DESERET EVENING NEWS: SATURDAY, NOVEMBER 24, 1900.



ago.

penter.)

Shanghal. Oct. 7 .- I have just re-

turned from a ride to Woosung, a dirty

little town on the Yangtse at the

mouth of the Whampon river. It is ten miles below Shanghai, and the Chinese

have now a railway connecting the two. This is practically the only rali-

road in operation in the Great Yangise

Kiang valley, a region containing

more than twice as many people as the

whole United States, and which sur-

passes in its industries any country in

Asia. The Shanghai-Woosung line is

the beginning of a line to Soochow,

and thence to Chinklang and Nanging.

formerly part of the great railway

elystem which, sooner or later, will

gridiron China. At present no build-

ing is going on, but the moment peace

is settled the great railroad era of

China will begin. SHANGHAI A GREAT RAILBOAD CENTER.

Shanghai will be the center of future railroad operations. It will be the terminus of many trunk lines. It is the New York of the empire. It has all the big banks and is the headquarters of the great financiers. Here Sheng, the director of the imperial railroads, has

his offices, and here, rather than at Pekin, will be granted the concessions

by which hundreds of millions of for-eign gold will be transformed into tracks of steel. There are already a dozen representatives of big syndicates here awaiting developments. Among them are Russians, Germans, Italians, Teresch English and Americans All

French, English and Americans. All

are after concessions and some have already obtained concessions which they want extended. They hope that

the powers will force the Chinese gov

ernment to guarantee the security of foreign capital, and that railroad con-

cossions will be so granted hereafter that they can be built with foreign

money and be controlled by foreigners If this is done a stream of gold wi

flow from the money centers of Europe and the United States to Shanghai. I

will spread out over the empire and will eventually make it one of the

most profitable railroad countries of

WHAT CHINA'S RAILROADS ARE.

So far capital has been afraid of

China. The concessions provide that the work shall be done by Chinese, the

accounts audited by Chinese and the

foreigners who are furnishing the money shoved to the background. As

a result there has been much talk and little work. Our people imagine there are thousands of miles of railroads here. Indeed, more than 4,000 miles

the world.

Shanghai as a Railroad Center-Chinese Railroads in Operation-Where They Are, What They Are and How They Pay--The Tien Tsin-Pekin Line and the Shanhalkwan System-What the Russians Are Doing in Manchuria-What the Brice Syndicate is Doing-It Will Spend \$20,-000,000-The Pekin-Hankow Road in Which the Belgians. Will Put \$25,000,000-Something About an Anglo-Chinese Company and the Trunk Line to Burmah-Big Schemes of the Russo-Chinese Bank and Jardine Matheson Company-Fine opening for American Materials-The Philippines to be Lumber Yard of China.

bridge carried on them along the shore While they were working a flood came, and an excavation had to be made in the island to save the bridge. Here-upon the people made a great outcry and the engineers were forced to bring dirt from the mainland and fill up the

hole. In another case there was a ridge near a village. The natural course of the railroad was across the ridge, but the villagers said that the track must go around it, as in the ridge lived the Feng Shul, or spirit, which brought good or bad luck to them. They said they would permit the railroad to pass through their rice fields, but that it must not touch the ridge. The super-stillon was so strong that the road was stition was so strong that the road was carried a little out of its way to avoid the ridge.

EYES OF LOCOMOTIVES.

When the Kaiping railroad was first built Mr. C. W. Kinder, the famous railroad engineer, ordered some locomo-tives repainted. The Chinese who did the work copied the old painting with the exception of the smokestacks. Upon the oyes taken off. It was superstition that destroyed

"The country through that part of Onina is flat, and our chief difficulty will be in bridging the waterways. The the same line that I traveled yesterday. It was built by the English, started as

their railroad northward from Port Ar-thur, and it will soon connect with the Trans-Siberian road. The road is be-ing well built. It is of a five-foot gauge. The most of its rolling stock, Rauge. rails and ties come from the United States, and more will be taken in the future. went to his family. The killing created a sensation and the owners of the road find the American railroad material ordered that it be removed. They took its rolling stock, ralls and machinery over to Formosa and dumped them on equally good, if not better. They can get it in a much shorter time, and the result is they are ordering it by shipthe shores, AMERICAN RAILROAD EXPORTS.

