RUSSIA

JAPAN

of people.

Russia annually spends \$15,900,-000 on her army.

Russia is traversed by the largest rivers in Europe.

Moscow is the centre of Russian internal commerce.

Russia has fewer labor strikes than other countries.

The Czar is at the head of the Graeco-Russian Church.

For every ton of coal, Russia burns

nine tons of wood. Every year 280,000 canscripts join

the Russian army. Houses in Russia are built of yel- the Japanese.

low brick, and are of one storey.

Lake Baikal, in Siberia, is the highest fresh-water lake in the world. Dairy farming is pursued in Fin-

land from a scientific point of view. The yearly production of coal in Russia is more than 6,000,000 tons. It is considered bad form to carry

an umbrella in Russia during the winter. The Czar has the power to appoint

to every office in the Graeco-Russian Church. Russian stoves are so arranged in

the houses that they heat two rooms at once. The city of St. Petersburg covers three large islands and a number of

smaller ones. The Russian Empire contains greater number of distinct races than ents.

any other country. Common footsoldiers in Russia re-

ceive as pay only two kopecks, or one cent a day. Every male in Russia is liable to

serve in the army after attaining his twenty-first year.

When the Neva is in flood, women can be seen washing their clothes in the backwaters. A great portion of Russia is under

water in the Spring, owing to the rivers overflowing.

When erecting a bridge, the superstitious Russ throws a piece of new money into the water.

Trains are conveyed across Baikal on the Trans-Siberian way by means of a steamer.

All the granite used in the magnificent buildings in St. Petersburg comes from Finnish quarries.

It is more necessary for a commercial traveller entering Russia to understand German than Russian.

To hire a carriage in the evening for a drive that only takes ten minutes costs \$4.50 in St. Petersburg. The cost of a Russian soldier is

every Russian pays \$1.18 in taxes. In localities where timber is cut, watch towers are erected outside the

for forest fires. Russia is the Malo-Ruski or Little formance is obstructed. Russian Regiment, having its head-

quarters at Kieff. of her death, if she remain unmarried, vation, confined to the rich, or rath- brigades. For use between railway impulses from his foot when it was

parents. When a Russian dies, he is buried with a paper in his hands. On this is written his Christian name, as

well as a prayer for his soul. On every shop-front in St. Petersburg there is not only the Russian sign, but a complete pictorial representation of the goods on sale with-

In times of peace, the Russian army numbers 1,000,000 men. On declaration of war, this can be almost immediately raised to 2,500,000.

To keep out the cold in winter, the windows of Russian houses are fastened up, paper being gummed wherever the least draught might pene-

trate. Conscription takes place in Russia annually between November 1st and December 15th, and those required to complete the active army are chosen by lot.

denotseff, the Procurator-General of the Holy Synod of the Russo-Greek pounds in weight. Church. He is also the most hated man in the Empire.

The Governor of Vladivostock has power to deport any person or persons he thinks fit at twenty-four hours' notice. No reason need be assigned for this summary dismissal.

The appanage Estates are the property of the Russian Imperial family. Their area is 20,000,000 acres. profits from the timber go to the private purse of the Czar.

In the outside world of Russia, furs are considered a test of the financial position of the wearer, so that many business men are obliged to spend a good deal of money on them.

Furs and winter garments are preserved during the time they are not being worn by being stowed in deep straw hampers, with sheets steeped

In turpentine laid betw if the folds. soldiers is fifteen years-four in the iers rank among the best gymnasts ranks, two years on furlough (liable in the world. In half a minute they lo recall at any moment), and nine can scale a fourteen-foot wall by rears in the reserves, which can only simply bounding on each other's be called out in case of war or na- shoulders, one man supporting two lional danger.

Russians are the most hospitable | In Japan there are over 30,000 miles of railways.

In Japan every child is taught to write with both hands.

Japan is 59,561 square miles larger ptian mother.

than England, Scotland, and Wales. Until forty years ago, the Japanese were vaccinated on the tip of the

Japanese brides, during the marriage ceremony, wash the feet of the bridgegroom.

Chrysanthemums, served as salad, are a favorite article of diet among

At a Japanese banquet it is considered a compliment to exchange cups with a friend.

Fish are sold alive in Japan, the several grounds. pedlars carrying them through the streets in tanks.

great fortress at Port Arthur.

ployer's name.

composed of specially prepared paper entirely with him. of a yellowish color. On entering her husband's home, the Japanese bride does not become plies to the whole of Australia, the mistress of the household. She be-

The postal and telegraph departments in Japan are very flourishing. Sixty-eight per cent. of the receipts go to the expense of their mainten-

Census-taking in Japan is simple, original, but untrustworthy. The houses are counted, and for each of these dwelling-places an average of five persons is allowed.

