### TWORSHIP A NEW GOD

#### ALLEGED APOSTLES CAUSE AGI-TATION AMONG MONGOLS.

Make People Believe the New Deity Will Deliver Them from Foreign Yoke and Create an Indepostor Explos

The agitation among the Mongols inhabiting the Aliai region near Blick, Russia, is increasing over the appearance of the god Airel, who they believe will deliver them from a for eign yoke and create an independent kingdom. The Mongois are guthering in thousands in answer to the summons of men who are proclaiming themselves to be the apostles of the god Airol. These men are luspiring awe among the ignorant nomads by means of alleged miracles carried out with the aid of electrical and pyrotechnical devices.

These so-called apostles preach the reincarnation of the god Airol and pretend to carry from him messages to the people, saying that he has not been bappy since he loft them 200 years ago, coincident with the date of the Russian accupation of the country They warn the Mongols to abstain from wearing white or red, Russian mational colors, and to wear only blue and yellow, national colors of Japan, urge them to worship the sun and moon, which are the gods of Japan. and especially the overgod Burhan, who is the only true god of the gods. They also warn the inhabitants to disleard all agricultural implements and to keep their arms hidden in the mounstains and elsewhere.

The new prophets are said to have been discovered to be Japanese who have passed the winter in caves in the mountain fastnesses, carefully concealfing their presence in the country. The ptrangers were received by the inhabidants with undisguised hostility. The periousness of the situation lies in the fact that the tribes in which the revolt is fortered inhabit both sides of the Trans-Siberian railroad and number many thousands of potential fanatics. and that should any perious uprising occur it might interfere materially with railroad communication

#### HISTORIC MEDICINE CHESTS Receptacles Carried On Many Important Expeditions Form an Interesting Exhibit at Pair.

In the British section of the palace of diberal arts at the world's fair at St. Louis there is an exhibit of reites that has a wonderful interest for visitors It k water of the medicine cheets carried on expeditions of war and exploration is all parts of the world. Arctic expeditions in search of the north pol-Prince ware in Africa, explorations is percond pourseys of war corresponder a cocuribate

The aluminum medicine chair that was ranned by the Jackson-Harman worth art to expedition which spect, three means in Frank Joseph land is shown side by side with the chest used by Emin Passa Gen Gordon a governor of equaterm. Soudan. This chest was taken by Arabe when Rmin Pashs was massaured in 1992. It was recaptived by Baroc Dhann from whom it was solien En the matires and was recently recorered to the swart country of Africa.

One of the most interesting spec mena is 'Te best used by Sir Henry M Stanley or the Emin Pasha relief expedition. converted three years time. Other lases sare the one used by Lional Doore correspenders for the London Telegraph on a journey from the Cape of Good Hopto Ugarna, Africa: the rawhides overed chest used by Liout B Vandeuer of the British army, in African wars in 1895; many other chests that were the property of officers and regiments of England's army in Africa on many oceasions, and the medicine cases used by American regiments in the spanish-American war.

### GOT BAD MONEY FROM COW

#### Indiana Man, Charged with Counterfeiting, Startles Court by Novel Excuse.

Charles Johnson, of Mitchell, Ind. under indictment for counterfeiting, on being arraigned at Indianapolis startled the court by declaring that a cow had given him the bad dollars

"How's that?" asked the judge, mys-"Yes sir." answered Johnson unabashed. "A hand appeared from be-

yend the cow and gave them to me. I often get money in that way." "Who fold you to go to the cow?" the indee queried "Spirits, your honor," promptly an-

awered Johnson. "They came to me at night and told me to hunt the cow. This I did and then the hand appeared " The case was postponed until fail pending an investigation into the man's

mental condition. Last Man h. the thief of the secret service found a complete counteffeiting ourfit in Johnson's

### No More Spanish Chateaus

Kink Alphonso has signed the copyradition treaty between the finited States and this country. Another in dication that our former enemy and ourseives are once more on good terms. Fugitive crooks will be able to fream no longer of castles in Spain

### The Difference.

An aged Mexican has died without heirs, leaving \$2,000,000. If he had been an American, says the Chicago Daily News the services of the census. taker would have been necessary to count his wives

### - GROWTH OF CHICAGO

POPULATION IS NOW ESTI-MATED AT 8,941,000

List of Names in New Directory, Minus Those of Unmarried Women, Is 3,000 Greater-Johnsons in the Majority

With the 2 000 000 mark far in the rear, Chicago is rapidly pushing her population up to the 2,250,000 post, according to the es :mate made by the compilers of the Chicago directory for 1904. There are 667,000 names in the new directory. Comparing this number with the census of 1899 the city's population is placed at 2,241,000.

