

## BANK TO BE ESTABLISHED

Far-Sighted Plans of Japanese Statesmanship-Lines for Emergency Use Will Be Permanent-Japanese Colonists Along the Lines. Purposes Regarding Government.

What a calamity would have befallen Japan had the Russians been permitted unmolested to push the boundaries of their zone of influence down through Manchuria to the sea on the south and east, is made clear. The well-matured plans of Japanese statesmanship, the fruit of many years of patient thought, based on the perception that the Japanese archipelago would not for an indefinite period afford elbow-room for the Midako's subjects, were doomed to failure if Russia were to carry out her apparent policy of making Korea to all intents and purposes a Russian dependency. The Korean railways are being built

and equipped with American steel. The first of them, running between Seul and Chemulpo, was constructed in 1899 by an American consessionaire, but just before completion it was sold to a Japanese syndicate, which has made it a commercial success, and has just completed a branch line, begun in 1901, from Seul to the southeasterly point of Fusan. a distance of about 268 miles. This branch line, aided by a modern ocean ferry, has established quick communication between Seul, the Korean capital, and Japan. Under the old system of transportation, the journey from Tokio to Seul occupied seven days; now it is made in fifty-six hours. The construction of a railway between Seul and Wiju, the northern border city of Korea, was begun in 1902 by the Korean government This line has since been taken over by the Japanese government, which is now finishing it under military direction It will be 300 miles long. A line to connect Seul with Gensan, the Korean eastern treaty port, is now being constructed, also by Japanese military engineers These lines, although for emergency use, are to be permanent, and few trunk lines in the United States are provided with a higher grade of steel or a more substantial roadbed. In connection with the Fusan line, the two branches referred to will connict the northern and southern extremities of Korea with the east and west coasts, besides traversing the interior The entire railroad scheme is flnanced by the Japanese government, which has not only guaranteed the necessary capital, but subscribed \$1,-245,000 on its own account, provided the lines are brought in operation by a certain date. The authorized capital was insufficient for the purpose of constructing the Fusan line and so \$1,950,000 was borrowed from the banks at Tokio The interest on this loan has been paid but the government has since been compelled to come forward with \$800,000 more. which completed the line before the first of last January Japanese colonists have been scattered all along these Korean railways Furthermore, three large Japanese immigration companies are already announcing new openings for settlers in Korea Having been financed by Japan, these railways will remain perpetually under Japanese control No further loans on them can be made without the consent of the Japanese minister at Seul The monetary system used by these railways will be Japanese, and ultimately it is believed that the smaller coins of Korea will pass out of circulation. A central bank is to be established at Seul to facilitate this movement. It is said to be the purpose of Japan to establish a model administration in one of the Korean provinces, fully modern in its appliances and policies, and calculated to develop the province in the shortest time. Should this experiment prove a success, it will be extended to the entire peninsula. Should Korea express the desire to have Japan watch over her foreign interests, the Korean ministers and consuls will be recalled, the ministers of foreign countries at Seul will return home, and only the foreign consuls will remain. The Korean army will at the same time be reduced to a nominal size, and the military system of the country will be merged with that of Japan This, in brief, is the Japanese policy in Korea The Russian occupation would have overturned all this, and Japan would have remained an island empire, crowded to the point of suffocation. From the view point of the Japanese. Korea is a prize worth fighting for. Its possession is one of the necessities of the Japanese situation, even though a nominal Korean government may continue in existence Its control by Russia meant without any question the rude awakening of Japan from her dream of becoming a world power

## Experiments Proved Men Gained Strength on Half Rations.

DO WE EAT TOO MUCHT

In a general way we may speak of foods as of three classes, fats, carbohydrates (starch, sugar, etc.), and proteids of albuminous substances. These serve essentially two purposes; first, a supply of fuel or energy for the body, and second, to replace the materials of the body structure which are constantly wasting away as long as life goes on. Under normal conditions the fats and carbohydrates are

used as physiological f -1, although the proteids may also serve in this capacity; to replace the body waste only proteids can be utilized, and in consequence they are absolutely essential for life. An excess of fats or carbohydrates in the diet may cause a laying on of fat, but, aside from possible digestive troubles, can produce no harmful effects. An excess of proteid food may, and often does, prove harmful because of the physiological effects of certain of the proteid decomposition products which float around in the system before being excreted. A number of dietaries are to be found in the literature of nutrition, expressing the amounts of the various classes of foods which go to make up a well balanced ration. In these dietaries the quantities of fuel furnishing foods are always made dependent upon the amount of exercise which the individual is accustomed to take, just as in any machine the more work, the more fuel. The quantity of albuminous constituents required is more fixed and the authorities give amounts varying from 100 grams (3.5 ounces) to 130 grams (4.6 ounces) per day. The figures in these rations are not obtained from observations of the quantities required by a man, but from the tabulated figures of what men actually do eat; it by no means follows that these quantities are the required amounts, they may be much in excess of the actual needs. Moreover, there are a number of observations on record of men and women in perfect health subsisting on amounts of albuminous foods far below the so-called standards. On account of the absolute necessity of proteid food of some kind, it is a matter of no small moment to find out

by careful experiment the amounts actually needed for normal life To get some knowledge of this point a comprehensive investigation was carried out under the direction of Professor R H Chittenden, the Director of the Scheffield Scientific School The subjects of the experiments were of three groups men whose pursuits were chiefly intellectual, including two professors, two instructors and one clerk at the unlversity, a detail of soldiers from the hospital corps of the United States | tices army; and a group of eight athletes from the Yale gymnasium The in-

## CHINAMAN AT HIS EASE.

Gelestial Dignified When He Gasts Off the Cares of the World.

With the summer weather the Chinaman comes before us prominent in his artistic silks and in his native nakedness. His temperament also becomes a noticeable feature to the observant foreigner and the manuer in which he takes his pleasure contrasts marvelously with that of the energetto occidental human being. In the early hours of the morning chea the mys of Old Sol are tempered with the dissipating dews of night, the wealthy native, as well as the worker of low cogree, may be seen marrying the cage containing his fawarite singing birl in the native gartens in contemp-sure ecstacy to the pyous greation which his caged irtend pours forth to the coming elasticity; it will bend under pressure, clory of the day.

As zoon as the golden beams besome oppressive he retires to his 't's nare to tell. In any case, he is wise, for has he not caught the beauty of the grandest part of a summers day, the majesty of dawn? Again, when sunset's glow has fallen dead in the west, the Chinaman pours forth to his diversion. To stand for hours with waving fan on the curb of our city's thoroughfaree watching the and other articles, procession of vehicula, and pedestrise traffic a London-r can obtain from a Lord Mayor's show, daily repested, while a volunteer narada brings him forth in numbers proportionate to the metropolis' myriads called out by a royal pageant.

Thus, in dignified, contemplative manner does the Chinaman display his idiosyncrasy of pleasure-taking. Again the native of younger blood, rushes madly through the streets on material required in the business. the whirring wheel or drives, luxuriously reclining in his smartly apc≠tive jehu, which his means are able to procure.

The visitor to the various public iesorts of the Chinese in the settle- be certain that it did not at one time ments will invariably gain an inter- form part of the tires of your bicycle. esung insight into the Chinaman and t's pleasure taking, and one striking feature cannot go unnoticed. Whether coolie, merchant, office boy at play is invariably respectable.

Quarreling is almost au unknown a room with a southern aspect revestigation lasted for many months,

UTILIZING OLD NCYCLE TIRE! Has Become a Profitable Industry In Germany.

Hundreds of thousands of bleycle tires are produced annually, and the majority of them last but little more than two seasons, if the rider gives them a fair amount of work; at the

most they will not last more than three seasons. What becomes of all the rubber when the tires are discarded? The best kind of rubber has to be

used for bloycle tires and it costs the manufacturer about \$1.50 per pound; but old tires go for 40 cents a pound. and this old rubber is employed for making almost everything but tires. Rubber in its pure state would not answer the purpose of the bloycle maker, because it has not sufficient but it will not rebound as required and it is, therefore, necessary to mix

sulphur with it. The sulphur mixes domicile whether to labor or sleep chemically with the subber to such an extent that it cannot be separated, and this gives the desired elasticity. It is really sulphide of rubber which is used for tires.

Old tires are torn to pieces in a masticating machine and are reworked into common rubber sheeting, door mats, dolls, rubber noses and a thous-

No other material is made into such a diversity of objects as rubber. The rubber toy trade is in the hands of the Germans, and British dealers Have found it profitable to ship old rubber by the ton to Germany for the production of the squeaking doll. The production of cycle tires has

assumed such huge proportions that rubber is a dear thing to buy, and the toy makers have to look largely to habued with a tinge of foreign taste, old tires for the supply of the raw When you are wiping your boots on a rubber mat, when your baby is playpointed carriage, behind the fastest ing with a doll that jerks out a sound rotting pony, steered by a reckless that is supposed to be "Papa," or "Mama," at your own voice, or when you are told that Mr. So-and-So is wearing a rubber nose, you can never

> How to Choose Wall Paper. When we are confronted with the

question as to what color we wish our or mandarin, in public the Chinaman | rooms to be we have a very hard problem to solve We know how often one hears much of the native immor- mistakes are made, and many find out sisty, but decorum when in the pub- too late the reasons for them. Yet lic eye, and absolutely metal be there are special laws that govern havior characterize even the biggest the application of color which should rake among the Chinamen of our set- always be chosen with reference to tioments. Drunkenness is a vice the quantity and quality of light which is usually kept within doors, which pervades the room. A north as are all other reprehensible prac- room needs bright, warm treatmentreds, golden browns, and yellows, and

thing in public resorts. Never does quires cool, light colors, such as pale one witness anything approaching blues, spring greens, and silvery gray



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To Restore Black Satin.

Boil three pounds of peoled potatoes in a quart of water until reduced to a pulp. Strain the water through a hair-sieve, and after spreading out the satin carefully on an old board, dip a soft brush in the water and brush the satin over, moving always in the same direction. Next fold the satin, and allow it to remain three hours before ironing on | the wrong side.

Success always stands for itself. Failure needs an explanation.

involving a great amount of analytical work in the physiological laboratories The data obtained show the blood condition, the weight, strength, and menof the experiment as well as an acphosphorus excreted.

The results show that the dietary standards given by the writers on nutrition are seriously at fault in respect to the amount of albuminous food required by active men. The subjects of this investigation cut down their intake of such food masome cases to as little as one-third, of the "standard" quantities No inconvenience resulted, and in many cases there was a positive benefit, the system showing the good effects resultan excess of food In the case of the soldiers who spent two hours each day at the gymnasium under the supervision of its director, Dr Anderson, the gain in strength was phenomenal, albeit these men were living on what might be called half rations It should be said, however, that not every one will benefit by cutting his rations in two, for not every one is



The Sultan of Zanzibar, Who made a visit to King Edward and renewed friendships of his college days at Oxford

A Hint From the Baron. Upon a client complaining to Baron Rothschild that he had lent 10,000 francs to a person who had gone off to Constantinople without leaving any acknowledgement of the debt, the baron said: "Well, write to him and tell him to send you the 50,000 francs he owes you." "But he only owes me 10,000," objected the other. "Precisely," rejoined the baron, "and he will write and tell you so, and thus you will get his acknowledgement of it."-Exchange.

the college student of Europe on the tones Shanghai Times

A Plague of Rats.

