

The saw mill was brought into England from Holland, in 1763. But the introduction so displeased the English that the enterprise was abandoned. A second attempt was then made at Lime House and the mill was erected, but soon after its erection it was pulled down by a mob. Pottery is glazed by throwing common salt into the oven at a certain stage of the baking. This mode of glazing was introduced into this country in 1690, and came to Staffordshire from Nuremberg. The success and secrecy of its inventors so enraged their neighbors that the persecution against them became so strong that they were compelled to give up their works. The pendulum was invented by Galileo; but so late as the seventeenth century, when Hooke brought it forward as the standard of measure, it was ridiculed, and passed by the name of swingswing.

More intelligence must be thrown into the work of the farmer, and his every-day life—more industry of mind, for we fully allow that there is plenty of industry of body, perhaps even too much, for a weary body makes a sluggish mind. Our farmers as a class must read, study, and become well informed. Educating the mind on any subject opens the door to knowledge on many more.

Berkshire Pigs.—The *Agricultural Gazette*, in answer to a question by a correspondent, who wants to know why Berkshire pigs were made a separate class at the great annual exhibition of England, says: There is, of course, room for two opinions in such a matter, but we submit that the Berkshire is a very characteristic and widely-distributed breed of pigs, that it is purely bred, and much thought of in America as well as at home. While it is somewhat difficult to discriminate between many white and black races, there is never any doubt as to the Berkshire. His short head, turned-up nose, and white points, mark him as a pig of unmistakable personal character; his quick growth and fitness for both pork and bacon, render him desirable as a profitable animal, and his hardihood and activity fit him in his younger days to range stubbles and ransack barn-yards. Surely when abroad has definite and recognized points, a large number of promoters (breeders), and commands a ready market at home and abroad, it is much better to allow it a class. How indeed could a judge decide between an Essex and a Berkshire competing together? The heads alone would make the task a very difficult one; and although this might be got over in a small country show, it would be insurmountable in the case of such a meeting of that held at Wolverhampton.

Burlington.

Leaving the East and arriving at Chicago or Indianapolis, how shall we reach the West? The best line is acknowledged to be the C. & B. & Q., joined together with the B. & M. Railroad by the Iron Bridge at Burlington, and called the BURLINGTON ROUTE.

The main line of the Route running to Omaha, connects with the great Pacific Roads, and forms to-day the leading route to California. The Middle Branch, entering Nebraska at Plattsmouth, passes through Lincoln, the State Capital, and will this year be finished to Fort Kearney, forming the shortest route across the Continent by over 100 miles.

Another branch of the B. M., diverging at Red Oak, falls into a line running down the Missouri through St. Joe to Kansas City, and all Kansas. Passengers by this route to Kansas, see Illinois, Southern Iowa, and Missouri, and, by a slight divergence, can see Nebraska also.

Lovers of fine views should remember the Burlington Route, for its towns "high-gleaming from afar"—its tree-fringed streams—its rough bluffs and quarries—its corn-oceans stretching over the prairies further than eye can reach.

Land-buyers will be sure to remember it, for they have friends among the two thousand who have already bought farms from Geo. S. Harris, the Land Commissioner of the B. & M. R. R. at Burlington, Iowa, or among the four thousand home-steaders and pre-emptors who last year filed claims in the Lincoln land office, where "Uncle Sam is rich enough to give us all a farm."

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Wife to husband, rubbing the PAIN-KILLER on his rheumatic shoulder briskly:—It's a great pity such a good medicine as Perry Davis' PAIN-KILLER is not more extensively used. Just see what a world of good it has done even since we have had it; George don't have the toothache any more, it has saved Freddy a severe attack of Fever, it has cured me of Dyspepsia, and I know it will relieve you of Rheumatism.

Husband:—You are right, Mary; the PAIN-KILLER seems to fire up the cold corners of my shoulder and put new life into it; it certainly does act instantaneously. I do think, my dear, I am cured already (meditatingly); well, well, all I have heard said of it is true; my shoulder is free from pain the first time for these two months.

Wife:—It is strange we never have been induced to try it before. I should have thought you would have been often advised to try it.

Husband:—I have had the PAIN-KILLER recommended many times, but between the Doctors and Druggists, they have always succeeded in keeping me from using it by suggesting other trash that has done me no good.

Wife:—People seem to enjoy paying the doctor five to ten dollars every now and then to experiment on them, when a twenty-five cent bottle of PAIN-KILLER would give them far more relief; and then the druggists are so obliging, it is very hard to say, "I want Perry Davis' PAIN-KILLER, and nothing else will do," and thus refuse to buy their trash.

(To be continued.)

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September 26, 1871.

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JAMES MCCALLUM.

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