

# Variety Working Parlors

OPENED DECEMBER 6.

In the Rooms over the Maple City Restaurant  
**AW, PAW, M ICH.**

Pressing, Cleaning, Repairing on Ladies' Gents' and Children's Garments. Dress Making Neatly done. Hair Weaving of Puffs and Switches. Dyeing of Wool Goods.

We Will Try and Please Our Customers

Your Patronage is Respectfully Solicited.

**Mrs. Bertha B. Nichols**

# Paw Paw Roller Mills

After quite extensive repairs and improvements I would announce that this mill never was in as good condition to turn out a **SUPERIOR GRADE OF FLOUR** as at present. We have all the requirements for making good flour, viz:

A First-Class Mill  
Good Wheat  
Competent Miller

Grade for grade, **STRONG'S FLOURS** are equal to any outside flours and superior to most of them. Try them and you will be convinced of this truth.

Home Institutions make for the Prosperity of all!

**STRONG'S FLOURS** are on sale at the stores of Paw Paw and surrounding towns, also at the mill. Farmers, bring your wheat to this mill for your flour and I will prove to you that **MICHIGAN WHEAT** has no superior and will make as good flour as any other wheat.

We grind Feed, both fast and fine.  
You don't have to wait long.

BRAN, MIDDINGS, FEED and GRAIN.

**ELI STRONG.**

# G.W. TYLER & CO

DEALERS IN

Drugs, Medicines,  
GROCERIES,  
Hardware, Cutlery,  
Paints, Oils, Varnishes.

Agents for the well known Devco  
Mixed Paints in all colors.

Goods Delivered anywhere in the Corporation.

# Kalamazoo, Lake Shore & Chicago Ry.

"THE FRUIT BELT LINE"

Time Table - - Taking Effect Sep. 13, 1909

WEST BOUND Read Down					EAST BOUND—Read Up				
5	3	1	STATIONS		8	2	4		
Daily	Daily	Daily			Daily	Daily	Daily		
Ex-S.	Ex-S.	Ex-S.			Ex-S.	Ex-S.	Ex-S.		
P. M.	P. M.	A. M.			A. M.	A. M.	P. M.		
6 00	9 00	7 05	KALAMAZOO		7 05	11 05	4 40		
6 35	9 35	8 25	MATTAWAN		6 32	10 37	4 08		
6 45	9 55	8 35	LAWTON		6 20	10 25	3 55		
7 00	10 10	8 50	PAW PAW		6 10	10 15	3 45		
	4 32	9 10	LAWRENCE			9 48	5 15		
	4 47	9 35	HARTFORD			9 33	3 00		
	5 35	10 15	SOUTH HAVEN			8 30	12 50		

NOTES—Connection with P. M. R. R. at Hartford, with M. C. R. R. at Lawton, with M. C. G. R. & L., L. S. & M. S. and C. K. & S. Rail Roads at Kalamazoo and boat line at So. Haven

JAMES GRANT,  
President and Gen. Mgr.

H. D. SWAYZE,  
Gen. Sup.

# HORTICULTURE



## EXPERIMENTS OF L. BURBANK

Spineless Cactus Now of Use as Stock Food Result of Study by the Californian.

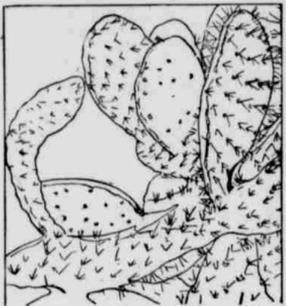
(By David Starr Jordan, President Leland Stanford, Jr., University.)

Luther Burbank of Santa Rosa, Cal., is doubtless the most skillful experimenter in the field of the formation of new forms of plant life by the process of crossing and selection.

"Crossing," says Mr. Burbank, "is done to secure a wealth of variation. By this means we get the species into a state of perturbation or 'wabble' and take advantage of the 'wabble' to guide the life forces into the desired habits or channels.

"The first crossing is generally a step in the direction in which we are going, but repeated crossing is often necessary and judicious selection always necessary to secure valuable practical results. Crossing may give the best or the worst qualities of the parent, or any other qualities, and previous crossings often affect the results. Bees and other insects, as well as the wind, cross plants, but they do not work intelligently, therefore rarely to any advantage economically to man.

"All evolution and improvement are dependent on crossing, therefore na-



Spineless and Spiny Cactus.

ture has produced more wonderful devices for this purpose than for any other.

"Hybridizing the Iceberry White blackberry with the Cutbert raspberry has developed a plant with foliage and growth midway. About half the plants bear fruit which is red like the raspberry, about half bear fruit which is white like the Iceberry blackberry; the quality is midway between the blackberry and the raspberry.

"The white blackberry is a wild variation crossed with the Lawton for size and vigor; the result is a much clearer white than the wild one, larger and very much more productive, in these respects fully equal to its staminate parent, the Lawton.

