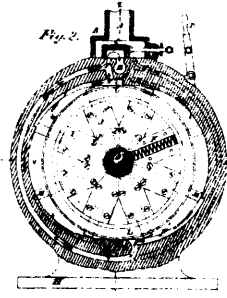
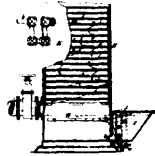
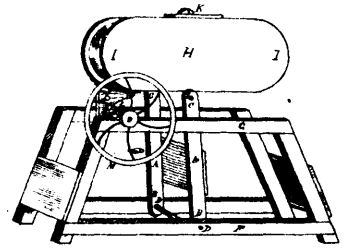


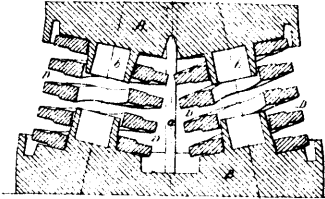
11644 Isbell's Improvements on the Manufacture of Illuminating Gas.



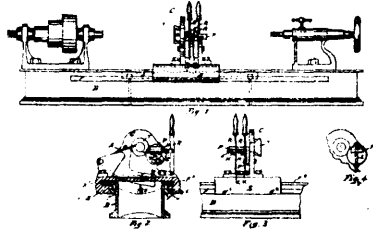
11645 Thibalt & Hawkins's Improvements in Rotary Engines.



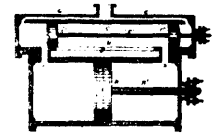
11646 Baldwin's Improvement on Churns.



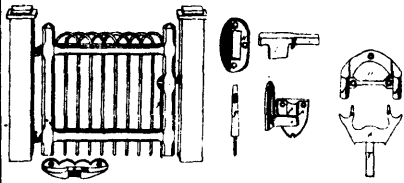
11647 Middleton's Improvements on Car Springs.



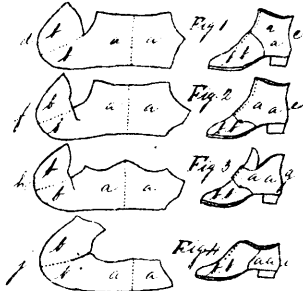
11648 Lester's Improvements on Gauge Lathes.



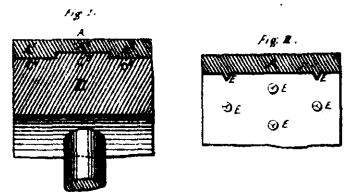
11649 Livingstone & Kennedy's Improvements on Balance Valves.



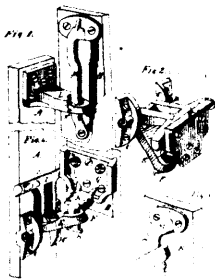
11650 Hudgins's Improvements on Yard or Garden Gates.



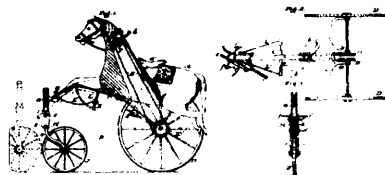
11651 Hogue's Improvements in Boots and Shoes.



11652 Bredannaz's Improvements in Wheel Tires and Shoes for Sleigh Runners.



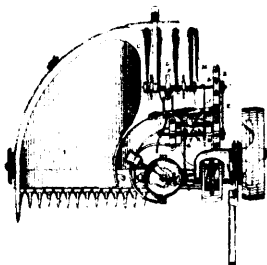
11653 Crane's Improvements in Gate Hinges.



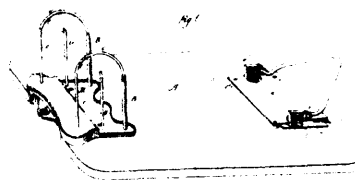
11654 Vick's Improvements on Velocipedes.



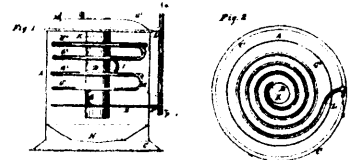
11655 Church's Improvements in Lacing Hooks.



11656 Kay's Improvements on Grain Binders.



11657 Shannon's Improvements on Paper Files.



11658 Gardner's Improvements on Steam Generators.