> ises to open up an enormous market for our railroad materials. The American China Development company, in case of the Pekin syndicate, Jardine-Mathe-son & Company, the British Chinese corporation, the Anglo-Chinese Railway company and others. The Pekin synt carries out its concession will bring ill its materials from the United States, dicate has an enormous coal concession in Shansi. It has probably the richest and this alone will require imports to the amount of \$30,000,000. The Tien coal field of the world to develop, and there is a second company connected Tsin-Shanhalkwan road is now using there is a second company connected with it which claims to bave \$30,000,000 capital as an operating fund. This syndicate proposes to build about 250 miles of railway to connect its coal beds with the Yangise system, and it will need other lines. Jardine-Matheson & Company is one of the oldest and richest of the comquite a lot of American machinery. It has Baldwin engines, and in its works I saw models of cars and trucks furnished by the Pennsylvania Railroad ompany.

> of the oldest and richest of the com-mercial establishments of China. It has Kaiping they are using American can wheels and American axles, steamers, wharves and big establish-ments at almost every port. It con-There will be a big opening here for American lumber, and it may be that thing that turns up. It built the first railroad in China, and I believe it is largely interested in the Woosung line. the Philippine islands will be the lum-ber yard of China in its railroad de-velopment. The island of Mindanao could furnish enough hard wood ties for It now has a concession for a road from Shanghal via Hengchow and Chinklang all the roads that China will build for the next fifty years, and we have vast timber resources on Mindoro and other islands. Uncle Sam owns nearly all the to Nanking. This road will be about 180 miles long and it will have an ex-180 miles long and it will have an ex-tension to connect it with the Hankow-Pekin road. It will go through the largest silk district of China and will probably be very profitable. The British Chinese corporation has a concession for a road from Soochow via Hangchow to Ningpo. This would also tan the silk regions and give them of forest area of the Philippines, and if he exploited the property he could probably net more from the timber

> alone than the islands have cost him At present a great deal of lumber comes here from Oregon and Washington, and tap the silk regions and give them a railroad outlet to the sea. there will be a market for more in the future.

Another company proposes a road from Shanghai to Tien Tsin. Then there road is an Anglo-Chinese railway company which is said to have a concession for a road from Canton to Chengtu, in southwestern China, and another to connect the Burmese system with Chungking, on the Yangtse. This last cut from the island, as it would hurt the fish and bring bad buck. The result was that piles were precided and the much of the crop of central China. It No. 10 to 10 to

is desirable to get the tea very quickly to the market, and by this route the long journey from Shanghai round through the Straits of Malacea would be cut off and the tea would be shipped

be cut off and the tea would be shipped direct from Maulmain and Rangoon, Buiniah, on the bay of Bengal. Chunking is 2,060 miles up the Yangt-se, with steam communication to the Pacific. It will some day be a great railroad center and vast quantities of freight will be shipped via the Yangtse and the Burmene railroad. This same road will nast through the rich mineral road will pass through the rich mineral province of Yunnan.

Still further south a French line has been planned to run from Canton through the province of Kwangsi and on through Yunnan into Tongkin. CHINESE-RUSSIAN SCHEMES.

The Russians have their fingers in

The first dose relieves. nearly everything that is going on in China. They have their steamers on the Three sizes: Sic., enough for an ordinar sold, Sec., Just right for asthus, hrowbin horseness, whooping cough, hard colo \$1.09, most economical for chrouit cases. Yangise, and they own large tea fac-tories at Hankow, which is as far in-York. They are said to own a large amount of stock in the Pekin-Hankow scheme, and they have a concession for 140 miles of railroad from Tayuen-fu. ong, and will unite with the trunk liner the capital of Shansi, to Chenting-fu, in from Shanghal to Tien Tsin by way, Chin-klang. The roads are to b Chihli. This will probably be a great coal railroad, and it may be that the Bussians are planning it in order to standard gauge, and it is provided th all their materials, including iron th bring the Shansi coal mines into con-nection with their Manchurian rail-roads. The concession belongs to the Russo-Chinese bank.