There are all kinds of rat stories coming in from the country west of Springfield. From what the farmers say the Pied Piper of Hamelin would have his work cut out for him if he terials to at the most a half, and in should attempt to wheedle all the color can be used successfully. But rodents into Spring Creek. A wellknown farmer, in speaking of the plague, for such the incursion has be- height to a room, just as a large decome, says that they simply overrun ' ing when it was not overloaded with have been forced to sell their corn because the rats invaded the cribs in such numbers that the stored corn fect. was rapidly being destroyed or rendered unfit for use. One man living near Farmingdale who tore down a crib, with the aid of two dogs and a petites of British epicures is a comrevolver slaughtered over 200 rats in a space of time so short that it seems beef. almost impossible. This seems to be a "rat year" in the country as well as in the city .--- Springfield (Ill.) News. North American bison and Highland

Importance of Mental Rest.

Not more than one person in ten knows how to take a real rest. Most persons, if they have allowed the body to relax, neglect to have their minds do so. There is so much energy wasted, and life is so short, and there is so much real work to be done!

It is not an easy thing to learn this lesson of mental relaxation, particularly for the woman subject to "nerves," but it must be mastered if one is to get the full measure of life which is her rightful heritage.

Nor can any one teach this art. It must become a habit, just as awaking at a certain hour in the morning becomes a habit. After you have sought the couch crowd out all the annoying thoughts with pleasant ones. Lull yourself to sleep as you would a baby.

In Memoriam.

Mark Twain has had this little verse cut in the modest block of marble which marks the resting place of his wife in Woodlawn Cemetery, Elmira, New York:

> Warm summer sun. Shine kindly here. Warm southern wind. Blow softly here. Green sod above, Lie light, lie light. Good night, dear heart, Good night, good night. -Harper's Weedly.

Honor is the quality that pays the gambling debt by standing off the launderman.

rampage or 'Arry and 'Arriet on a The number, size, and position of the bank 'oliday tear. The Chinaman windows will greatly affect the intensitakes his pleasure as he takes his ty of the color to be used, therefore tal alertness of each of the subjects | business, with a calm, calculating it is necessary to consider the color philosophy, which constitutes one of you have decided on in a strong light curate account of the amounts of food | his greatest variations from the habit and also in shadow. By artificial light eaten and nitrogen, unic acid, and of mind of the vivacious European.- a paper will usually look darker than one expects, so when you are at the paper purveyors be sure you ask to see your choice under whatsoever conditions it is to be used, either with

> gas, electric or lamp light. There is no need for curtailing in the choice of colors for rooms that east or west, as practically any here it should be realized that a narrow striped paper gives an effect of sign having more width than depth the fields and that many farmers serves to make a room look smaller and lower; and mouldings, friezes, and dados also exercise the same ef-

> > Bison Beef in England.

The latest delicacy to tempt the appromise between buffalo-meat and A couple of 2-year-old bullocks, the

result of cross-breeding between a cattle, were sold at Newcastle cattle market yesterday. They had been bred by Mr. Læyland, of Haggerston Castle, Northumberland, who has been

engaged for several years in experimenting in this direction. The animals were exactly like their North American cousins in appearance, except that they were stronger and thicker in the hindquarters. They had been reared and fed as wild cattle, so great difficult y was experienced in conveying them to market.

Although they were accommodated in special boxes, their fury was so great that one broke its neck on the journey, and the other had to be shot in the market.

The beef, it is said, will be found of a richer quality than that obtained from a buffalo, and if kept for a month or so more palatable than that of an ordinary bullock.-London Mail.

What the Band Played. Once, during his second term, Grover Cleveland was asked to speak at a function in a certain town, and when he arrived at the depot the wind was blowing a gale, sleet was driving and hail-stones nearly as large as marbles were fiercely falling.; Of course, the inevitable brass band was there, and at the sight of the President the performers struck up with all the strenuosity at their command. "That is the most realistic music I ever heard," remarked Cleveland. "What are they trying to play?" asked Secretary Olney, who accompanied him. "Hail to the Chief!" replied the President, with a cheerful smile.---Exchange.



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