There are only 3,000 more names in the directory this year than last. The directory company explains this slight proportionale increase by stating that greater care has been taken in securing names than ever before, and that especially were the names of unmarried women not in business heretofore used, excluded. The names in the directory are as far as possible those of heads of families.

Comparing the number of names with the government census of 1989. the population of the city is only 1,910,700, but the directory compilers say the last federal census was erroneous, and cite the returns from the consus enumerators in Evansion to prove their contention. The government census in Evansion was proved to lack 1,200 names, or a percentage of ave, and in Chicago, where the work is much more complex and involved, the directory company believe there will be a discrepancy of about 15

per cent. The census of 1890 is therefore taken as the more correct one, and the esti-

mate is made from it. Charles J. Aabel is the first name in the new directory, and Joseph Zywna is the last. There are 2,289 pages devoted wholly to names, and the Johnsons claim 201/2 of them. The Smiths get 15: , and the Browns and Joneses come next, with seven and six pages, respectively.

There are six Seas in Chicago, 90 Lakes, with one Whale, and 195 Fishes with 144 Finns There are ten Dances. at which Polkas, Waltzes and Gallops are on the programme, while the Music is furnished by one Dancy, who is really a musician. The Youngs sutnumber the Olds by heavy odds, and one Eyd man Sells Lambs erough to make a Flock. There is one Moth, but no Flame, although there ar our Lamps and Fires Adam, Eve. Cain and Abel are well represented There are three Roosevelts and several Lincoins. Chicago has only one Mor-

### OHIO HAS CURIOUS FREAK. Animal Discovered Kear Columbus Was the Body of a Dog and

Title a freak," said the proprietor of a Columbus (O t bird and dog store. who is in the business almost as much from his love for animals as in the hope of profit. "It should never have been

the Head of a Hog.

port | he said The animal is a well developed specimen of roach log save for the head. which is that of a hog. Some one dis-(overed the animal somewhere, north of Columbus. It is now about three months oid.

The body is distinctly marked with the black and white spots of a coach dog. The bair is short as that of a mouse and almost as the At the neck begins the change and the bristly. saidy bair stands up like all rush

The nose is long, the eyes small with stubby lashes, and the head entirely atour of a shoat. When it reached the the it was small, puny and sickly. Since then it has developed rapidly.

### SMUGGLERS USE AN AUTO. Pseudo Count and Countess Discov-

ered in Act of Carrying Dutiable Goods Agross Swiss Frontier. The latest thing in smuggling comes

from the Swim frontier, where the idea of bringing contraband goods to France by automobile has been developed into a fine art. A party of finely dressed. tourists, presumably a count and a countess and a friend, have been crossing the frontier repeatedly. The suspitions of the authorities at last were aroused, and the automobile stopped and searched. The pseudo count and mantem were found to be notorious smuggiers. Their fine raiment as well. as their machine was loaded with all sorts of dutiable stuff. Investigations pereafter are likely to be more severe

### Black Snake Man's Ally.

"Rattlemake John of Lower Milford. Pall has a someonir of eight rarties taken from a snake that had been kided by a blackshake which had caught it at a great disadvantage John saw the big rattler sping at full ength on one of the Concrate mountains, with a toad in its mouse. A big blackshake saw the same spectage at the same time and made a dash for the ratioer. The latter mould not agit our the toad in time to make a fight and had to tamely submit to being crashed. to death in the costs of the black. snake. Then John out off the rathess

No Benefit in Imitations. It has been discovered that the mayquis of Auglesey had \$200,000 worth of paste gems, which were so well made that even experts had to examine them. tiwes before they were able to detect the counterfeit. Why not have the real thing remarks the Chicago Re ord-Herald when paste costs nearly as must and looks the same?

