

was taken. For seven hours the propasor exposed his plate to the light of the mysterious star, and through all that time he sat with either hand on a thumb-screw, watching the star and keeping it true to the crossed spider ines on the glass. When he looked at the negative he observed a fact in which he at once recognized the proof

so long sought and so ardently wished tor by observers everywhere. The spots of density in the west field of the nebula had moved.

and other, observations are, that in the immeasurable abyes of space worlds are still formed, while others perish. The entire universe is passing through nstant changes. There is both disso-164-165 Times Building, New York City. In barge of R. F. Commings, Manager Foreign uvertising, from our Home Offica. tion and evolution. Old worlds are set fire to and converted into gas, but rom the matter existing in that form, espondence and other reading matter blication should be addressed to the new worlds are condensed. Nothing is lost After "the consummation of all

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OFFICIAL NOTICE.

The anniversary of the birth of the Prophet Joseph Smith will occur on the He was born December 23. 1805, We suggest to the Bishops, everypriate to hold special services in comration of that important event. on Sunday, December 22, 1901. The authorities of the several Stakes and Wards will please make arrangements necordingly

> JOSEPH F. SMITH, JOHN R. WINDER, ANTHON H. LUND,

THE SCHOOL BOOK ORDINANCE.

There seems to be some opposition to he ordinance introduced by Dr. Beatty, and passed by the City Council on Tuesday evening, in reference to school The Mayor has been requested to veto the bill. The Board of Education complain that the disinfection of books and the changing of the covers from cloth to paper, would be expensive and tedious; that it would take too much time, and the fumigation required would take at least five days involving the closing of the chools. It is also argued that dictionaries and maps would have to be excluded from the schools, or that each pupil would have to be supplied with a separate dictionary and map.

It appears to us that this is rather in the nature of straining a point or two against a very necessary regulation. The holiday time is near at hand ar school vacation will

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take place, and during the period of closing the schools, the necessary changes and disinfection can be attended to without other interruption of the school course. That will meet the chief objection now urged. Arrangements can be made by prop-

er rules for the examination of a map or dictionary, without doing violence to the ordinance which has passed the Council. The indiscriminate use of school books which the new regulation proposes to abolish refers to those books that are constantly handled by the pupils and are frequently changed from one person to another, and not to works of reference that are occasionally consulted, and which may and should be under the charge and direction of the principal or teacher.

It is always easy to pick some appar. ent flaw in a piece of legislation, no matter how carefully it may have been prepared. It should be remembered that it is the spirit of an enactment that should govern, rather than the mere letter of the law. The purpose in view is not to embarrass educational officers or instructors, nor to hinder the progress of the schools, but to protect the pupils and also the general public, from the danger of spreading infection, by means of school utensils and appliances, that may have been handled by children smitten with a contagious disorder. The ordinance is a good measure, and we hope it will become operative without unnecessary delay.

THE BIRTH OF A WORLD.

What is called one of the greatest discoveries in the history of astronomy is now said to have been made by Professor G. W. Ritchey, of the Yerkes Observatory. Briefly stated it is that the worlds are created, or evolved, from nebulæ. This theory was announced by the Frenchman, La Place, and it has strongly commended itself to the philosophical observers of celestial phenomena, but Professor Ritchey, it is claimed, has just finished observations which demonstrate the truth of the nebular hypothesis. The fact is well worth recording.

The professor, according to the reports, was studying the mysterious star Nova in Perseus, which last February suddenly blazed up with a strange light in the northern sky. It continued to increase, until it became a star of the first magnitude, and then it gradually faded until now it is but of the sixteenth magnitude. The fact was much commented on at the time, and some advanced the theory that the star, while its brilliancy was increasing, was speeding towards the earth, and then retreating, but that supposition was soon abandoned, as were others, and the phenomenon was accounted for, on the theory that the far away world had suddenly come to its end, and that its conflagration was witnesed by human eres. This, the professor's observations seeni to confirm.

According to a report in the Chicago Record-Herald, Prof. Ritchey, on the 2001 of September last, photographed the star by means of the twenty-four-Inch reflector. The negative disclosed the fact that the star was surrounded by a nebula and that there were two fairly dense wisps of nebulosity toward the west with a curve to the north, merging into the convolutions of the nebula. This was a startling fact, but the cards, weekly, monthly, or quar-

for that purpose, and authorizes cretary of the interior to make surveys and construct reservoirs where necessary. It also provides that nothin the proposed measure shall come in conflict with state laws regarding

Irrigation. s not necessary to discuss the It benefits to the country of the adoption of some such measure. It has been pointed out repeatedly that there is room enough in the arid belt for a hundred million people, and that they would support are placed within their reach. vet claim that such improvements are narrow-minded view cannot be general. The different states and sections

what builds up one part benefits all. The snow of the mountain ranges and other sources of water supply cannot be properly utilized except under common laws, so framed that the interests of one state do not come in conflict with those of others. It is a problem that can be handled satisfactorily only by the general government. Fortunately the question is not one of mere experiment. It is not like bombarding the sky for rain, or the clouds to scatter hall storms. The experience of over half a century has demonstrated what can be done in the arid belt by irrigation. The soll is fertile. The climate is excellent. There

is an abundance of moisture, if properly stored and judiclously distributed. Much of this is now running to waste, while people are looking for places where to locate. The question of reducing the great part of the arid country that can be reclaimed is a business proposition, The enterprise will pay a good profit

will multiply the national wealth. LIFE INSURANCE IN GERMANY.

The compulsory life insurance system of Germany is an interesting feature of the government of the great Fatherland. Its adoption must be considered a concession to German Socialism, but its beneficial results cannot be doubted.

William E. Curtis, in the Chicago Record-Herald, explains this insurance. system in detail. By law, every wageearner who receives less than 2,000 marks annually, is required to set apart a small portion of the wages regularly, and deposit it with the government. This is incumbent upon all servants working for wages; private teachers, tutors and governesses; private secretaries, companions, ladies in waiting. seamstresses and other inmates of households; clerks bookkeepers, salesmen and saleswomen, porters, teamsters, engineers and employes of every description, in factories and business establishments, who have reached the age of 16 and are earning regular wages. But apprentices who have no pay, and others who do not receive regular

The insurance premiums are paid by pasting stamps upon cards. The employer is bild responsible for the reguar performance of this duty. He pays half the premium, and the employe the other half, unless otherwise agreed between the two parties. In many instances the employer pays the full amount in addition to the wages. If the insurance stamps are not pasted on