Aside from the natural dislike

the Russlans have to the English, the

The prospective development prom-

THE GERMAN RAILROADS.

Shantung with German money an German material. This is shown by th

concession which the German govern-ment recently gave to the Shantung

The Germans intend to open up

and their materials, including from the and stuel bridges, are to come from Germany. The syndicate has a capital of about \$12,000,000. It has already laid thirty miles of its roadbad, and the tracks will be but down at once, FRANK G. CARPENTER. THE RAILWAYS OF MANCHURIA. The Russians are steadily pushing

the surgery opening an a set Good Advice.

You're Cheating

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company. The Tien Tsin-Pekin company is now using Westinghouse air brakes and American coupiers, which cost, laid down here, \$50 per car. In the shops at Constipation is cured by Hood's Pills. 250

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FRANK G. CARPENTER. common common of the common of

Pekin-Shanhaikwan system. This is the oldest system of Ching and prac-tically the only one which is doing profitable husiness. I Inspected it with Heneral John W. Foster a few years It includes the line which goes rom Tien Tsin to Shanhaikwan on the Julf of Pechill, at the end of the great Thinese wall, and thence on around the culf to Kinchau. It has also the line rom Tien Tsin to Pekin, eighty miles ng, and the little branch which runs lown to the sea at the mouth of the Pelho, making altogether about 375 niles. Much of this road has been torn ip during the war, but the track has been relaid, and by the time this letter

published the cars will be running. At Port Arthur the Russian-Chinese frond begins and extends northward with a branch to Newerhwang into danchurla. There is 280 miles of it in crual operation and the work is go-ng rapidly on. It will include some-hing like a thousand miles in Chinese rritory before it reaches the Siberian et with the great trunk line to Eu-

The Pekin Hankow system has from to 120 miles either built or ready for the rails. The work is going on at both ids. About eighty miles have been tilt from the Loukon bridge, just outide Pekin to Paotingfu, the capital of hihli. This section is in operation; it is well patronized and is paying. From Hankow the road is being extended northward, and from forty to fifty miles are ready for the rails. Extensions are being made to the coal and iron mines nearby, but the track altogether will not measure fifty miles.

In addition to the above are the little road to Woosung and the German roads back of Klaochau bay. The Germans have about fifty miles of track ready for the rails, and they will have cars running before the end of the year. Altogether the total length of the Chinese railroads will not exceed 700 miles If all the tracks could be ifted up and dropped upon the United States they would not suffice to make a single line from New York to Cleveland.

OUR BIG AMERICAN SCHEMES.

As to railroads on paper China is full of them, and among the biggest is an American one. This is the scheme of American China Development company, which has a concession for a road from Canton to Hankow. Its concession is signed by the emperor. It was granted through Wu Ting Fang, the minister at Washington, to the late Calvin Brice and others. The syndicate has already made a deposit of a hundred thousand

(Copyrighted, 1909, by Frank G. Car- | would not make much more than a | dollars, and has spent considerable | Watson W. Rich, a prominent Ameriwould not make much more than a double track between New York and Washington. They embrace about 500 miles of working lines, with an addi-tion of perhaps 206 miles ready for the and others are in ft. The road is to run in a straight line from Canton to Hankow, where it will connect with the rand to Pekin making a trunk line through the richest and most populous part of China. Take your map and put your finger on Tien Tsin. You are now at the contral station of the Tien Tsin Pekin-Shanhaikwan system. This is the oldest system of Ching and prac-tically the only one which is down.

have a population something like 100,-000,000, and they are among the Fichest industrial provinces of the empire. There are big cities all along the line and the road would probably pay from the start. By the surveys of Mr. William Bar-

clay Parsons the road with its branches will be about 900 miles long. It offers no great engineering difficulties, and Calvin Brice estimated that is cost would be in the neighborhood of \$30,-000,000 or a little over \$33,000 a*mile. It is probable that it can be built for much less, for the road from Pekin to Shanhalkwan has cost, I am told, only \$20,000 a mile, including its workshops and its rolling stock. The road to Woosing cost about the same, and the aboutance and cheapness of the labor all along the line of the Canton-Han-kow system should make its construction comparatively low.

