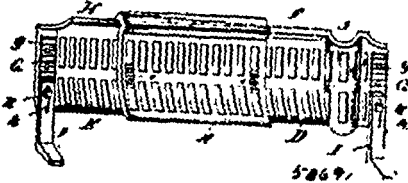


travelling apron suitably supported, a still bar, a belt wound spirally around part of its surface, and a roller, all in operative relation with one another, the roller being placed obliquely with reference to the direction in which the apron travels, of means for conducting the tobacco into the space between the roller and said apron and belt, substantially as set forth.

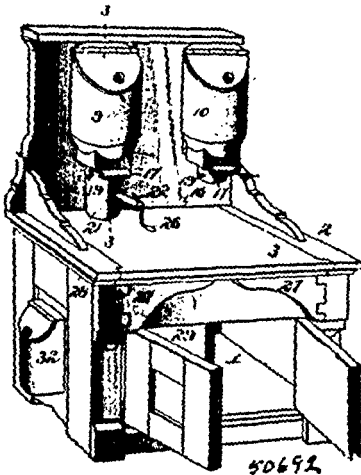
**No. 50,691. Front Grate for Cook Stoves.**  
(Grille de poêle de cuisine.)



Fay O. Farwell and The Adams Company, both of Dubuque, Iowa, U.S.A., 2nd December, 1895; 6 years.

*Claim.*—1st. A front grate for cook stoves, consisting of a main plate, air holes through said main plate, supporting legs for sustaining the grate at the required height in the stove and means for adjustably attaching said legs to the said grate, as and for the purposes shown. 2nd. In a cook stove, a front grate consisting of a main plate having a dovetail running longitudinally along its upper edge, air openings through said plate, one or more wings provided with tenons adapted to engage the dovetail of the main plate, supporting legs for sustaining the grate at the required height in the stove, and means for adjustably attaching said legs to said grate, for the purposes shown. 3rd. A front grate for cook stoves, consisting of a main plate extending wings, one of which wings is supplied with a vertical semi-circular portion, and means for adjustably attaching said wings to the main plate, substantially as described and shown. 4th. An adjustable front grate for cooking stoves, consisting of a main plate with a longitudinal dovetail along the upper inner edge of said plate, two wings with their upper edges formed into tenons, for engaging with said dovetail in said plate, and having their outer ends corrugated or roughened, one of said wings having a vertical semi-circular portion and supporting legs adjustably secured to the outer ends of said wings, all combined substantially as described and shown.

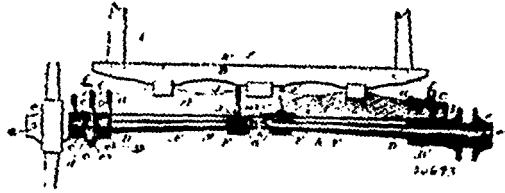
**No. 50,692. Kitchen Cabinet.** (Buffet de cuisine.)



John Fisher, George W. Jones, Theodore Parker and Millard Perry, all of Springdale, Arkansas, U.S.A., 2nd December, 1895; 6 years.

*Claim.*—A kitchen cabinet having a body portion provided below the plane of its top with a depressed receptacle forming a sink, said top having a removable section fitted to slide forwardly and rearwardly and constituting a cover for the sink, swinging brackets on the front of the cabinet for supporting the sliding section when extended to form a table or biscuit board, bins supported by a bracket rising from the top of the cabinet in rear of the sink, said bins having their lower outlet ends arranged adjacent to the plane of the top of the cabinet, when by a receptacle to receive flour or meal must be arranged in the sink and the movable section of the top extended to expose the same, substantially as specified.

**No. 50,693. Vehicle.** (Voiture.)



John Henry Curl and Clay Faulkner, assignees of Gailbreath Cummins, all of MacMinnville, Tennessee, U.S.A., 2nd December, 1895; 6 years.

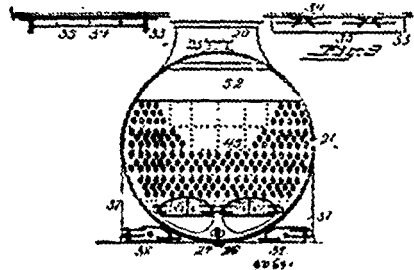
*Claim.*—1st. The combination with a revoluble axle, of an outer bearing therefor and an inner pivotally adjustable bearing, substantially as set forth. 2nd. The combination with a revoluble axle, of an outer bearing therefor, an inner pivotally adjustable bearing, and devices for securing the latter in a fixed position after it has been adjusted, substantially as set forth. 3rd. The combination with a revoluble axle, of an outer bearing, and an inner bearing constructed and adapted to be adjusted horizontally and pivotally and prevented from displacement laterally and longitudinally, substantially as set forth. 4th. The combination with a revoluble axle, of an outer bearing, an inner bearing, a fixed plate having a perforation and a projection on the inner bearing adapted to enter said perforation and means for securing said bearing in a fixed position, substantially as set forth. 5th. The combination with a fixed axle and a revoluble axle, of outer bearings for the revoluble axle secured to the fixed axle, a perforated plate secured to the fixed axle, a bearing block for the inner end of the revoluble axle, a projection on said bearing block entering said perforated plate, and a strap of clip for securing said bearing block to the fixed axle, substantially as set forth. 6th. The combination with an outer and an inner bearing and a revoluble axle mounted therein, of a collar mounted therein, of a collar mounted on the end of the axle and having a notched cam-shaped end and a pin passing through the axle and adapted to enter one of said notches, substantially as set forth. 7th. The combination with a fixed axle, of an outer bearing secured thereto, an inner pivotally adjustable bearing, an axle mounted in said bearings, ears projecting from the inner bearing, and a strap or clip passing through said ears and over the fixed axle, substantially as set forth. 8th. The combination with a fixed axle, of a sleeve on the end thereof, a block or plate made integral with said sleeve and forming the upper portion of a bearing for a revoluble axle, a block forming the lower portion of said bearing, ears projecting from one portion of said bearing, and a strap or clip passing through said ears and over the said sleeve, substantially as set forth.

**No. 50,694. Composition of Artificial Stone, etc.**  
(Composition de pierre artificielle, etc.)

Frederick Brown and John King, both of Fort William, Ontario, Canada, 2nd December, 1895; 6 years.

*Claim.*—1st. A composition for artificial stone composed of cement, sand and lime combined with saccharine matter, carbonate of soda, silicate of soda alum and chloride of calcium, substantially in the proportions and for the purpose set forth. 2nd. The process herein described for manufacturing artificial stones or brick for building purposes, tiles or paving, and all other purposes to which the same can be applied using a composition of cement, sand and lime combined with saccharine matter, carbonate of soda, silicate of soda, alum and chloride of calcium, substantially mixed and combined in the proportions and manner herein specified and set forth and forming the composition into desired forms, substantially as described and for the purposes set forth.

**No. 50,695. Steam Boiler.** (Chaudière à vapeur.)



John MacCormack, Bayonne, New Jersey, U.S.A., 2nd December, 1895; 6 years.

*Claim.*—1st. In a water-tube boiler, the combination with the cylindrical water-heads, water-tubes extending from the fire-sheet