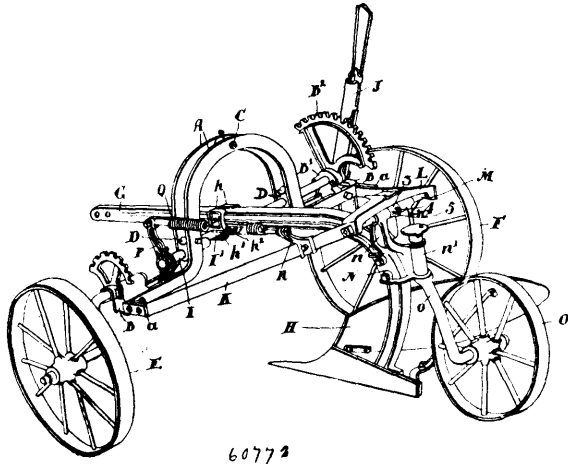


moving irregular surface, three rollers, two of which are pivoted in a frame which is itself pivoted in a movable carrier, and the other roller is pivoted in a movable member which is under operative control, the latter roller being connected with means adapted to force it into tangential contact with both of the rollers.

No. 60,772. Sulky Plough. (*Charrue à siège*.)



60772

The Cockshutt Plough Company, assignee of George Wedlake, both of Brantford, Ontario, Canada, 3rd August, 1898; 6 years. (Filed 12th July, 1898.)

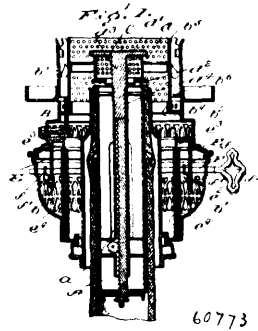
Claim.—1st. In a riding plough, the combination with the cross beam provided with a central arch and the land wheel and furrow wheel supporting the ends thereof, of the plough and plough beam pivotally supported on the rear of the frame and means for supporting and adjusting the front end of the plough beam within the arch as and for the purpose specified. 2nd. In a riding plough, the combination with the double cross beam provided with a central arch and the land wheel and furrow wheel supporting the ends thereof, of the plough and plough beam pivotally supported on the rear of the frame, the bracket secured towards the front end of the plough beam and provided with the lower slots, the crank shaft and journals therefor supported in the arched cross beam and having the crank portion extending through the slots in the brackets and means for turning the crank shaft, as and for the purpose specified. 3rd. In a riding plough, the combination with the double cross beam provided with a central arch and the land wheel and furrow wheel supporting the ends thereof, of the plough and plough beam pivotally supported on the rear of the frame, the bracket secured towards the front end of the plough beam and provided with the lower slots, the crank shaft and journals therefor supported in the arched cross beam and having the crank portion extending through the slots in the brackets, the quadrant secured in the end of the cross beam and a co-acting lever secured in the end of the crank shaft, as and for the purpose specified. 4th. In a riding plough, the combination with the double cross beam provided with a central arch and the land wheel and furrow wheel supporting the ends thereof, of the plough and plough beam pivotally supported on the rear of the frame, the bracket secured towards the front end of the plough beam and provided with the lever slots, the crank shaft and journals therefor supported in the arched cross beam and having the crank portion extending through the slots in the brackets, means for turning the crank shaft, the arms secured on one end of the crank shaft, the bracket secured in the frame and the spiral spring connecting the frame and the bracket, as and for the purpose specified. 5th. In a roller plough, the combination with the cross beam provided with a central arch and the land wheel and furrow wheel, of the rear cross bar, the rod secured in the ends of the same, the braces extending from the end of the arched beam to the ends of the rear cross bar, the double bracket supported on the rod and carrying the plough beam and follower wheel and the adjustable collar held on the rod between the two members of the double bracket, as and for the purpose specified.

No. 60,773. Lamp Burner. (*Bec de lampes*.)

George D. Moffat, New York, State of New York, U.S.A., assignee of Paul Lucas of Berlin, Empire of Germany, 3rd August, 1898; 6 years. (Filed 2nd June, 1898.)

