















(Continued from Fifth Page.)

of sewer tile. The effect of frost or wet on common drain tile is to destroy them. I do not expect, Mr. President, that every farmer is to rush for the tile yard and buy tile for twenty acres of his farm to-day. I do not expect that any man is to do such a work without counting the cost. I do hope that there are men who will count the cost, who will sit down and figure on the profits of high farming, and I may add on the losses of poor farming; I hope some day it may be done in our presence. If I can induce one man to really keep an account with his stiff clay farm, I shall have induced him to either underdrain or leave his farm. I do not expect the man who is clearing his farm to underdrain it. I do not expect the man who is digging out stumps and skimming the cream from the soil to underdrain, but I do insist that it is greatly for the interest of the party who succeeds him—who comes upon the land when it is really ready for the plow—to underdrain. To work such land without draining is to undertake to make an sugar-hole with a gimlet. It is work by hand as against machinery. It is struggling for life against odds—the leading a life of worry for the man, and driving the wife to the insane asylum, for it is from the farmers' homes that the greatest per cent of women are sent to the insane asylums. Men and women are willing to work for pay, but this eternal struggle for life, this poverty, this working for no pay, this struggle to pay for the land, and this finding that, as the family increases and the necessary expenses become greater and greater, that the income is lessened or variable, with good crops one year and a failure the next,—I say such a struggle is enough to take the life out of a man and drive the worn-out woman to insanity. This is not an overdrawn account. We have all seen it. A stump speaker tells us at every election that the whole world rests on the farmers' shoulders; that they are the "bone and sinew" of the country, and too many swallow it as a compliment. The "bone and sinew!" Yes, sir, the "bone and sinew!" Mr. President, no one of them has ever said they are the brains of the world, I would have them add to the bone and sinew the brain. Bone and sinew are cheap, and the stump speaker knows it. It is brains our farmers want. "The world rests on them,"—perhaps it does—but put a farmer in any place but the Garden of Eden and he would be found perfectly helpless without a mechanic at his hand. Gentlemen, the old adage says, "The best manure is the owner's foot," which I suppose means toil, diligence, and thorough oversight on his part. To this must be added intelligence and skill, or the very essence of that manure is lost. The most essential thing to do on clay soil is to underdrain.

At a recent examination in a girl's school, the question was put to a class of little ones: "Who makes the laws of our government?" "Congress," was the ready reply. "How is congress divided?" was the next question. A little girl in the class raised her hand. "Well," said the examiner, "Miss Sallie, what do you say to the answer?" Instantly, with an air of confidence as well as triumph, the answer came: "Civilized, half civilized and savage."

NOTICES OF MEETINGS.

The Clinton County Pomona Grange will meet at the Keystone Grange Hall at 11 o'clock on Wednesday, March 1. All are cordially invited to attend. FRANK CONN, Sec'y.

The next meeting of Kent County Pomona Grange, No. 18, will be held at Grand Rapids on Wednesday, March 1. All fourth degree members invited. W. T. REMINGTON, Sec'y.

The next meeting of St. Joseph County Pomona Grange will be held in the hall of White Pigeon Grange on Thursday, March 2. The program is a good one and we hope to have a good attendance of members of the Order. SAM'L ANGEVINE, Sec'y.

The next meeting of Branch Co. Pomona Grange, No. 22, will be entertained by Quincy Grange at their hall in the village of Quincy on Wednesday, the 1st day of March, 1882. Meeting will be called to order at 10 A. M. sharp.

Morning session: Opening Grange to be followed by the regular business and reports from Subordinate Granges. Afternoon session: Grange called to order at 1 1/2 o'clock, open session. Question—Has Congress the power to control and regulate inter-State commerce?—by C. G. Luce, Master of State Grange. Essay—Which is the best place for keeping milk or butter, above or below ground?—by Sister Noble of Quincy Grange. Lecture by the Worthy Overseer, "Insects injurious to vegetation." Essay by Sister Horton of Coldwater Grange. Question, "In what manner can we best bear witness of the value of the Grange?"—by Bro. A. Luce of Gilead Grange. "Travels in the Old World"—by Bro. H. D. Pessell. The exercises to be interspersed with music by the Quincy Grange choir. Members of the Order are cordially invited. H. D. PESSER, Lect.

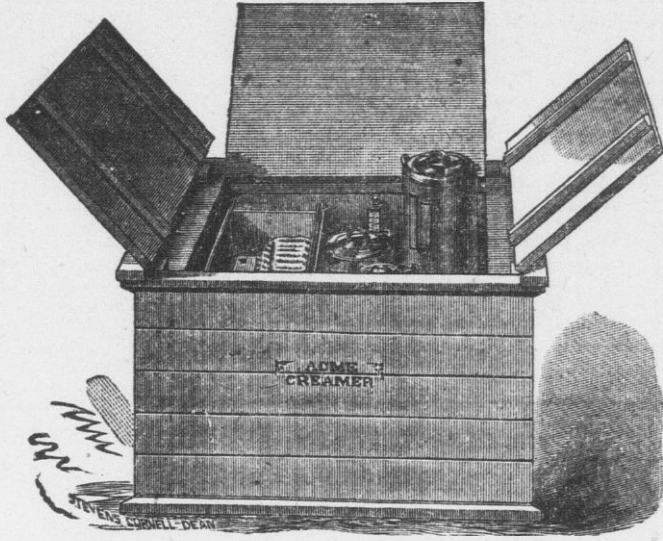
The next regular meeting of Barry county Pomona Grange will be held with Thornapple Grange, at their hall in the village of Middleville, on the fourth Thursday (the 23rd) of February, at 10 o'clock sharp. All fourth-degree members in good standing are cordially invited to be present. The program prepared for the occasion is as follows:—

Opening the Grange. Reports of standing committees. Reports from Subordinate Granges. Music by the choir. Discussion—subject: Sugar-cane, its cultivation and the manufacture of sugar and syrup,—opened by Bro. Geo. Brainard. Question—What profit is there in fattening stock for market?—discussion opened by Bro. J. B. Bray. Music. Recesse. Why are the profits of the agriculturists so small compared with the profits from other investments?—Bro. J. M. Willison. Mind vs. Muscle—recitation by Bro. A. Parker. EVENING SESSION. Suggestions for the good of the Order. Applications for membership. Conferring the degree of Pomona. A. PARKER, Sec'y.

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AGENTS:

G. W. Hunt, Mattawan, Van Buren County. W. P. Herd, Lowell, Kent County. A. H. Smith, Sparta, " Charles E. Thornton, Rockford, Kent County. Charles Pittman, Middleville, Barry County. A. Stegeman, Allegan, Allegan County. D. P. Newton, Watson, " Simeon Staring, Ganges, " E. J. McNaughton, Cooperville, Ottawa County. G. H. Snyder, Three Rivers, St. Joseph. Williams & Harshorn, Owosso, Shiawassee County. O. C. Spaulding, Royalton, Berrien County. P. W. Watts, Chelsea, West Washtenaw County. John Wiebe, Bear Lake, Manistee County.

B. J. Wily, Mottville, St. Joseph County. G. M. Gardner, Litchfield, Hillsdale County. J. A. Johnson, Vicksburg, Kalamazoo County. George Baker, Buchanan, Berrien County. H. C. Call, Glas River, Shiawassee County. Wm. S. Palmer, Lansing, Ingham County. William Spaulding, Hoyville, Eaton County. Union Wind Mill Co., Albion, Jackson County. The Bird Wind Mill Co., Kalamazoo, Kal'zoo Co. Charles North, Trent, Muskegon and Newaygo Co. Nathan Winslow, Williamstown, Ingham County. C. H. Barnes, Grand Blanc, S. E. Genesee Co. John Grose, Moorepark, St. Joseph Co.

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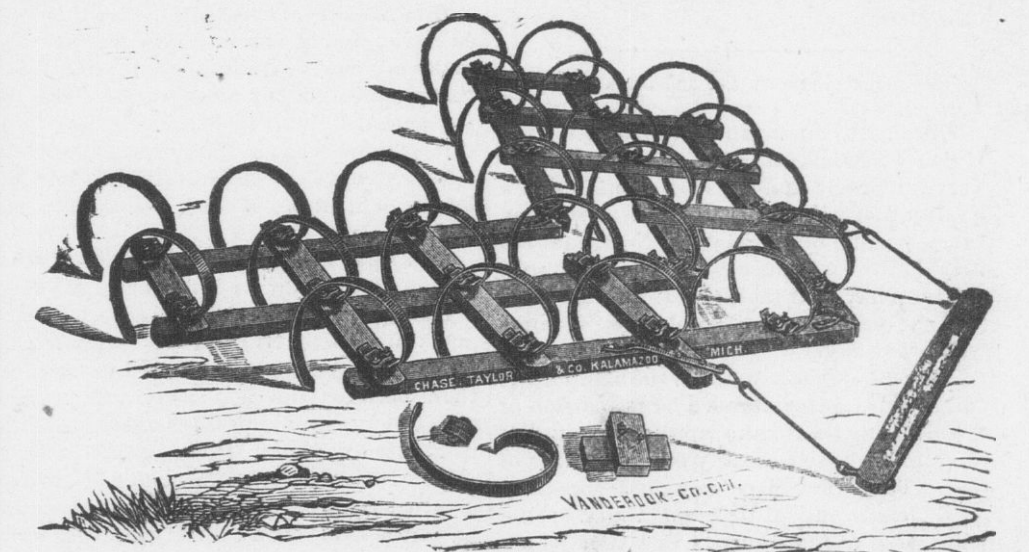
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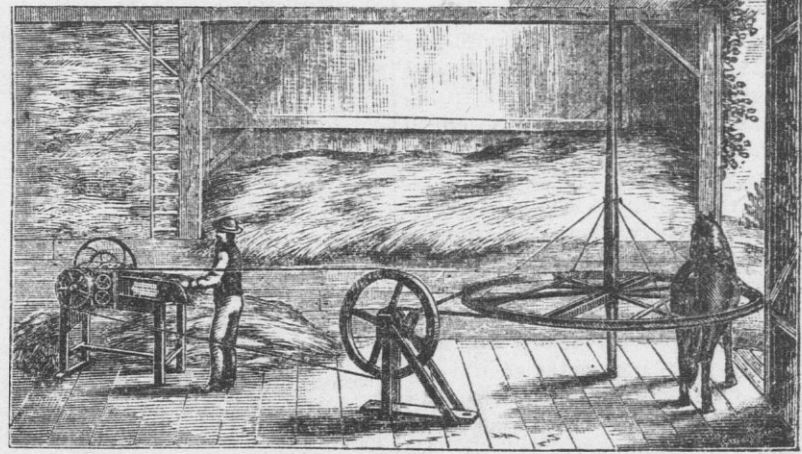
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