"Apples brought up from the south temperate zone are entirely confused here, yielding leaves, buds, flowers and small apples at various seasons. One of these apples in time, however, became adapted to the conditions and developed into one of the best apples.

"A blackberry plant with an immense mass of fruit developed from a seedling from the Himalayas. One plant covers 150 square feet, is eight feet high, and has a bushel or more of fruit. This is only a young, small plant; when full grown this variety is many times larger.

"The Bartlett plum has the flavor of a Bartlett pear, but even more strongly developed. The rice seed plum has extremely small seeds.

"The stoneless plum is a cross of the French prune with a wild plum having the stone almost eliminated by a fortuitous variation.

"The result thus far is a great number of stoneless plums of good size, but in flavor inferior to the best cultivated ones. These are being crossed again to improve the flavor and new selections made.

"Crossing the Japan and the New England chestnut, the trees, leaves, growth and nuts are midway; second generation and later generations as usual show more varied combinations and variations.

"To breed the burr off from chestnuts is dangerous, because it allows the birds to get in at the nuts. The burr is originally intended to keep off the birds.

"The cactus has smooth cotyledons, but the first bud is covered with thorns. These thorns have also been eliminated by selecting the smoothest individual seedlings without crossing.

"Crossing in this case generally interrupts the process, as it brings out well-fixed ancestral traits, but later, to combine the best qualities of several species, crossing and selection must be resorted to.

"Examples seen were shoots of the original stock, prickly; the second generation, slightly prickly; the third, without thorns; and later the specimen even with the substance of the cactus have been removed so as to make the cactus very excellent food for cattle."

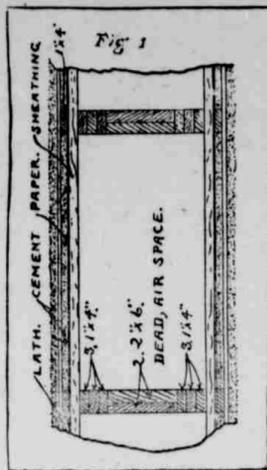
## Bush Fruits.

Bush fruits cannot thrive well in ground that is packed down hard or covered with a mat of grass. But if the plow and cultivator are operated as they should be early in the season, the ground is put in condition to yield fruit and benefit the fowls, which is the most profitable way to get two crops from the land at once.

# BUILDING AN APPLE HOUSE

Cement is an Excellent Nonconductor of Heat and Cold and is Overlooked by Many.

When building apple houses, root cellars, icehouses, etc., many of us have overlooked the fact that cement is a most excellent nonconductor of heat and cold, if properly used. A solid wall of most any material will

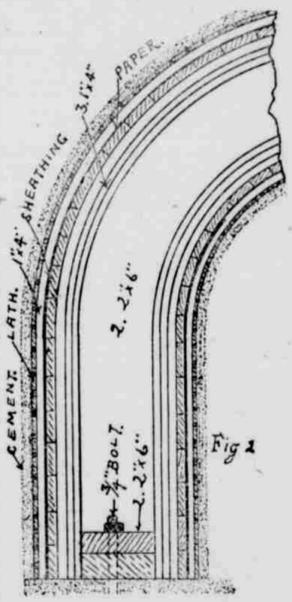


Section of Wall.

conduct more or less of both heat and cold if not built very thick, writes J. E. Bridgman in Farmers' Review. An inexpensive and highly satisfactory method of using cement for any of the above-mentioned structures is shown in the accompanying illustration.

Fig. 1 is a longitudinal section of the wall, while Fig. 2 is a cross section of the same wall. In Fig. 2 the illustration shows the method of building a round roof, which will be found very satisfactory for apple houses, roothouses, etc. In fact, the round roof construction has been found highly satisfactory for hog houses, hay barns, and even dairy barns. However, when used for any of these buildings, it is, of course, not necessary to make the walls air tight, as for the fruithouse, etc.

As almost all of the work may be performed by home labor, and any sound rough lumber may be used, the construction, herewith illustrated, is less expensive than others, and it requires no paint or repairs, and should you by chance crack the cement, any one on the farm will be able to repair the break at slight cost. As shown in Fig. 1 the studding are formed of two pieces of two by six inch pieces, and if the roof is to be round, they



Cross Section of Wall.

continue on over to the sill on the opposite side. The circle pieces are cut from two by ten inch timbers, and care should be used to have the pieces lap as far as possible, and be well spiked. The sills are bolted to the cement foundation as shown. Three pieces of sound one by four inch strips are nailed to both edges of the studs, which gives it both width and strength; these are covered with any rough sheathing, and the sheathing covered with several layers of heavy building paper; one by four inch strips are then nailed over the sheathing, which should be not over 24 inches on centers for small buildings, and less for large buildings. The furring strips are next covered with wire or wood lath, and the lath in turn with two heavy coats of Portland cement plaster, mixed in the proportion of one part cement to 2 1/2 parts sand. When dry, paint with thick paint of pure cement. For icehouses, root cellars, fruithouses, etc., the interior walls are finished in the same manner and silt glazed tile used for ventilators.

