



MEMORIAL TO DR. CRAWFORD W. LONG

## Honor Country Doctor as Discoverer of Anesthesia



OPERATING WITH ETHER

as many as eight painless operations through the employment of the new anesthetic. It was generally accepted in the neighborhood that he could do it. No great stir was made over it, and the practitioner exerted no effort to acquaint the medical world with his achievement.

In the meantime W. T. G. Morton was experimenting in the Boston office and laboratory of Dr. C. T. Jackson. He became interested in dentistry, and made several contributions to that science. First trying ether on animals, he extended the experiments. Alcohol, laudanum and galvanic shocks had hitherto been used as anodynes in dentistry.

Being a dentist, he could not perform surgical operations, but on October 16, 1846, in the Massachusetts General hospital, in Boston, Dr. J. C. Warren, acting upon the idea of Doctor Morton, did perform a public operation upon a person anesthetized with ether, and the medical world of the East was advised of it.

This was more than four years after the Venable operation. There were four witnesses to the removal of the Venable tumor—young students in Doctor Long's office, but they seem to have kept quiet about it as he did. Eventually the dispute as to the right of discovery and the honor of having performed the first operation reached congress. In 1849 Doctor Morton asked congress to recognize his claim, but Senator William C. Dawson of Georgia, fought so effectively for Doctor Long that Morton's ambition was defeated. No action was taken.

It must be said, in justice to Doctor Jackson, that before he died he admitted in full the justice of the claim of Doctor Long.

Dr. J. Marlon Sims of New York, in 1877, after a complete inquiry into the controversy, declared that Doctor Long's right to the honor was unmistakable and so reported to the Virginia Medical society.

The unveiling of the memorial in Statuary hall at Washington has placed in imperishable marble the story of this great achievement.

It is curious that every rival of Doctor Long for this honor came to a dramatic end. Dr. Horace Wells, overcome by the rejection of his claim by the French academy, committed suicide; Morton died from congestion of the brain, induced by excitement over an article seeking to deprive him of his honors, and Jackson, like Wells, became insane from the contention over the disputed honors and died in an asylum. Doctor Long himself, "in the fullness of service," was stricken with apoplexy at the bedside of a patient.

The discovery alleviating man's suffering came, not only from a scientist, but from a man of large sympathies. Doctor Long loved people and horses; enjoyed cards and the theater. In his reading, of which he was very fond, he shared his pleasure with the family circle.

Doctor Long died in attendance on an obstetrical case, his last words being directions for the recovery of the patient.

"The clown missed the company of the ventriloquist and asked the circus manager what had become of his friend."

"Oh," explained the circus manager, "he found he could make more money selling parrots."

### The Gas "Ghost"

One of the first to discover coal-gas was William Murdoch, who, about 130 years ago, made it by heating coal in a closed vessel with an open pipe connected to it.

Murdoch used to amuse himself by filling bladders with the gas and carrying them with him at night so that he could find his way about the countryside in the dark.

We can well understand, says a writer in the Journal of the London Society, how frightened were country people, and they came to imagine him to be some kind of ghost.

Twelve per cent of all people on the earth take their laws of life from Mecca.

## Daddy's Evening Fairy Tale

BY MARY GRAHAM BONNER

### ANNETTE AND PINE

There was such excitement as little Annette and little Pine were coming to dinner.

The children had not seen them in a long, long time for little Annette and Pine lived quite a distance away and they did not see them nearly so often as they wished.

There were few, if any, people they loved much better than they did Annette and Pine.

Chocolate ice cream. Annette's hair was very, very dark brown, almost black. But Pine's hair was lighter in color.

Pine's real name was Philip, but the children had always called him Pine. In school and by many boys he was called Phil, but the children who were expecting him to dinner always called him Pine.

It made him so much more their friend to have a name of their own for him.

Pine was the kind you really wanted for a friend. Once he was your friend he was always your friend.

Both Pine and Annette were wonderful children. It was not that they were so good that they weren't natural.

But they had such nice qualities. They were so generous and so willing to share what they had with everyone else.

In fact they never kept anything of their own very long for they were so ready and eager to share.

They were so generous and they were so loyal to their friends and they always wanted to do what they could for everyone.

They had the really wonderful qualities.

And they were great fun, too.

Well, you can imagine how nice it was to think that they were coming to dinner.

The children thought about it all the day before the one when they would come and all that next day until it was almost time for them to arrive.

There was going to be a fine dinner, too. At Annette's and Pine's house every one always got such gorgeous dinners and such fine suppers and such nice tea parties and all sorts of parties.

But the children had asked their mother for an especially nice dinner on account of their guests.

So they were going to have soup and biscuits and roast beef and lima beans and mashed potatoes.

They were going to have celery and home-made currant jelly and home-made pickles.

And they were going to have home-made ice cream and home-made cake.

Chocolate ice cream was the flavor the children had decided upon.

Afterwards they would have hard candies and they they would play games.

Oh, it was such fun looking forward to seeing Annette and Pine again.

The children could hardly wait for them to arrive.

Every sound they heard for at least an hour before they were due made them rush to look out of the door or out of the window.

