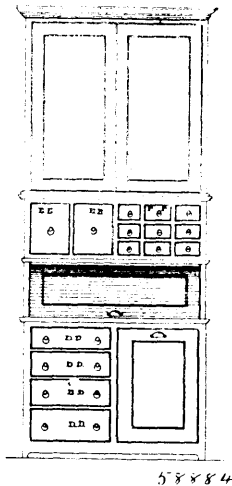


valve adapted to be seated on the said seat by pressure from within the boiler, the stem of the valve extending through a stuffing box in the casing, a cam on the said stem, and a bracket carried by the said casing, and having a cam surface adapted to be engaged by the said cam, to impart a sliding motion to the said valve stem, substantially as shown and described. 2nd. A gauge cock, comprising a casing adapted to be screwed to a boiler, and formed with a bore terminating at its inner end in a chamber having an outlet, a valve seat on the inner end of the said casing, a valve adapted to be seated on the said seat, a valve stem carrying the said valve, and extending loosely through the said bore and the said chamber, and through a stuffing box on the outer end of the said casing, a handle on the said stem, a cam secured on the said stem, and a bracket screwed on the said casing, and formed with a cam surface adapted to be engaged by the said cam, to slide the said valve stem in the said casing, substantially as shown and described.

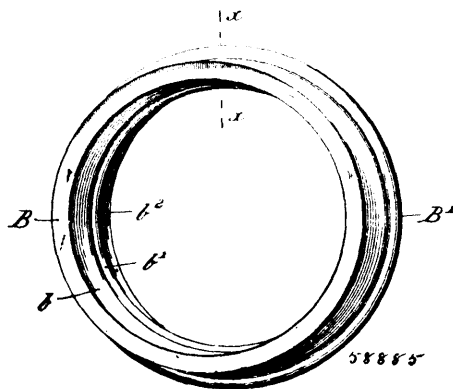
No. 58,884. Baking Cabinet. (*Cabinet de cuisine.*)



John W. Dobson, Toronto, Ontario, Canada, 2nd February, 1898; 6 years. (Filed 19th January, 1898.)

Claim.—1st. A flour receptacle moving outward upon a roller and tilting forward, substantially as described. 2nd. A flour receptacle mounted upon a roller and adapted to be moved outward thereon and a projection upon the bottom of the receptacle which comes in contact with the roller, substantially as described. 3rd. A flour receptacle mounted upon two rollers and a strip upon the bottom of the flour receptacle which comes in contact with the outer roller, substantially as described. 4th. A baking cabinet composed of a flour receptacle C, a bake board A, and the arrangement of drawers D D, E E, F F, substantially as described.

No. 58,885. Car Wheel. (*Roue de chars.*)

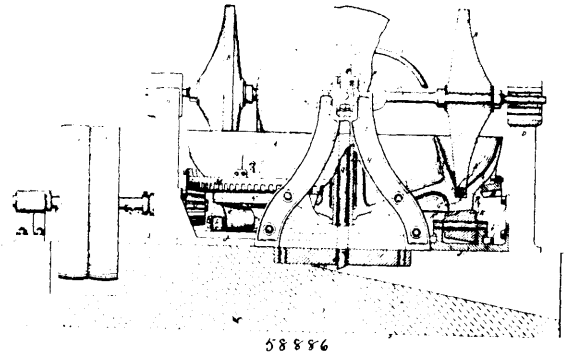


James Wheeler Fuller, Catasauqua, Pennsylvania, U.S.A., 3rd February, 1898; 6 years. (Filed 20th January, 1898.)

Claim. 1st. A car wheel provided with a steel tire and flange, the inner edge of which from the outer side is inclined to a convex-concave offset and therefrom inclined to the inner side, substantially as and for the purposes described. 2nd. A car wheel provided with a steel tire and flange, the inner edge of which from the outer

side is inclined to a convex-concave offset and therefrom inclined to the inner side and said tire fused, welded or otherwise secured to a metal or other body, substantially as and for the purposes described. 3rd. A car wheel provided with a steel tire and flange, the inner edge of said tire from the outer side inclined to a convex-concave offset and therefrom oppositely inclined to the inner side, said tire fused or welded to a cast-iron body having a recess complementary to said tire offset and inclined walls or edges complementary to those of said tire, substantially as and for the purposes described.

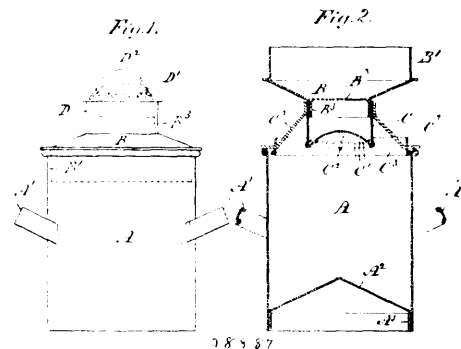
No. 58,886. Ore Reducing Machine. (*Machine à réduire le minéral.*)



Thomas R. Jordan, New York, State of New York, U.S.A., 3rd February, 1898; 6 years. (Filed 29th November, 1897.)

Claim.—1st. In a crushing or reducing machine having a revolving chamber and two or more runners revolving over a crushing path therein, radial arms or spindles mounted in toggle bearings near the centre of the machine and in fixed guide blocks outside the crushing chamber for the purpose of admitting a vertical or riding motion to the said runners over the said crushing path and to retain the said spindles or runners in a fixed position radially. 2nd. In a crushing or reducing machine having a revolving crushing chamber and two or more runners revolving over a crushing path therein, a circulating channel in the said crushing path to contain mercury, as and for the purpose described. 3rd. In a crushing or reducing machine having a revolving crushing chamber and two or more runners revolving over a crushing path therein, pipes forming a syphon with adjustable inlet and outlet to carry away the water and crushed material from the said crushing chamber, substantially as and for the purpose described. 4th. The general arrangement and combination of parts constituting the improved reducing machine substantially as herein described with reference to the annexed drawings.

No. 58,887. Milk Strainer and Cooler.
(*Garde-lait et couloir.*)



John B. Genin and Frank Wilson, both of Montreal, Quebec, Canada, 3rd February, 1898; 6 years. (Filed 7th January, 1898.)

Claim.—1st. The combination with the can A, of the perforated cooling vessel or receptacle C, provided with legs C², and having a ring C³, connecting said legs and fitting around the inside of the can the invertible cover portion B, having a sieve B², and the removable portion D, of the cover provided with perforations D¹, as set forth. 2nd. In combination with the can A, the detachable cooler C, having legs C², and ring C³, and the invertible cover-section B provided with a straining cloth or sieve B², and having a removable perforated top D, as set forth.