

HEDGE TRIMMER.—Joseph S. Crum, Scottville, Ill.—The invention consists in a hedge trimmer so constructed as to allow the relation of the several parts to be readily changed and the hedge to be thereby turned and formed into any preferred shape.

PETROLEUM FORGE.—Herrman S. Saroni, of Cincinnati, Ohio.—The invention consists in impinging a constant flame from a gas burner against non-combustible material, to form a forge fire, and in providing means, connected therewith, for generating the gas as it is wanted.

ROTARY PUMP.—David L. Jones, of Nebraska City, Neb.—The invention consists in forcing water upward through a tube by means of one cylinder, having adiametrical slide valve rotating eccentrically within a second cylinder, each provided with apertures and combined with a discharge tube having a stationary valve. This forms a very cheap, simple, and effective water elevator.

SASH LOCK AND STOP.—John E. Scott, Baltimore, Md.—The invention consists in forming a sash lock by means of a spring pressed rod, which can be drawn back and reversed so as to lock the sash at any point of elevation and also when closed.

[OFFICIAL.]

Index of Inventions

For which Letters Patent of the United States were granted

FOR THE WEEK ENDING APRIL 30, 1872, AND EACH BEARING THAT DATE.

Table listing inventions with patent numbers and names, including items like Advertising device, Alarm, Amalgamating precious metals, etc.

Table listing inventions with patent numbers and names, including items like Hulling coffee, Hydrant, Ice machine, Inkstand, etc.

Table listing inventions with patent numbers and names, including Wire spirally, Wrench, Wringer, etc.

DESIGNS PATENTED.

Table listing designs patented with numbers and names, including COOKING RANGE, BROOM HANDLE, CAR LINING, etc.

TRADE MARKS REGISTERED.

Table listing trade marks registered with numbers and names, including MUSTARD AND SPICES, HORSE BLANKETS, TWINES, etc.

SCHEDULE OF PATENT FEES:

Table detailing various patent fees such as On each Caveat, On each Trade-Mark, On filing each application, etc.

For Copy of Claim of any Patent issued within 30 years... \$1
A sketch from the model or drawing, relating to such portion of a machine as the Claim covers, from... \$1 upward, but usually at the price above-named.

MUNN & CO.,

Patent Solicitors, 37 Park Row, New York.

APPLICATIONS FOR EXTENSIONS.

Applications have been duly filed, and are now pending, for the extension of the following Letters Patent. Hearings upon the respective applications are appointed for the days hereinafter mentioned:

EXTENSIONS GRANTED.

19,979.—SEWING MACHINE.—C. F. Bosworth.
19,984.—COOLING AND DRYING MEAL.—J. Deuchfield.

EXTENSIONS REFUSED.

Lewis Miller.—Harvester.—Divisions No. 767, 768, 769, and 770 of the reissue, dated July 19, 1859, of original patent dated May 4, 1858.

Value of Extended Patents.

Did patentees realize the fact that their inventions are likely to be more productive of profit during the seven years or extension than the first full term which their patents were granted, we think more would avail themselves of the extension privilege.

MUNN & CO., 37 Park Row,

FOREIGN PATENTS—A HINT TO PATENTEES.

It is generally much better to apply for foreign patents simultaneously with the application in the United States. If this cannot be conveniently done, as little time as possible should be lost after the patent is issued, as the laws in some foreign countries allow patents to any who first make the application, and in this way many inventors are deprived of valid patents for their own inventions.

MUNN & CO.,

37 Park Row, N. Y.

Circulars, with full information on foreign patents, finished free.

Inventions Patented in England by Americans.

Table listing inventions patented in England by Americans, including Artificial Breasts, Distilling Apparatus, Extracting Oil, etc.