Some Singular Actions of Metals and Parts That Puzzle Even Specialists in Mechanics,

Some of the wonders of machinery such as the erratic operation of certain engines at particular times, are little understood, even by practical machin-

iats, says a journal of the trade The state of the second If familiar to mechanics of one class are totally unintelligible to the work man in another branch. Men who have worked a lifetime in fashioning cast iron under the lathe are greatly aur prised on learning that the same material, when employed in the heating pipes of a blast furnace stove, grown from six inches to a foot in length from constant use. And the furnace man ii equally unprepared to hear that the core bars used for casting pipes lose as much as three inches in casting 20 or 24 pleces.

In practice, for instance, a niston corpacking of easy fitting babbit bushing is used. When these bushes become sufficiently worn to leak, we close them up by compressing them in the water cylinder of a hydraulic press. [r. this operation a mandrel somewhar smaller than the piston rod is put inside and with all the pressure we can bring to bear we have never been able to compress the bush so as to grasp the mandrel tight, and yet occasionally we have had these bushes shut down while the engine was running so as to grasp the piston rod as if gripped in a vise. to break the bushes asunder, indeed, or to make this necessary in order to get them off.

Again in the foundation of embossed work, two dies are used, the female dis often being made by driving the hardened male die into a block of soft steel. This operation is easily performed by a few blows of the drop hammer. It drives in and raises the soft metal without distorting the block in any other particular Had the same operation been attempted by means of the hydraulic press the block would probably be upset one-fourth its depth, the sides buiging out or the piece crushed, without producing other than a faint marking of the outline of the male die.

When the lawn mower was first introduced, the inventor was considered little short of a mechanical heretic to imagine that he could get sufficient traction with two light wheels to rotate a cylinder six times their own weight at six times their velocity, and cut the grass in addition. The worm that drives the bed of a Sellers planer does not wear out half as fast as it should, and there is possibly something unexpected about it, even to the makers

A 12 by 18-inch cylinder engine, which had been running a year at 185 revolutions a minute on an unusually solid foundation, began one day without apnarent cause to shake endwise and before night had shaken itself loose. As no harm resulted, and the work was pressing the repairing of the foundation was postponed until vacation time. about a month distant. Before that time arrived, however, the shaking ceased, and the engine ran perfectly smooth in spite of the impaired founds-

themselves

Another and even more curious instance of the unexpected was that of a well-known electrician who built and tested for three years a certain piece of apparatus, which promised to be extensively used. As it worked perfectly a large amount of capital was out into buildings and plant for the production of these pieces of apparatus for the market, and many were built; but the manufacturers were totally unable to reproduce the original either in ef-

fect or durability In another case two similar botters were connected by necks at top and bottom and a fire built under each of them the butlers being about half full. The water, without apparent cause, behaved very strangely, all going into one boller, and then into the other. When the play was at its height, the boss, considering the lives of the men and the premises of more value than the cause of science, ordered the fires drawn, and the cause could never be

Secret of Death Guich. . Death guich, in the Yellowstone park, is a narrow, rocky, steep-bottomed ravine, with comparatively level floors or shelves one above another. It was discovered in 1888, when the bodies of five bears, one elk, many small mammals and numerous insects were found lying on the bottom. Subsequent visitors have also seen many dead animals in the gulch, and one counted no less than seven hears. The place where these victims are found is a level shelf about 20 feet long. Last summer Dr. F. W. Traphagen visited the spot, with apparatus designed to analyze the air life found outlets in the rock at the sides, from whichpoured air poisoned with more than one per cent of sulphuretted hydrogen. and more than 50 per cent, of carbon d.oxid -You his Companion.

Cruelty to Song Birds. Probably not one man in a milion outside the initiated knows that many of the birds which compete for sinking prizes are blind, that the men who own them have passed a red-hot skewer across their retina and destroyed their right forever. The reason for doing so is that the birds, hearing the notes of where which they cannot see, imagine themselves in the fields again and ring out their challenges to supposititious lords of equally visionary glade and dell. Loodon T.I Bills

### Movel Suggestion.

A proposal has been made by a woman doctor in Zurich that all unmarries girls belonging to the well-to-do classes. should be compelled to devote a year to unpaid nospital or ambulance work .--

### ODDITIES OF MACHINERY. 3 NOT CAUSED BY FISH.

OBSERVATION OF DR. TURNER BEGARDING LEPROSY.