In almost every school in Japan it is the custom one day in the autumn to take the pupils out rabbit hunting, on another mushroom hunting at night with paper lanterns.

employ hardly any other material who have tested them, and while jury, and say, "It is there I feel than paper for their clothing. Where large demands and enquiries for the pain." Or I can imagine you one is the seat of pain?" we must reply wages are exceedingly low, cloth is an impossible extravagance.

middle and lower classes is dressed England have been even more notice- quiry you would locate pain it caused for an evening entertainment, she able. generally shows as much of her feet as she can, and is sometimes bare-

The Empress of Japan receives \$20,000 worth of clothes from Paris enough to go in the pocket. With ter. Nevertheless, it would not be each year. She only consents to appear in public clothed in the gar-\$154.50 per annum, towards which ments of her native country once in a soldier could easily carry 13,000 of realizing pain. twelve months.

A spectator in a Japanese theatre, on payment of a small extra fee, is overseer's house to keep a look-out permitted to stand up; and the person behind him cannot object, The crack infantry regiment of | though the latter's view of the per-

to the national diet.

good livelihood in Japan. In Tokio cyclists, and in many other cases it alone 600 of them ply their trade, would be most desirable. provided with a small table, a fan, and a paper rapper to illustrate and emphasise the points of their tailes.

Before the Westernising of the Japanese war department, a battle was frequently decided by personal encounter between the two commanders, the retainers on each side giving their chiefs encouragement only.

are safe-guarded by the simple precaution of hanging labels round their necks which tell their names and addresses.

An evidence of the striking uni formity of size among the Japanese is found in the fact that recent measurements taken of an infantry regi-The real power in Russia is Pobye- ment show no variation exceeding two inches in height or twenty

In the public schools of Japan the English language is required to be and employment.

of one general shape and two storeys it a favor if he would bear him in and if the portion of flesh I pinched curious method of mortising, at quiring them. He also suggests that he not feel it? The reason is that which these people are adepts, not the Academy of Science and the Fac- the paralyzed nerves are incapable of nineteen in chorus. one nail being used throughout the ulty of Medicine might find use for transmitting any impulse to the

construction of the whole building. football into the Land of the Chry- script to the effect that the charges at once interpret the message, and santhemum, and amuses himself by for parts of his anatomy will be conclude that the effect was one playing an amateur game in his private grounds with some of his friends, most of whom are not so

fond of it. Every Japanese barrack has The period of service for Russian gymnasium, and the Japanese soldor three others.

IMPRISONED FOR IGNORANCE

Man Did Not Know Greek and Was Committed. The Federal Government of Austra-

lia finds itself in an awkward position as the result of an extraordinary application of the language test under the Commonwealth Alien Restriction Act.

A man named Stelling, first mate of a vessel, was sentenced to a term of imprisonment for smuggling, and on his release was informed that he must pass an European language test Japanese officers direct their or otherwise be liable to punishment troops by means of a code of whistl- as a prohibited emigrant. He is the son of a German doctor and an Egy-

The authorities insisted that should be examined in Greek, which language he is ignorant, and his failure brought him another sentence of six months' imprisonment as a prohibited immigrant unlawful-

ly in the country. It was officially explained that Greek was selected because Greece the nearest European country to Egypt, where Stelling was born. The man appealed against the sentence, and Justice Pring, of Sydney, granted a rule nisi for a habeas corpus on

Mr. Deakin, the Prime Minister, thereupon issued a warrant for Stell-Japanese spies have been working ing's immediate release from custody, among the Chinese laborers in the expecting that the latter would depart on Saturday in the outgoing Every workmen in Japan wears on German steamer. Stelling, however, his cap and on his back an inscrip- declines to leave the country, and tion giving his business and his em- has instructed his solicitors to issue a writ claiming £1,000 damages instrument; but the electrical impul- quarters; the brain receiving, inter-The principal garments of the against the Commonwealth for false ses, on reaching their destination, re- preting, and judging of the messages, Japanese infantry regiments are imprisonment. Public sympathy is

By the Commonwealth Immigration Restriction Act of 1901, which following persons, among others, are comes the slave of her spouse's par- prohibited from landing in Australia: "Any person who, when asked to do so by an officer, fails to write out at dictation and sign in the presence of the officer a passage of fifty words in length in a European language directed by the officer."

NEW PORTABLE PHONE

on Active Service.

The latest Swedish invention which is being discussed is a portable telephone. The specimens which have

Within the cylinder of the tele- its position on your foot. The statephone is a small dry cell, the whole ment you make in either case would apparatus (including both mouth- le a correct one, because it exactly piece and earpiece) being small represents your own idea of the mateach instrument is a coil of thin strictly accurate, because neither fincopper wire, and it is reckoned that ger nor foot is conscious or capable feet of this with him.

The uses suggested for the portable telephone are innumerable, mili- My one-footed friend unquestionabtary considerations being specially ly felt pain, but he wrongly describ-Public story-tellers still earn a great public works, for steamers, for

EARS AND NOSES FOR SALE.

You May Now Buy Any Part of a Man's Body.

ing of an ear in the United States. It altered state of things. In Japan, small children of the is the case of an old man of 60, the On reflection, I think it will be bitter end. The twentieth had been poor, who have the gift of straying finger of whose right hand was bitten seen that the brain alone possesses interviewed by the clerk. and no nurses to look after them, off by a pig. In company with a the conscious faculty; other parts of friend and the finger the man walked the body may be alive and active, but charged?" demanded the judge, with six miles to a doctor's house, where they are as devoid of consciousness as a propitious smile. after hunting in all his pockets the a marble statue. This wonderful orfriend produced the finger, covered gan has the power of interpreting all ty prisoner. with tobacco dust. In spite of the the sensory impulses that reach it: fact that the finger had been off consequently it is perfectly competent about two hours it was fixed in place to distinguish the difference between fancy I can let you off with a week." again and stump and finger have a pin-prick and a kiss. Both acts grown together nicely.

so seems to have aroused a spirit of spective nerves; but only there can it other defendants. Why, none of them emulation in France, where a be possible to decide which of the expected to get off with less than five taught by law. The Japanese youths Frenchman has written to the French two has an agreeable flavor, and years in limbo. Here was a chance in the open ports and commercial surgeon, Guillaume Livet, offering his which is of the nature of pain. cities are all eager to learn English ears, nose and pieces of his skin for If I pinch the leg of a man whose mood. One and all manifested an as a passport to wealth, position, grafting purposes. In case Dr. Livet nerves are paralyzed, he does not feel carnest desire to follow the example does not need them in his own prac- anything; and if not, why not? I of their comrade and acknowledged Most of the Japanese houses are tice the correspondent would esteem have in cited an injury on the leg. their crimes at once. high. They are put together by a mind in the event of a colleague re- were the seat of the pain, why does manded the judge, eagerly. parts of a living body. "If so, please brain. If it were otherwise the apiece!" exclaimed the judge, with a The Emperor of Japan is an ath- let me know and I will be most man's brain would receive a message click of his jaw. "Jerry, is the man lete in his way; he has introduced grateful," he says. He adds a post- from the locality of the pinch, would saddled yet?" "moderate at first." Indeed, it is pain. only natural to suppose that the MECHANISM OF THE TONGUE. pieces of him.

> Wine either improves with age or turns to vinegar-and it's much the same with people,

A MEDICAL MAN SAYS IT IS IN THE BRAIN.

Nerves Are the Telegraph-wires Which Convey Impulses to That Organ.

I well remember a man being brought into hospital, having had his right foot badly crushed by the wheel of a heavy waggon, writes al days after the operation, on go-

foot. accurately represent the facts There brain. was no reason to doubt he spoke truthfully, and actually realized the pain he described; but it certainly could not have arisen from the amputated foot, for this had been decently buried.

CUT FINGERS DO NOT HURT.

Where, then, is the seat of pain? system serve to convey the messages themselves are quite unconscious of own orders for local action. the passing message, although they Let us trace out the example of the are capable of being electrified at accidental prick of a finger. It is any part of their course. To cut off a hundred to one, on receipt of the twenty or fifty miles, and transmit injury, that the afflicted member the message over the shortened dis- finds its way to the mouth, in search tance, would in no way affect the of comfort in distress. What happenmessage itself, and the receiver would ed the instant the prick was received be ignorant of the change unless he is as much beyond our ken as the were informed by the sender.

nerves of the body. They play the ously passed up to the brain, and part of telegraph-wires, and convey was pronounced to be unpleasant; and impulses to the brain. They are no the centre which controls that finger more conscious of the passing im- sent down a "motor" impulse to Will be of Great Service to Forces pulse than are the wires which con- withdraw it from the source of injury vey the telegraphic message, and cur- and to soothe it by the warmth and tailment of the one is practically the moisture of the mouth. same thing as shortening the other.

