

of bloodroot, in two quarts of water, and apply this daily by means of a sponge. Or, another remedy, equally good, is a mixture of 4 ounces of very strong vinegar, 2 ounces of proof spirit, and 3 ounces of common salt, dissolved in a quart of water. The following is his mode of application:

Take a piece of sponge, slightly concave, corresponding as near as possible to the form and size of the hock; by means of a few stitches, affix two pieces of tape or linen, so as to form an X; each piece must be long enough to encircle the joint two or three times; after dipping the sponge in the mixture, it must be applied to the inside of the hock, and there secured, and afterwards kept constantly moist. By a faithful application of the above the inflammatory symptoms (which are not confined to the joints alone, but prevail in the surrounding tissues) will soon subside, and ankylosis progresses in a slow, yet favorable manner, without the usual pain and irritation.—*Country Gentleman*.

**WALKING HORSES.**—A correspondent of the *Country Gentleman* suggests the offering of premiums at annual county fairs for fast walking as well as fast trotting horses. He says he knew a man who kept from two to four teams at work on the road, and never allowed them to trot at all; yet he made the distance in quicker time than his neighbors who made their horses trot at every convenient place. He said that when a horse walked after trotting, he walked much slower than his common gait, if kept continually on the walk, and thus lost more than he gained by the trotting.

## Arts and Manufactures.

**HOME MANUFACTURES.**—We are glad to hear that a branch of manufacturing not before introduced into Canada, has been commenced in Niagara by our enterprising fellow-townsmen, Charles Pierson, Esq., viz:—The construction of Ericsson's Caloric Engines. Wishing to see the working of this new motor (heated air instead of steam), we visited, a few days since, the Niagara Foundry, where they are being manufactured, and witnessed one of these engines in operation. It is truly wonderful—here was an engine having a furnace about as large as an ordinary cooking stove, consuming scarcely a perceptible amount of fuel, working away with regularity and power, and even after the fuel was entirely consumed continuing to do its work for hours, or so long as the brick or iron com-

posing the furnace, held in any degree the heat. The engine that we saw in operation is said to be about a four horse power.—*Niagara Mail*.

**NEW GUN.**—Colonel Colt has invented a revolving shot gun. It is said that upon a late trial of this valuable gun, at a distance of 30 yards, it put 175 pellets in a circle of 12 inches diameter, penetrating 75 sheets of ordinary brown paper, the shot used being No. 6 shot, 1½ ounces and 2 drachms of powder to each charge. The gun is a live-shooter.—*New York Tribune*.

**AMERICAN FILES** cut by machinery at Ballard Vale, Mass., are coming into use among machinists, and are reported to be equal in quality to those made by hand.

**LARGE STICK.**—The Victoria County Agricultural Society, in their annual report, state that the largest stick of timber ever manufactured in the province has this winter been cut in Fenelon. It measured (Calper measurement) 815 square feet, and was manufactured by Geo. Kempt, Esq., of Lindsay, whose lumber last year commanded the highest price in the Quebec market.

## Miscellaneous.

**THE AUSTRALIAN SHEPHERD'S LIFE.**—The demand for shepherds is necessarily continually on the increase, and as it is employment which commands a fair remuneration, it is rather eagerly sought. It has one peculiar advantage—that of being suited to almost any man of respectable character. The wages of this class of persons have risen considerably since the gold discoveries. There have been emigrants who aspired to be at once flockmasters instead of shepherds, with very little knowledge of what they were about to undertake. A "spirited" young gentleman a short time ago arrived at Sydney, with a large capital, and a desk full of introductions. At the end of a month of *fetes* and dissipation he bought 10,000 sheep, but when he had paid for them he found that he had forgotten to secure a run, and was obliged to re-sell them immediately, at an enormous sacrifice, to escape being utterly ruined. Many men of good education and refined tastes, who have no capital to lose, fascinated at first by the attractions of the gold fields, but disappointed in their hopes, or unable to bear up against the exhausting toil, have taken to "the bush," and found competence and peace of mind as