## THE ATHENS REPORTER, SEPT. 15, 1915

## SUNS AND THE UNIVERSE.

And the Theory of One Great Central Blazing Orb.

That very high, imposing, mathe-matically proved science-celestial me-chanics-demonstrates that there is no necessity for a colossal, dominating central sun. The idea of a central sun controlling the entire sidereal universe was advanced by what are called metaphysicians, totally opposite in nature from mathematicians. For one guesses the other either proves or admits that he cannot.

If the universe is finite it has a precise center. Photos of the entire celestial vault reveal at least 100,000, 000 giant suns, our sun being one of the smaller. And these or some of them are known to be two quadrillion miles apart. Mechanics know that the entire congeries of suns has a center of gravity. And it knows that this center of gravitation, even if empty and void, dominates all motions of all the millions of suns around it. But all suns move as bees in a

swarm, and no such immense body has been sensed in space. Kapteyn's dis covery of drifting of suns in opposite directions may indeed be the beginning of a discovery of rotation around a center, but the rotation would as well be maintained if the center is an absolute vacuum.

# BABIES IN ASHANTI.

When children are born in Ashanti they are at once rubbed all over with a mixture of oil and red ocher, this being repeated every two days. Their mouths are washed with a fiery concoction in which red pepper is the main ingredient, and a crier goes through the town proclaiming the new, arrival and claiming for it a name and a place among the living.

Some one else is a distant part of the village acknowledges the fact and promises, on the part of the people, that the newborn babe shall be received into the community. The towns-people then assemble in the streets, and the baby is brought out and exposed to view.

Next a basin of water is provided, and the head man, or chief of the town, sprinkles water upon it, leaving it a name and invoking a bles upon it, such as, for instance, that it may have health, grow up to manhood or womanhood, have a numerous prog-

eny and possess riches. Most of those present follow the ex-ample of the head man, and the poor child is thoroughly drenched before the ceremony is ended. Every one who participates in the ceremony pledges himself to be a friend to the child\_London Standard

#### Let Us Do It Ourselves.

Once the philanthropist set up a drinking fountain. Now there is good city water laid on everywhere. In olden times kind hearted people provided "ragged schools" for the waifs of the alleys. Now there are public schools for all. Once the benevolent created funds to provide meals for indigent prisoners in the jails, but John Howard induced the state to feed its prisoners. Time was when the defectives were cared for by charitable groups. Now the state provides for these unfortunates. There will always be opportunity for private philanthropy to render signal services, but a dem ic society with a proper spirit of inde-TOTT

Lost His Arm Mr James Kane of Ottawa had the misfortune to get his arm badly crush-ed last Thursday night. Mr Kane and a companion had purchased tickets from Vaudreuil to Otlawa by the Grand Trunk, but Mr Kane missed the train, and as his companion had both tickets he decided to catch the C.P.R. midnight express. Accordingly, at Vaudreuil, he climbed on to the tender of the engine. Somewhere be tween there and Chesterville, his arm was caught by the automatic coal feeder. At Chesterville he was able to draw the attention of the fireman, when he was released and taken to the Public Hospital, Smith's Falls. When he arrived, it was found necessary to amputate the arm. The wound is now

### Death of Mrs. George Stevens

time.

be able to leave the hospital in a short

Once more the Angel of Death has suddenly appeared in our midst and summoned one of our number, Mrs George Stevens to her eternal home. On the morning of the 10th, the sad news spread rapidly over the village that during the night our friend had

passed away. Although Mrs Stevens had been in our midst but a short year, she had endeared herself to all. She was the second daughter of Mr and Mrs Michael McClosky of Chelsea, and was married to Mr Stevens on the 13th of October, 1914. The deepest sympathy is felt for the husband so suddenly called to mourn his loved one. Many friends called to pay their

last respects. and, gazing upon their friend in her last, long, peaceful sleep, with her angel baby nestled on her breast, felt, perhaps as never before, how wooderfol is death. In the early hours of the morning of

the 11th, friends left with the remains for Chelsea, where the burial services were conducted on Sunday at 11 a.m. Sympathy of friends in both Athens and Chelsea was expressed by many

beautiful floral offerings. Leaves have their time to fall And flowers to wither in the north wind's breath, And stars to set—but all,

Thou hast all seasons for thine own O Death !

\$2,100 in Stamps on Will

The \$4,000,000 estate left by the late Mr E. Chandler Walker, of Walkerville, who died in Washington recently, is giving the Canadian Surrogate Courts some work.

It is said that Ontario gains \$500,-000 in succession dues on the estate. Law stamps on the filing of the various papers and official records in connection with the estate cost \$2,100. The will is said to be the bulkiest alike in volume of contents and in value ever offered for probate in the province. It has been filed for probate with County Registrar Henry Clay, at Windsor, as the estate is in Essex county.

Persons Inclined to Bronchial or Lung weakness should take the "D. & L." Emulsion whenever run down or after colds, to promptly rebuild their full weight and strength.

