

surface of the marsh in ditching. This had an enormous capacity for absorbing liquids, and a layer of these sods would keep a horse or cow comfortably dry for a fortnight. Refuse hay or straw was used on top for the purpose of cleanliness. The saturated sod was thrown into the compost heap with other manure, where it made an excellent fertilizer. Later we used sawdust, purchased for the purpose at two cents a bushel, as bedding for a cow kept upon a cemented floor. A bed a foot thick would last nearly a month, when it was thrown out into the compost heap. The sawdust requires a longer time for decomposition, but saves the liquid manure. Our present experiment, covering several months, is with forest leaves, principally hickory, maple, white ash, and elm. A bushel of dried leaves, kept under a shed for the purpose, is added to the bedding of each animal, and the saturated leaves are removed with the solid manure as fast as they accumulate. The leaves become very fine by the constant treading of the animals, and by the heat of their bodies, and the manure pile grows rapidly. It is but a little additional labor to the ordinary task of keeping animals clean in their stalls, to use some good absorbent, and enough of it, to save all the liquid manure. What the absorbent shall be is a question of minor importance. Convenience will generally determine this matter. No labor upon the farm pays better than to save the urine of all farm stock by means of absorbents. These are in great variety, and in some form, are within the reach of every man that keeps cattle or runs a farm. Stop this leak, and lift your mortgage.

The American Society of Agricultural Engineers

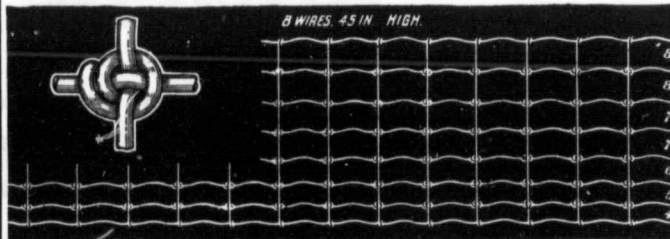
(Continued from page 18)

ing a business session was held at which the following officers were elected for the ensuing year:

President—Prof. P. S. Rose, Editor of the Gas Review, Madison, Wis; 1st Vice-President—Prof. M. L. King, Experimentalist, Ames, Iowa; 2nd Vice-President—J. B. Bartholomew, President, The Avery Co., Peoria, Ill; Secretary—E. W. Hamilton, Ames, Iowa; Treasurer—E. W. Hamilton—Editor The Canadian Thresherman and Farmer, Winnipeg, Canada.

The manufacturer of to-day is anxious that the farmer who uses his goods should know just as much about them as possible. The day is past when any manufacturer has anything to hide. He realizes that he must put the very best material and workmanship in-

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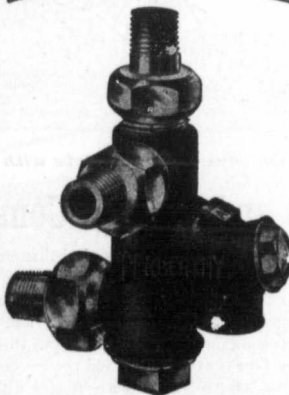
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to every machine that he builds consistent with the price charged and he wants the farmer to know it. He furthermore realizes that an intelligent use of these machines which have been sold creates a far bigger market for the machines which he has to sell than a half hearted and unintelligent use of the same machines, and to this end the manufacturer sees in the American Society of Agricultural Engineers an organization that

will aid him in putting his various implements before the farmers of the United States and Canada in such a way that they will buy them with a definite end in view and will use them in the best possible manner to serve that end. Every farmer has a vital interest in this organization. Very few as yet have heard of it but young as it is it promises wonders viewed from the standpoint of practical results.

Uncle Reuben—"What a dude Jake is since he came back from school!"

Uncle Joshua—"Dude! Should say he was. Don't it make you tired, though, to hear him say 'inveigle' when he means 'hornswoggle'?"

Two Irishmen, bent on robbery, held up a passing Scotchman. After a long, fierce fight, in which the Scotchman almost had the better of it, they succeeded in conquering him. A thorough search of his clothes disclosed one lone five-cent piece.

"Troth, Pat," said Mike disgustedly, "if he'd had tin cents instead of a nickel he'd have murdered the two of us!"