THE HANKOW-PEKIN ROAD.

The northern extension of this trunk

line has been granted to the Belgian syndicate, but it is now supposed that the French and Russians have bought the Belgians out. The syndicate has an alleged capital of about \$25,000,000, of which \$15,000,000 was orginally French and \$19,000,000 Belgian. There are also Chinese capitalists in it, but the foreigners have the control.

The Hankow-Pekin road has been built as far as Paoting Fu. The cars are now running, and the traffic are now running, and the traine is such as to promise great profits. It is estimated that it will pay 39 per cent. The work of construction goes slowly at the Hankow end of the line. Chang Chi Tung has much to 'do with this branch of it, and it was his original in-tention to build it entirely of rails made

tention to build it entirely of rails made of Chinese iron, smelted with Chinese onl. The result was that he put up bout seventy-five acres of car shops,

including two enormous blast furnaces, at Hanyang, adjoining Hankow. He spent something like \$6,000,000 in such experiments, and then turned the road over to Sheng. Sheng is importing most of hic materials from Europe. I visited Chang Chi Tung's works not

I visited Chang Chi Tung's works not long ago. They were smelting foreign iron with foreign coke, trying to learn how to make rails, and evidently not succeeding, for the rails now being used are imported from Belgium. Fifty miles of track will be laid with such rails within the next few months. There are now 3,000 men there em-ployed, and the work will be steadily nushed.

pushed.

The route of this Hankow-Pekin rafi-road was recently surveyed by Capt.

rafircad adviser to Sheng, and has each side the stack. When asked why st. Mary road, and is there shell the Sault they did so, they realied: "Encine why much influence here. He built the Sault St. Mary road, and is thoroughly up in nullroad construction. I chatted with him about the line from Hankow to Dates, Said Ker, Marke and Sault an

great plain of north ("hina is cut up by streams and cannis. You can go. by streams and canals. You can by everywhere in boats, and the many waterways will necessitate bridges at waterways will necessitate bridges at mall engines. The road was coining money, but the thereabouts attributed all their

changes its course. We have tried to plan the road so that it shall be out-slide the danger line. For this reason the route has been laid out near the foot of the mountain, 500 miles back of the coast. Here the river at low water is about fifteen feet deep and a mile wide. At high water it is three miles wide, at high water it is three miles wide, so that we shall need a three-mile bridge. All such bridges must be brought from abroad. We have no cheap wood in China and our bridge material must be steel."

RAILROAD BUILDING IN CHINA VERSUS AMERICA.

"I had the idea. Captain Rich, that railroads could be built here very

That is a mistake," was the reply, "Wages are much lower, but the people are unskilled, and they work slowly. Take, for instance, the bricklayers. We pay a Chinese mason and his helper about 25 cents a day for twelve hours' wor, and they lay 100 bricks. An American bricklayer and helper would receive about \$4.50, but they would lay 1.200 bricks, so that the difference is not so great as it would seem. We can get dirt excavated for about threeget. fourths the American price, but all We rock work is equally expensive. We also have to pay a big freight on all our materials, so that there are many off-sets to cheap labor."

HOW THE SPIRITS BLOCK THE . ROADS.

The railroad builders out here have to fight spiritual as well as material na-ture. The roads are forced to wind this way and that to avoid the habitations of spirits. They must be carried about through graveyards and make many detours. The spirits of good and bad luck, known as the Feng Shui, are everywhere, and the Chinese think it is death to disturb them. Not long ago on the Hankow read it was necessary on the Hankow road it was necessary to bridge a river at a poin twhere there was an island of the shape of a fish. The Chinese insisted that nothing be

SOME BIG RAILROAD SCHEMES. Other big railroad schemes are those