The doors and windows should be double and made to fit tight and close. The ends of the building are studded up with two by ten inch timbers, and finished in the same manner. If desired, the studding for round roof structures may be built up of one-inch strips until the stud is the desired thickness; of course, if the roof is not round, single pieces are used for the studs. The air spaces, however, should be not less than eight inches, and more would be better.

# FARM AND BEES

## FARM NOTES.

When the ground is frozen is a good time to apply manure to the meadows.

Activity and intelligence are necessary characteristics of a good farm horse.

No unprofitable animals should be kept on the farm any longer than necessity requires.

Study for better management and make things run smoother and better for all concerned.

Rotation of crops makes all the crops which grow upon the field better for the course of years.

With all classes of stock, animals that are uniform in age and size will feed and fatten more evenly.

Diversified diet is no more certain of best results in man, than in the animals man thrives so largely upon.

A horse that is not working hard every day does not require the amount of grain one does that is kept busy.

To get good results from any enterprise you must have good material to begin with or your labor will be in vain.

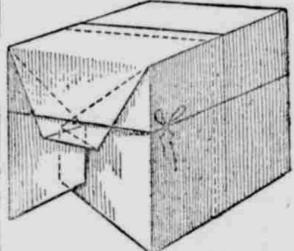
The productiveness and profitability of the farmer's business depends almost entirely on intelligent management.

The man who never held to any business is always the one to invest when prices are high; and sell out when prices are low.

## WINTER COVERING FOR BEES

Simple Method of Protecting the Busy Little Honey Gatherer During Severe Weather.

The illustration shown herewith shows a simple method of covering hives of bees for the winter, says American Agriculturist. First having determined the amount of stores the colony has by lifting the hive to see if it is heavy, newspapers are spread across the top and down the front, back and sides, each layer being fastened lightly with tacks to prevent their falling off. When an inch or so of papers have been thus placed and tied around the middle, as shown in the lower drawing, a large sheet of tarred paper is folded and tied around the hive, as shown in the upper drawing.



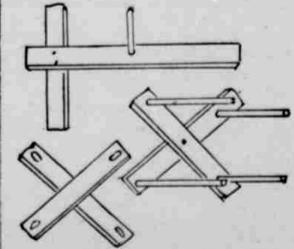
Hive Covering for Winter.

ing. Tying thus is likely to be far more satisfactory than tacking, because there is less danger of the paper being torn off. It is desirable to use the usual quilt or the chaff pillow above the frames.

## REEL IS SIMPLE AND USEFUL

Excellent Device for Use in Handling Wire Fencing—Is Economically Constructed.

For use in handling wire fencing this is adjustable. It consists of one piece, A, 2 by 4 inches, 5 feet long. A second piece, B, 2 by 4 inches, 3 feet long. B is spiked near one end of A. Two feet from where B is spiked to A a bolt 3/4 by 8 inches is driven through A. The reel is of 2 by 4 inch stuff, 3 feet long, half lapped in the



Simple and Useful Reel.

middle, forming a cross. Nine inches from the end of each cross piece is set a peg of hardwood 1 by 16 inches.

This reel is set on the bolt of the reel stand, with a small block of wood underneath so it will revolve easily. Another cross is made by nailing together two pieces of 3/4 by 1 inch strips with an oblong hole one inch from the end of each cross piece. This is slipped down over the end of the peg to keep the wire from flying off.

**\$1000.00**  
Given for any substance injurious to health found in food resulting from the use of  
**Calumet Baking Powder**

## WOMAN'S WAY.



The Professor—I hope my daughter declined your offer of marriage in a ladylike way?  
Cynicus—Oh, yes, she mailed me a letter with a postscript attached.

## In the Log Cabin Country.

When we celebrate prosperity we seldom save anything for a rainy day. The man who works for the best generally gets it while the other fellow is hoping for it. The man who can make a pillow of his conscience need not envy the millionaires of the world. When you lay up treasure in heaven the only way to be happy is to forget that there is any interest coming on it.—Atlanta Constitution.

## Tax Notice.

Notice is hereby given that I will be at Almena Center, Fridays: Paw Paw, Saturdays and at my home Mondays for the collection of taxes for the township of Almena.

ARTHUR HERRON, Treasurer,  
441 1/2  
Almena Township.

## NEW THOUGHT

The world right now is full of "New Thought." Most of it is good thought too, at least there is some good in everything, but no one can indulge in pleasant thoughts when their bowels are all tied up. Mid-Lax, the pleasant little laxative tablets make the world look brighter to you. At your druggists.

For sale by Longwell Bros.

## CITY

# Gleaning Parlors

Dry Cleaning, Pressing and Repairing

Done on Ladies', Gents' and Children's Garments.

Work Called for and Delivered.

**MRS. L. D. BRADLEY**

Over Engel's Home Bakery  
**Paw Paw, Mich.**

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