

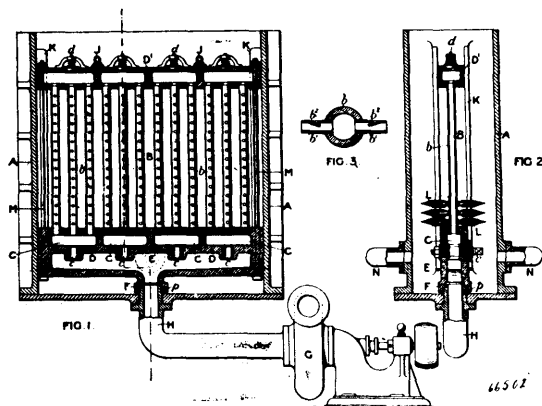
of vertical spindles connected to the sides of the frame and adjustable axially and vertically thereon, and another spindle supported by the frame in line with the draft appliance and in rear of the first named spindles, each spindle having a bearing wheel at its lower end, substantially as described.

No. 66,501. Yeast. (Levûre.)

James E. Carpenter, Cornwall, Ontario, Canada, 7th March, 1900; 6 years. (Filed 1st May, 1899.)

Claim.—1st. The herein described composition of matter, consisting of wheat flour, malt, hops, soft water and corn meal, substantially as described and for the purpose specified. 2nd. The herein described composition of matter for manufacturing yeast for making bread, consisting of wheat flour four pounds, malt flour four pounds, hops one pound, soft water five gallons and corn meal thirty pounds, to be known as Mother's Best Malt Yeast, substantially as described.

No. 66,502. Apparatus for Dyeing, Bleaching and Drying Yarn. (Appareil pour teindre, blanchir et sécher le fil.)



Alexander Marr, Manchester, Lancaster, England, 7th March, 1900; 6 years. (Filed 30th May, 1899.)

Claim.—1st. In apparatus for dyeing, bleaching drying and similarly treating yarn in cops and the like, an inner vessel perforated for the reception of the spindles carrying the cops and divided into sections each of which is furnished with a valve or the like by means of which it may be placed in or out of communication with the pump, the whole inner vessel being capable of being placed within or removed from an outer vessel containing the dye or other liquid, constructed as described and as illustrated. 2nd. In apparatus for dyeing, bleaching, drying and similarly treating yarn in cops and the like, an inner vessel perforated for the reception of the spindles carrying the cops and capable of being lifted away from or placed upon a base plate divided into chambers and furnished with valves so that any desired part of the inner vessel may be thrown out of action when desired, constructed and arranged substantially as described and as illustrated. 3rd. In apparatus for dyeing, bleaching, drying and similarly treating yarn in cops and the like, an inner vessel composed of a frame having members perforated for the reception of the spindles carrying the cops, and a base plate divided into chambers and provided with cocks and valves, the frame being removable from the base, constructed and arranged substantially as described and as illustrated.

No. 66,503. Manufacture of Phosphorus and Apparatus Therefor. (Fabrication de phosphore et appareil à cet effet.)

Louis Lucien Bellandot, Paris, France, 7th March, 1900; 6 years. (Filed 21st September, 1898.)

Claim.—An apparatus for condensing and gathering phosphorus, comprising a suitable gas tight crucible, a condenser communicating therewith and having an upper and a lower inclined tube, vertical pipes connecting said tubes, the area of the cross sections of said pipes at their junction with each of said tubes being equal to the surface of the section of each of said tubes, a series of condensing towers containing a solution of condensing salt, a gas receptacle.

suction apparatus for storing the purified gas in said receptacle, gathering apparatus having distilling receptacles for receiving the

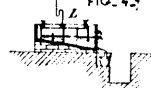
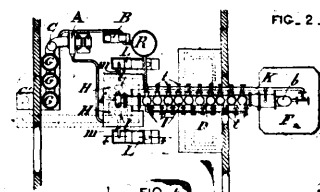
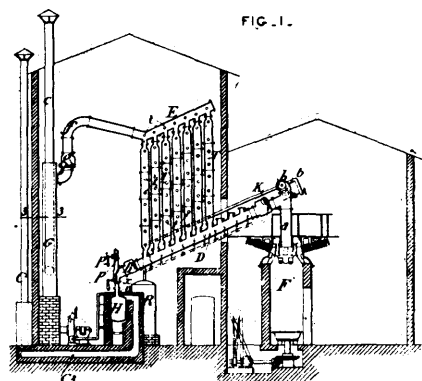
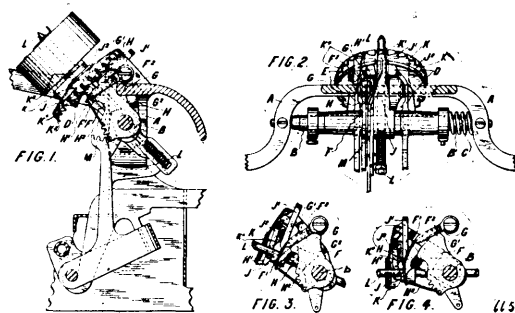


FIG. 3.

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condensed phosphorus from said condensing towers and filters for eliminating the red phosphorus, from the condensed phosphorus, substantially as described.

No. 56,504. Typewriting Machine. (Clavigraphic.)



56504

Charles Thomas Powers, Brisbane, Queensland, Australia, 7th March, 1900; 6 years. (Filed 6th March, 1899.)

Claim.—1st. The combination with the type wheel rock shaft, the type wheel spindle rocked by said shaft, the type wheel, a toothed stop wheel mounted to revolve synchronously on said spindle, and a stop pawl rocking with and having radial motion on said rock shaft, of the type key levers and means controlled thereby and positioning the type wheel and then imparting radial motion to said pawl on the rock shaft to engage the stop wheel, for the purpose set forth. 2nd. The combination with the type wheel rock shaft, the type wheel spindle rocked by said shaft, the type wheel, a toothed stop wheel mounted to revolve synchronously on said spindle, and a stop pawl rocking with and having radial motion on said rock shaft, of the type key levers, means controlled thereby and positioning the type wheel and then imparting radial motion to said pawl on the rock shaft to engage the stop wheel, and means for moving said pawl out of engagement with the stop wheel, for the purpose set forth. 3rd. The combination with the type wheel rock shaft, the type wheel spindle rocked by said shaft, the type wheel and a toothed stop wheel mounted to revolve synchronously on said spindle, and a locking pawl rocking with and having radial motion on the rock shaft in the path of the teeth of said stop wheel, and a cam lever on the rock shaft, a lever acted upon by said cam lever and acting upon said locking pawl to move it into engagement with the stop wheel, of the type key levers and means controlled thereby and positioning the type wheel and then actuating the aforesaid cam lever, for the purpose set forth. 4th. The combination with the type wheel rock