Claim.—1st. In a lamp burner having a central wick tube, a perforated gallery and a perforated cylinder within said gallery surrounding the upper end of said wick tube and extending above the gasifier, a gasifier located immediately above said wick tube, and consisting of a perforated body, an upper unperforated cap and lower ring, the latter being parallel to the end of the wick tube, as set forth. 2nd. The herein described lamp, comprising a central

wick tube, a perforated gallery and gallery support surrounding said tube, an upper perforated cylinder within said gallery extend-



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ing from below the top of the wick tube to above the gasifier, and a gasifier consisting of a tubular body located centrally above and close to said wick tube, and having an upper cap and a lower ring, the latter being located parallel with the upper end of said wick tube, substantially as set forth. 3rd. The herein described lamp burner comprising a central wick tube, a gallery and support therefor having perforations therein, a flanged ring within said gallery, a perforated cylinder above said ring and extending above the gasifier, said ring surrounding the upper end of said wick tube, a gasifier consisting of a perforated tubular body and upper unperforated cap, and a ring on the lower end of said tubular body close to the wick tube, a rod depending from said cap, and a support in said wick tube for said rod, substantially as set forth. 4th. In a lamp burner having a central wick tube and perforated gallery extending above the gasifier, a gasifier consisting of a perforated cylinder within said gallery, a ring located above, close to, and parallel with the upper end of said wick tube, a perforated tubular body above said ring to which the latter is secured, and a spreader, substantially as set forth. 5th. In a lamp burner for incandescent petroleum lamps having a central wick tube and an outer perforated gallery and gallery support, a perforated cylinder extending above the gasifier, a gasifier consisting of an upright cylinder supported within said wick tube, and a ring located above, close to, and parallel with the upper end of said wick tube, and a spreader for the mantle above and around said gasifier, whereby a bright incandescent light may be produced, substantially as set forth. 6th. In a lamp burner, a movable gallery carried by vertically sliding uprights, said uprights being bent outwardly and downwardly at the top, the downward bends having slotted right angular extensions, in combination with a wick shaft carrying arms having pins working in the slots in said extensions, substantially as set forth. 7th. In a lamp burner, the combination of a wick tube composed of inner and outer members, the inner member forming a draft tube and having an opening for the admission of air, a gasifier above the wick tube consisting of a tubular shell or thimble having a top plate, perforated sides, and a deflecting ring below said top plate and perforated sides and located directly above and close to the top of the wick when the lamp is in operation, said gasifier having also an opening for the admission of air from the draft tube and gas from the wick, and a casing surrounding the wick tube and gasifier and provided with openings for the admission of air into the space surrounding the wick tube and gasifier, the construction and proportions of the parts being such that when the lamp is in operation combustible vapour generated by the flame at the top of the wick passes through the gasifier and the perforations therein, and burns with a blue or colourless flame on the outside of the gasifier, substantially as described. 8th. In a lamp burner, the combination with wick and inner draft tubes, of a gasifier above the wick tube consisting of a tubular shell or thimble having a top plate, perforated sides, and a deflecting ring at the bottom, located directly above and close to the top of the wick when the lamp is in operation, said gasifier having in its bottom an opening through which air from the draft tube and gas from the wick tube may pass into the gasifier and through the perforations therein, and be burned with a blue or colourless flame on the outside of the gasifier, substantially as described. 9th. The combination with a central draft wick tube, of a hollow gasifier located close to the top of the wick tube, and having an open lower end and openings for the exit of the vapour and air, the construction and proportion of the parts being such that a luminous flame can be produced extending from the wick upward and outside of the gasifier, or a blue or colourless flame produced projecting from the gasifier, substantially as described.

No. 60,774. Ribbon Cutting and Counting Device for Printing Presses. (*Coupe-ruban et compteur pour presses à imprimer*.)

Ferdinand Berkmeyer and Charles N. Cressman, both of Sellersville, Pennsylvania, U.S.A., 3rd August, 1898; 6 years. (Filed 13th June, 1898.)