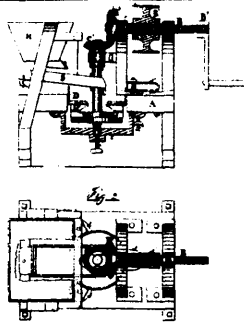
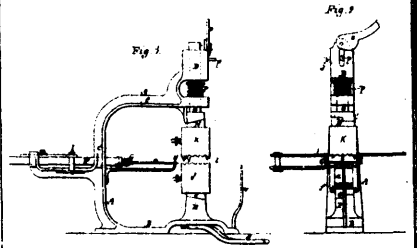


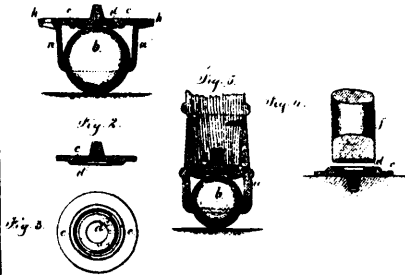
4143 Skinner's Drum Heater.



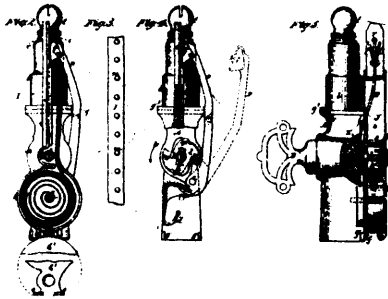
4144 Kaiser's Grain or Corn Crusher and Spice Mill.



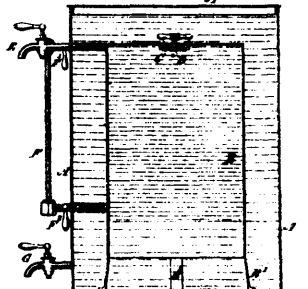
4145 Osmer's Darning Machine.



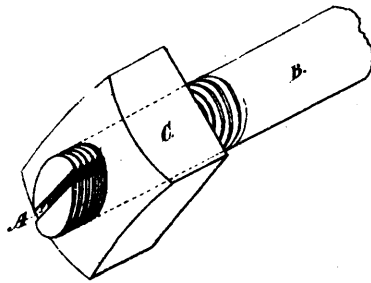
4146 Johnson's Improvements on Ball Castors.



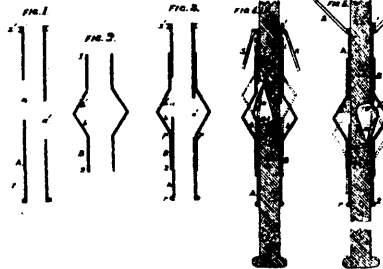
4147 Stockwell and Megill's Self-lighting Gas Burners.



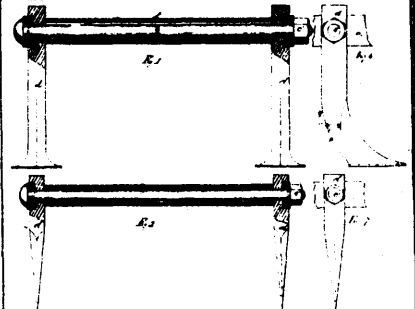
4148 Desgeorges' Apparatus for the Storage and Transportation of Petroleum.



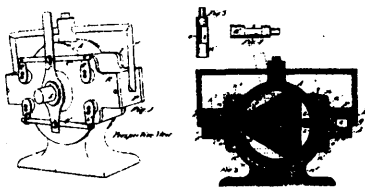
4149 Galbraith's Lock-nut Bolt.



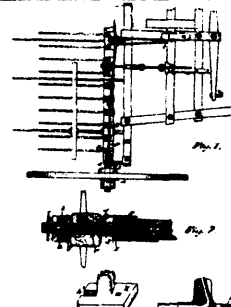
4151 Higgins' Automatic Umbrella Runner.



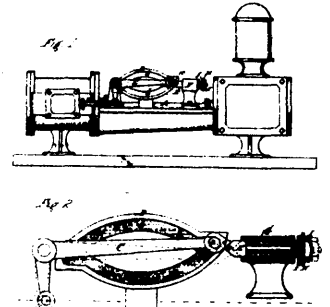
4152 Stafford's Harrow and Cultivator.



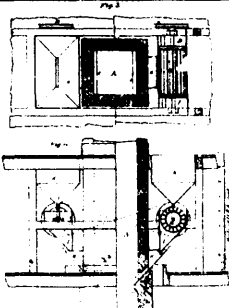
4153 Marsh's Rotary Steam Engine.



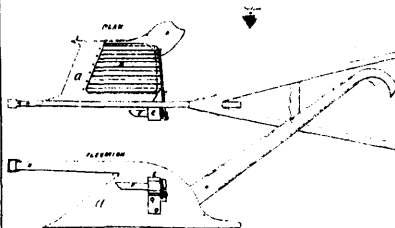
4154 Barclay and Kennedy's Improvements on Horse Rakes.



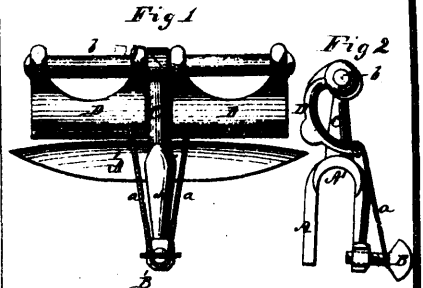
4155 Tesseyman & Smith's Valve Gear.



4156 Wheeler's Process and Apparatus for the Reducing of Iron and other Ores.



4157 Head's Potato-digger.



4158 Reed & Andrus' Rein-holder.