And then at last they came.

And how happy every one was. The children just beamed with delight.

For Annette and Pine had come. And Annette and Pine were such great, great friends!

### New Brand of Dog

A small boy, about five, came struggling along dragging a strange looking pup by a heavy chain.

"Well, well," exclaimed a kindly on-looker. "That must be a fine dog you have. What kind is he?"

"Yes, sir!" came the proud reply. "He's half brindle and half female."

### About New Neighbors

The new neighbors were under discussion. Howard made it his business to go over and be the first in our family to get acquainted.

He brought home this information: "They're one that goes to school; he's John. Mary plays with dolls, and the baby's one is Betty Jane."

### Thought She Was Big

Dawn is a little over three years and upon seeing herself in a tall mirror she turned to her mother and exclaimed: "Mother, ain't I big? Look—my head is away up from the bottom!"

## FARM STOCK

### TUBERCULOSIS IS BEING REDUCED

(Prepared by the United States Department of Agriculture.)

Carrying the campaign of eradicating animal tuberculosis to areas where it is very strongly entrenched is one of the newer developments in the nationwide program to root the disease. A survey just completed by the bureau of animal industry, United States Department of Agriculture, shows the aggressive action taken by many counties.

The eradication of tuberculosis under the "area" plan is now being conducted in 34 of the 98 counties having more than 15 per cent of tuberculosis infection among cattle, and in 54 of 165 counties containing cattle that are tuberculous to the extent of more than 7 per cent but not more than 15 per cent. Thus about one-third of the most badly infected counties have eradication work under way. Two of the counties, formerly very seriously affected, have already reduced the infection to 0.5 per cent or less and are in the "modified accredited area" class.

There are 241 counties in the country where tuberculosis among cattle exists to the extent of more than 3 per cent and up to 7 per cent. Of these counties 93 are conducting area work to eradicate the disease and 8 of them already have qualified as modified accredited areas. The work is also going forward rapidly in the more lightly infested areas where sentiment strongly favors eradicating the disease before it becomes more serious. At the beginning of 1926 the list of modified accredited areas totaled 149 counties, thus indicating excellent progress toward the conquest of disease.

### Danger of Bloating to Horses Put on Alfalfa

Most farmers keep horses off of alfalfa pasture because of danger of bloating. As to cattle, many people pasture them on alfalfa constantly and seem to have little trouble. However, many cases of bloating are reported each year, and it is well to take a few precautions when pasturing this wonderful plant. When starting cattle on it they should be turned in when they are full of grain and hay, so that they won't gorge themselves on alfalfa at the start. Then you may leave them on the pasture continuously. Some people take the cows off the alfalfa when dew or rain is on it, but others do not and they seem to get along all right. If an animal does bloat there is no occasion to become alarmed. Give her a quart of water in which has been added one-half ounce of formalin. Then put a wooden "bit" in her mouth and fashion some sort of bridle to hold it there. After the cow has recovered a second drench, composed of one pound of epsom salts and a half ounce of ground ginger in one pint of tepid water, should be administered.

### Bicarbonate of Soda Is Efficient as Corrective

Bicarbonate of soda has often been suggested as an efficient corrective of sundry young lamb troubles. When bought by the keg or from the druggist who confesses it is cheap by the keg, any farmer can afford to use it, says a writer in the Ohio Farmer.

Popularly, in case of human digestion, this baking soda is supposed to be merely an active corrective of acid digestion, but here and there one finds people having long used soda as a cathartic.

The sheep man who is at all troubled with constipation of ewes or lambs or who loses large lambs in fits of acute indigestion, or "lamb cholera," may well try a dash of soda in the salt before lambing and quite liberal use in salt until the lambs are well started. The writer had often used a half-and-half mixture of salt and bicarbonate of soda under such circumstances.

Laetive feed, of course, is the rational corrective, but all farmers with sheep cannot always control this factor, much as they might wish it.

### Live Stock Notes

If good strong litters of pigs are to be expected brood sows must have other feed than corn.

When sows are carrying litters, they need large amounts of protein and muscle and bone-building feeds.

Tankage is a very highly protein concentrate, which is fed to furnish the protein to balance up hog rations. It also furnishes a great many of the necessary minerals.

No farm is complete without hogs. It needs a few brood sows and should breed them.

Careful and systematic management of the sow and litter will greatly increase the profits in the hog-raising industry.

Experimental work shows that corn and tankage in self-feeders, not allowing the young pigs to become hungry, is just as economical a method as can be followed.

## Alabastine Time

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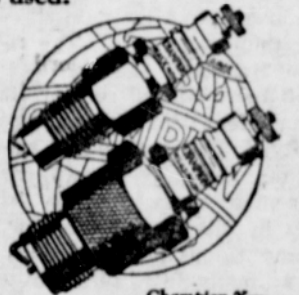
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### Using His Talent

The psychoanalyst had been called in to address the Wednesday evening "pet meeting" of the salesmen. He related many incidents of men and women who "wasted" their lives by doing work to them uncongenial. Others, he said, were half-way successful, enjoying their work but not using their ability in a line that gave them the highest rewards. Then he told the story: