, which is prolonged

so as to form a nose projecting outwards to the front of the base of the hook, whereby the latter can be opened directly, and in which the stop spring by the arrangement of a vertical closing surface is adapted to prevent the automatic opening, constructed and arranged, substantially as hereinbefore described.

**No. 44,645. Method of and Apparatus for Producing Peat Briquettes.** (*Méthode et appareil pour la production de briquettes de tourbe.*)

*Fig. 2*

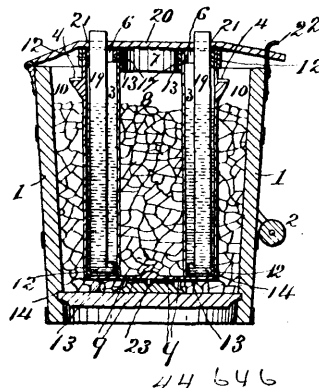


Emanul Stauber, Hamburg, German Empire, 7th November, 1893; 6 years.

*Claim.*—1st. A process for the production of peat briquettes, consisting in pressing the wet peat as got from the bog for the purpose of partially freeing it from water, in moulding it into single briquettes in completely drying and hardening the briquettes in a continuous action drying oven, and finally in coking the dried briquettes away from the air in a continuous action coking furnace. 2nd. A machine for drying raw peat consisting of a chamber provided with a feed hopper, of a piston reciprocated in the chamber past the hopper opening, and of an adjustable resistance device at the opposite end of the chamber to the hopper, the whole substantially as set forth. 3rd. In a press for expressing moisture from the raw peat, the combination with perforated parts bearing on the said material, of a jute or gauze covering, substantially as described. 4th. In a press for drying raw peat, a weighted lever *g* adapted to be raised by the crank during the latter half of the back motion and first part of the forward motion to store power, and adapted in falling to act on the crank during the latter half of the forward motion and first half of the back motion, substantially as described. 5th. A machine for drying raw peat, consisting of a chamber provided with a feed hopper, of a piston reciprocated in the chamber past the hopper opening, and of a series of heating tubes situated at the end of the said chamber and through which the plastic material is forced, substantially as described for the purpose set forth. 6th. A machine for drying and moulding into blocks raw peat, consisting of a chamber provided with a feed hopper, of a piston reciprocated in the chamber past the hopper opening, and of two moulding rollers provided with corresponding recesses of the shape of the briquettes, and between which the plastic peat is formed, substantially as described for the purpose set forth. 7th. A continuous action drying oven for peat briquettes, consisting of a series of superposed drying plates, and of a series of travelling bands for carrying the briquettes over the drying plates, substantially as described. 8th. A continuous action coking furnaces for peat briquettes, consisting of a coking space, of a removable fire box underneath the fire box, of a removable damper plate separating the coking space for the fire box, of air inlet pipes to the coking space, of outlet pipes connected to exhaust ventilators from the coking space and of a winged disc arranged below the coking space, and adapted to remove the coked briquettes when the fire box is removed, the whole substantially as described.

**No. 44,646. Ice Cream Freezer.**

(*Appareil réfrigérant pour crèmes.*)



James Foster, Starkville, Mississippi, U.S.A., 7th November, 1893; 6 years.

*Claim.*—1st. In an ice cream freezer, the dashers and the dasher frame having its ends formed by two rings one within the other, the