----Results of His Investigations Among Patients in South Africa-Believes Infection Is Due to Some Vermin.

Leproey must now be added to the other scourges which afflict South Africs. Until recently the extent to which this disease was prevalent in South Africa was little known. The fact that it existed in the Transvani was practically quite unknown, yet Dr. Hurner, the health officer of the Transvani, reports that whereas there were 109 cases in his charge in 1895. there are now over 200. Dr. Turner adds the remarkable fact that no one knows how many lepers there are in the Transvaal. He says that a medical officer who had been in charge of the lepers and had taken much interest in the matter asserted that there were at least 3.000 in 1900

The disease is defying the most heroic efforts at its extermination in Cape Colony, while it is also spreading in Basutoland and elsewhere. The worst afflicted are the Hottentots; the Kamrs, with the exception of the Europeans, being the least affected.

Prof. Jonathan Hutchinson's theory that eating fish, especially cured is the chief cause of the disease has been fully set forth. His arguments and statistics are cogent, but hitherto have found little support. Dr. Turner, as the result of most careful investigation, differs absolutely from Dr. Hutchinson.

Official returns show that 10 per cent of the total amount of fish entering the Transvani goes to Johannesburg. Nearly all of this is eaten by whites, but until December there was not a single European in the Johannesburg leper hospital. Then a man who was born in Europe was admitted He was a member of a large family, all of whom are living in the Transvaal. None of the others is a leper In Dr. Turner's opinion, his disease was clearly the result of contagion, as he habitually associated with a leper

Of Dr. Turner's 210 patients, 44 per cent, had eaten fish, only 17 per cent of which was cured fish. Among the white lepers 35 per cent, had calen fish, 45 per cent of which was cured fish. Among the colored patients, who made up four-fifths of the total, only 30 per cent, ever tasted fish, and only ten had eaten cured fish.

Dr. Turner is convinced that contagion is the most usual means of the spread of leprosy. He treated a few cases in which it was possible to assert that its origin was bereditary, but practically none in which contagion could be excluded and several in which contagion was the sole explanation He believes it will eventually be proved that some vermin is the cause of the infection

### -PLAN REMOVAL OF CITY.

#### Canadian Suggests Way to Prevent Disasters Caused by Floods at Forty-Mile.

The disastrous floods at Forty Mile during the last two seasons and the ever increasing danger of more serious. Boods, having made it almost imperative that the townsite be removed, bas resulted in Canadian Collector of Customs Busby suggesting the removal of the town to high ground on the other side of the Yukon.

Busby says the only available site where security could be had is across the Yukon, on the right limit of the river. There the bank is high, the ground is level, the channel is near shore, where there is always deep water, and an excellent site for the city could be laid out. Forty-Mile post is a historic spot, the oldest white settlement on the river above the Russian. mission, and to many of the old-timers it would seem like sacrilege to talk of its abandonment, but before the big companies will again suffer the loss already endured two seasons it is not at all improbable they will take steps to better protect their interests by seeking another location.

### AUTO WOMEN IN NEW ROLE.

#### Members of London Club Give Biegraph Tea to Compensate for Business Session.

A happy idea has been conceived by a committee of the Women's Automobile club of London in providing some compensation for the trouble of attending business meetings. Following the first annual general assembly of the members of the club there was what was called a biograph tea held at a hotel. The event was indicated by the title. A display of moving pictures was given, after which tea was served. Some excellent examples of the camera art were shown, the best and most interesting being a series represting the recent race for the coupe internationale. Many present had been to Germany for the race and several of the characters caught by the photographor were familiar to the spectators

### Cows' Strange Diet.

Edwin Ruddock, of Shelburne, Mass. recently bought a cow, which died mysteriously a few days ago. The animal's stomach was opened, and about two quarts of shingle nails were found. The veterinarian said that the nails had been in the stomach a long time, but how they ame there is a mystery.

### Growing Rapidly.

Two or three days ago Fairbanks' height was reported to be six feet two inches. The latest estimate is six feet four and one-half inches. Can his nomination have had so much effect on him?

## AN AFRICAN HERMITAGE.

The Life and Surroundings of a Woman Missionary in Pho-\_\_\_\_\_dreia.

From New Jersky to Rhodesia, east Africal is the loop that Mrs. Helen. E. Rasmussen has made to find her life work. Old Umtali in her home now, and her beautiful little villa on the highlight start a tracter of a make from the other buildings of her mission, is a choice situation for a hermitage, but a trifle lonely for a solitary woman, says the New York Tribune. At night the hyena often comes around with his weird, plaintive cry to his mate. Jackala, wildcats, wild dogs, wolves and deer are plentifut. Leopards and lions are in the country, though Mrs., Rasmussen has never seen them around the house. This does not mean that they have not been there; for they have visited places in the neighborhood and carried off animale. Lions have been seen within a mile of the place, and last year four lions gave Umtall a proper amount of excitement. They were first seen on the main road, and then they visited Umtall nightly. One man rushed out into the darkness with his gun one hight and nearly ran into a lion. Another went off to join a searching party one evening, and while he was gone a tion came to his own house and tried to get his donkey, thus scaring his family not a little. At last a Boer killed three, and the fourth was polconed

But Mrs. Rasmussen's greatest troubles have been with rats and white ants. The former are being satisfactorily dealt with by a cat, but the latter are still unconquered. They have already destroyed nearly all the .. interior woodwork and have made their way to the rafters. They appear at all the cracks in the rement floor, bore through the burned bricks, make their way to all parts of the house and defy extermination

This year Mrs Rasmussen has charge of the mission school, the pupils of which now number 37 boys and two girls. As the boys work on the form in the mornings, school begins at one o'clock, continuing until 5:30 o'clock. The pupils learn a little of a great many things, including English. and make, it is said, a-louishing prog-

nations in this so tion are eath to be mentally and morally superior to those in other parts of Africa, but the old king was greatly opposed to new methods and the white man's ways The new king realizes that he must keep up with the times if he is to keep his power, and he is quite willing to have a school opened in his kraal. It is expected that he will himself be one of the pupils when this is done. So far there seems to be little prospect of getting hold of the women and girls. In a letter recently written to a friend in this country Mrs Rasmussen describes a recent visit to a Dutch settlement shour a hundred miles from the mis-

"The trip was made in an ox wagon with some friends," she says, "and we visited native kruals all along the road. In one kraal where I spent a profitable two weeks the chief was a woman. She treated me as an honored guest, and invited me to a dance, a garden breaking and thrashing "

### SOME REMARKABLE VOYAGES

Cruises in Small Craft That Have in Some Instances Resulted Disastrously.

Upward of a bundred men have ventured on long cruises in boats from 12. to 40 feet in length. Capt. Joshus Siocum is perhaps the best known of these voyagers says the New York Herald. The fear which he has accomplished to ertainly the most daring which has been brought to a successful finish With a fo-foot yawl called the Spray Capt Slocum started from Boston in April, 1965, to circumnavigate the world He arrived at Gibraltar a month later. and set sail for Pernambuco, on the coast of South America. From there he set sail for Rio Janeiro, to Buenos Ayres, through the Straits of Magellan to the island of Joan Fernandez, made famous by Defoe's "Robinson: Crusoe" The Spray then headed for the Samoan islands, making the 6,000 miles after a ran of 62 days. Sydney, in New South. Wales, was the next stop, then down to Tasmania, returning up the coast to Queensland, and through the Torres straits into the Indian ocean, and Mauritius. He next sailed to Cape Town. and was at last in the Atlantic ocean He returned home by way of St. Helena. and Grenada, having covered a distance

of 46,000 miles The voyages of Andrews and Lawier are still remembered, though they were made as far back as 1878. Andrews had hard juck from the start, for he was capsized five times, and was at last raken on board a passing vessel more dead than affive. Lawler, however, reached the Lizard after a more or less exciting trip Later Andrews proposed another trip and the two started from Boston Andrews succeeded in reachrng the coast of Portugal after a trying voyage of 31 days. But Lawler was never seen or heard of again.

### Poison of the Cobra.

The venom of the cobra contains an ingredient not well known that acts upon the nerves. Its effects are rapid and difficult to counteract. This ingredient exists in the cohra's venom to a greater extent than the other substanres that make up the poison. The poison of the viperine and crotaline snakes (the rattlesnakes, copperhead, moccasin, etc.) contains but a small percentage of this nerve-destroying (or paralyaing element. The poison of these anakes acts principally upon the blood, and in consequence its action is slower -"Nature and Science," in St. Nicholas.