Bank Map of Ontario and Quebec. A striking illustration of the finan. cial progress throughout the two older provinces of the Dominion during ecent years, with respect to banking facilities, is graphically shown in a new edition of a Bank Map of Ontario and Quebec which has recently been issued by the Department of the lpterior at Ottawa. According to the information which has been incorporated in the publication the number of branches in operation in 1901, the first year for which statistics of this nature are given, totalled approximately 500, in comparison with 2,000 at the present time. This interesting compilation of current banking information is valuable also as a Railway Map showing as it does the location, on the various main and branch lines, of all towns and cities. This, together with other general information, makes the publication very useful for reference purposes. A copy may be pro-cured free of charge upon application to F. C. C. Lynch, Superintendent of the Railway Lands Branch, Department of the Interior, Ottawa

# SMUT! A WARNING to FARMERS!

Farmers have lost thousands of dollars this year through Smut in Wheat, Oats and Barley.

This loss can be prevented in ONE WAY ONLY and that is by Treating the Seed. Be sure, therefore, that your Fall Wheat is properly treated before it is put into the ground this fall.

There are two methods of treating the seed, as follows. These methods will prevent Stinking Smut of Wheat, Loose Smut of Oats and Covered Smut of Barley; healing nicely and Mr Kane expects to

- Mix one-half pint of formalin in 21 gallons of water. Place the seed to be treated in a coarse sack; a bran sack is excellent for the purpose. Fill the sack about three parts full and immerse in the formalin solution for twenty minutes. During the treatment raise the sack up and down several times in the solution
  - to insure wetting every grain that it contains. After treating spread the grain out thinly on a clean floor or can-vas where it can be stirred and allowed to dry sufficiently to be sown. The sooner it is sown after treatment the better. Twenty gallons of the solution will treat about 20 bushels of of grain. Several treatments may be made with the same solution; each lot will require to be immersed for twenty minutes.
- (2) Mix one pint of formalin with 40 gallons of water. Place the grain to be treated in a heap on a clean canvas or floor. Sprinkle the formalin solution over the grain, then shovel the grain over into another pile so as to mix it thoroughly, then sprinkle and shovel again. Repeat this until every grain is moistened by the solution; then cover the pile with sacking and leave for three or four hours. At the end of this time spread the grain out thinly to dry; shovelling it over three or four times will hasten the drying. Forty gallons of the formalin solution is sufficient to sprinkle between thirty and forty bushels of grain.

For further information apply to

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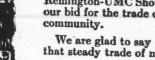
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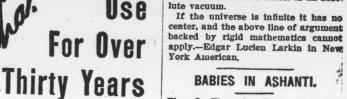
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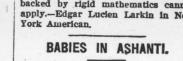
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the bad habit of leaning upon the large private donor, but will take as its maxim. "Let us do it ourselves."-Atlantic Monthly.

. Bugar.

The first beet sugar factory in the United States was erected in Philadel. phia in 1830. It did not prove a success and was dismantled. The first successful beet sugar factory was built in 1870 at Alvarado, Cal. This factory was in operation until 1913, when it closed down. It is estimated that \$100,000,000 is now invested in the sugar beet industry of this country. The sugar supply of the American people is drawn from three main sources. These are: Domestic beet sugar produced in seventeen states from Ohio in the east to California in the west; domestic cane sugar produced in Louisiana, Hawaii, Porto Rico and the Philippines; imported cane sugar preduced in Cuba.-Argonaut.

Got Rusty All Right. "See here!" complained the man as he walked up to the proprietor of the clothing store. "I have only had this suit two weeks, and it looks rusty already.

"Well," said the proprietor, "did the alesman guarantee the suit?" "He did," replied the man. "He said

it would wear like iron."

"Well," replied the man, "it did, didn't it?"-Cincinnati Enquirer.

Slicing Bacon

To slice becan properly always place it rind down and do not attempt to cut through the rind. When you have the desired number of slices slip the knife under them and cut them free from the rind, keeping as close to it as possible,

#### Cause of His Death.

'Alkali Ike-And so Slippery Sam died with his boots on, eh? Bronchu Bill-No; he died with my boots on. That's how he came to die .- Exchange.

In bad fortune hold out; in good hold in --German Proverb.

### Was Sent to Penitentiary

On Saturday, July 24th, Stanley Hammett was arrested in Toronto and brought to Belleville. The accused was treasurer of Toronto Lodge No. 108 of the Brotherhood of Railway Trainmen, and was apprehended on the charge that he did misappropriate \$800 which belonged to the Lodge. Hammett was brought to Belleville owing to the fact that the president of the union and other officials are residents of that city, and a warrant for his arrest was issued there. The accused was a brakeman on the G.T.R. line and his home is in Toronto. He had been for some time treasurer of the Trainmen's Union and during that period a considerable sum of money had been intrusted to his keep-

ing. On Monday, July 26th, he appeared before Magistrate Masson at Belleville and pleaded guilty to the charge prefered against him. A few days ago the case was disposed of by Magistrate Masson who sentenced Hammett to the Kingston penitentiary for a four years and six months.

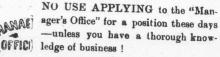
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