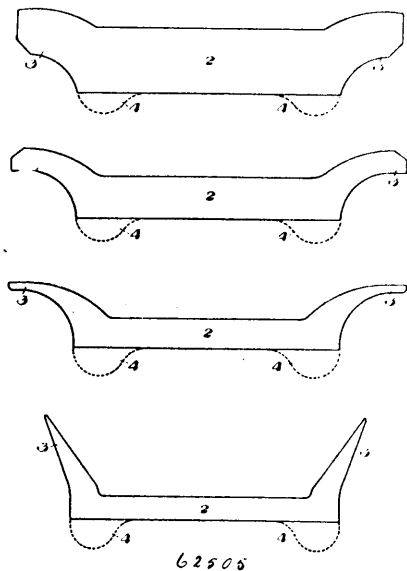


rolling tie-plate bars, consisting in forming a bar with substantially right-angled flanges at its side edges, and bumps opposite the flanges,

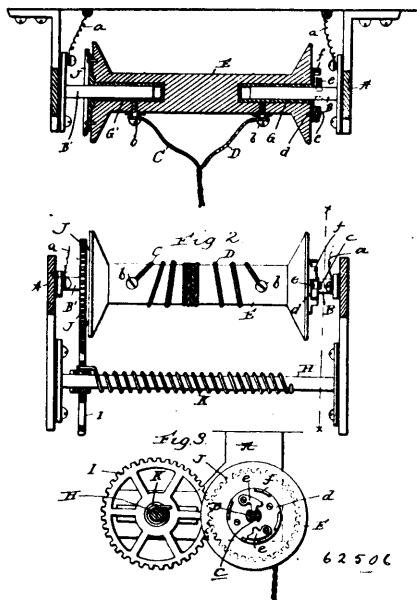


62505

and then forcing the flanges inwardly from the edges and rolling the metal of the bumps into the plate without substantially increasing the width of the plate, substantially as described.

No. 62,506. Electric Lamp Hanger.

(Pendant de lampe électrique.)



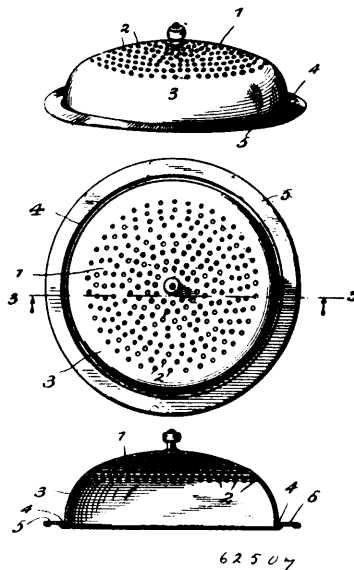
62506

William F. Murphy, Iowa, state of Iowa, U.S.A., 2nd February, 1899; 6 years. (Filed 16th November, 1898.)

Claim.—1st. In a hanger for electric devices, the combination of bracket arms, metallic spindles connected with and extending inwardly from the bracket arms and adapted to be electrically connected with the opposite poles of an electric generator, the spool or drum having metallic bushings in its opposite ends snugly receiving the spindles, wires wound on the spool and adapted to be connected with an electrical device, metallic screws connecting the wires to the spool or drum and impinging against the bushings thereof, suitable means for rotating the spool to wind the wires thereon, and suitable means for normally holding the spool against rotation, substantially as specified. 2nd. The hanger described for electric devices comprising the bracket arms, metallic spindles connected with an extending inwardly from the bracket arms, one of said spindles having seats, the spool or drum having metallic bushings in its ends snugly receiving the spindles and also having a gear, and pawls adapted to engage the seats of the spindle, an arbor carried by the bracket arm a gear mounted on said arbor and meshing with the gear on the

spool or drum, a coiled spring surrounding the arbor and having one end fixed with respect to the bracket arms and its opposite end connected with the gear on the arbor, the wires adapted to be connected with an electric device and wound on the spool or drum and the screws connecting said wires to the spool or drum and impinging against the bushings therein, substantially as specified.

No. 62,507. Frying Pan. (Poêle à frire.)

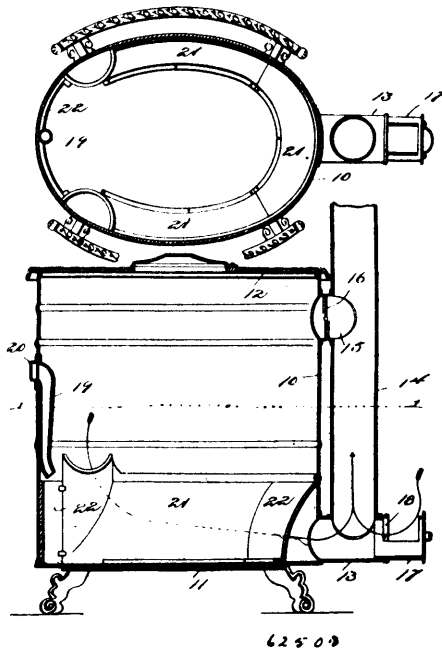


62507

Hester A. Bowers, Reading, Pennsylvania, U.S.A., 2nd February, 1899; 6 years. (Filed 17th January, 1899.)

Claim.—A frying pan cover comprising a partially imperforate body having its arched or crowned upper part provided with a plurality of minor perforations, an exterior supporting flange outside of the body, and an inclined wall which joins the flange and lower edge of the body and forms with the body an exterior collecting trough at the base of the body, substantially as described.

No. 62,508. Sheet-Metal Stove. (Poêle en feuille métallique.)



62508

Charles T. McCarroll, Ottumwa, Iowa, 2nd February, 1899; 6 years. (Filed 17th January, 1899.)

Claim.—1st. In a sheet-metal stove having smoke-discharge openings therein, the combination of a plate within the stove resting upon the bottom and engaging the sides thereof and having draft openings therein, and forming within the sides and bottom a com-