### A COMMON BLUNDER.

MANY PERSONS EXPECTED AT-LANTIC CABLE WOULD FLOAT.

Problem Not Understood When First Cable Was Laid-Plans to Obviate the Supposed Dif-

Acuity.

When it was first proposed to lay a marine cable many intelligent persons said it would remain suspended at a certain depth because of the density of the water due to pressure from above. Of course the pressure increases with the depth on all sides of the cable in its descent through the sea, but as practically everything on earth is more compressible than water It is obvious that the tron wire, yarn, gutta-percha and copper conductor forming the cable must be more and more compressed as they descend

Thus the cable constantly increases in density, or specific gravity, in going down, while the equal bulk of water surrounding it continues to have, practically speaking, nearly the same specific gravity as at the surface. Without this valuable property of water the hyraulic press would not ex-

Some of the most distinguished uswal men have made the blunder that to mentioned above. Even at a comparatively recent period Capt. Marryat of the British mavy, the celebrated nautical author, wrote in one of his novels. "What a mine of wealth must lie buried in the sands! What riches He entangled among its rocks or remain suspended in the unfathomable guilf where the engapressed fluid is equal in gravity to that which it en-

When the first Atlantic cable was about to be laid, to obviate this supposed difficulty it was gravely proposed to festoun the cable across at a given maximum depth between buoys and floats, or even parachutes, at which ships should call, book on and send messages to the shore. Others proposed to apply gummed cotton to the cubin, set it affont and leave the gum to dissolve and "let the cable down quietly "

### GIRL WANTED A ROMANCE.

Bvanaville (Ind.) Man Weds Young Woman in a Buggy at Her Request.

Abram Anderson, of Evansville, Ind. and Miss Dora Bennett were united in marriage at Owensville recently while seated in a buggy in the street. The ceremony was performed by the Rev Mr. Shoults and was witnessed by a: large crowd of eager sightseers who had gathered about the vehicle to witmess the unusual decemony

The couple drove into the city in the carriage, and up to the parannage. The Rev Mr Shoultz was called out to the the young people wanted to be married. He invited them into the house, but the bride binshing interposed with the information that they "wanted a little romance in their wedding and desired to be married in the buggy "

The pastor obligingly accommodated them and proceeded with the ceremony He bared his head in the sunshine and offered prayer for the welfare of the trate plighters. The young couple thenjoined hands in the carriage and were securely tied by the pastor's words. After the ceremony the young people drove away at once, while the gathered crowd gaped with act mishment. They have gone to Evansy, ie, where ther , will rest te

### 100 NEW STARS DISCOVERED

Miss Leavitt, at Harvard Observatory, Finds Variables in Large Magellanic Cloud.

As a result of the study by Miss Leavist of the photographs of the two Magellanic clouds, the Harvard observatory amnounces the discovery of more than 100 variable stars in the

so-called large cloud. The two clouds had long been objects of careful study on account of the extraordinary physical conditions which prevail in them, but heretofore they have not been known as regions in which variable stars are numerous. After the discovery of a large number of such stars in the small cloud, previously announced, Miss Leavitt was led to make an examination of the large one.

The variability of all of these stars and of those announced as variable in circulars have been confirmed either by Mrs. Fleming or by Miss Leland, and preparations are being made for determining the precise positions, periods and light curves of all these variables. This will be a big piece of work and progress will necessarily be

#### Bounty for Tree Growers. A bill now before the Ohio legislature

provides for the payment of a premium. or bounty, of two dollars an acre for a period of ten years to any landowner of the state who will plant and care for forest trees in compliance with the rules hald down by the state board of forestry,

The Novel Part of It. There is nothing novel in the announcement that a Peoria man has cured himself of insanity by shooting himself in the head, remarks the Chicaro Journal. The novelty is found in the fact that he is still alive.

#### Incompetent Witnesses A Wisconsin man has worn one pair

of boots for Sundays and dress-up affairs. for 52 years. He can hardly prove it by the boots, remarks the Chicago Daily News, that he want to church twice on Sunday all that time.

# L'ABEILLE DE LA NOUVELLE-ORLÉANS