The lower classes of the Japanese sian, Greek and Turkish experts, ly you point to the seat of the in- alized the sensation. When a Japanese woman of the and the United States, those from terture, miscal'ed "a corn." On in- lizing sensation. at this spot or that, according to

TELEGRAPHING THE BRAIN.

kept to the front. Outposts, it is ed the seat of the sensation. He redeclared, could by its aid keep in ferred it to the foot, as you might a joyous pair they made. constant communication with the refer me to your cut finger or the main force, and it is pointed out protuberant corn. The impulses one fine morning, "there's a meet to-The Japanese eat more fish than that it would furnish a valuable which reached the sensorium of his day at Ballykilmulligan, and they've any other people in the world. With means of keeping in touch with brain travelled upwards by the iden- a fine dog-fox." A woman in Russia, until the day them meat-eating is a foreign inno- headquarters for police and fire tical nerves which had carried similar is under the absolute sway of her er to those rich people who prefer it carriages on a moving train, for en- present and intact. The cut ends gineers at work underground or on of those nerves, which formerly were continued into the foot, were now the operation and the consequent plead guilty without a jury trial-me healing processes. In this state they to let him off with a week in jail?" would be conveying impulses up to the brain, just as they had previously borne them from the foot. When these impulses reached headquarters, The British Medical Journal prints it was natural to concluded they had ry to saddle the mare meanwhile." a story which competes handsomely arisen in the foot, as usual, the brain with the recent account of the graft- not having grown accustomed to the

The American ear grafting story al- transmitted to the brain by the re-

mouth. The tongue, it is true, has a me- are buried with the elephant.

chaoism peculiar to itself, by means of which it can communicate impulses to the brain, in accordance with the nature of substances in contact with it: but there alone is it realized that the effect of the one is bitter, and of the other is sweet.

Place some substance in your hand, and try to judge of its weight in so many ounces. Where is the opinion formed? Certainly not in your hand! Hold your foot towards the fire, and

say what you feel. When you state that you realize Joseph Cater, M. D., in London Ar- heat, you do not wish me to underswers. We had to amputate. Sever- stand that your foot has formed this definite opinion. In both cases the ing through the ward, I inquired of nerves received a "stimulus"-the one ter the patient's welfare. He assur- being that of weight, the other that ed me he was getting on nicely, but of heat-and a message was desfor the pain he felt in his injured patched accordingly to headquarters, where the judgment was pronounced. Now, by this time he literally had If the weight had been too heavy, or "one foot in the grave;" therefore the fire heat too great, the brain what could the man mean when he would have promptly sent its orders declared that his injured for still by "motor" impulses to drop the cadsed him pain? Were I to make one, and withdraw from the other. answer on his behalf, I should say We hear sounds by means of the authat he meant exactly what he had ditory nerve fibres conveying imsaid, although his statement aid not pressions to a certain centre in the

BRAIN GIVES VERDICTS.

The same kind of thing occurs with regard to sight. The optic nerve carries impulses from the retina to the centre for vision, so that, speaking literally, only in the brain do we really see. In short, the whole nervous system is one of telegraphy, The miles of wire in a telegraphic as it were, all impressions from every part of the body being transmitfrom a transmitting to a terminal ted directly or indirectly to headthe mysterious signs. The wires and, when necessary, despatches its

message running along the telegraph-A similar thing may be said of the wire. A communication instantane-

The finger itself was not conscious; Now, let me suppose you have cut it could not feel pain, although this been sent abroad have elicited un- your finger, and sympathetic inquir- is what everybody would naturally stinted praise from Austrian, Rus- ers ask where you feel hurt. Natural- suppose. It was the brain which re-

To return to the question, "Where new 'phone have come from France, of the unhappy beings doomed to that it can only be in the brain, Germany, Italy, Spain, Portugal, walk the earth with an instrument of This organ alone is capable of rea-

A MISTAKEN INFERENCE.

Of all the "hunting judges," 'sporting parsons," and other professional men of the last generation who loved the field and the cry of the hounds above any indoor duty, one of the best known was a certain Irish jurist who inspires reminiscences published in the People's Friend, of Dundee, Scotland. During the Fenian times he had a clerk who was like-minded, says the contributor, and

"Yer honor," whispered the clerk,

"How many's in the dock?" asked the judge, excitedly.

"Twenty, for rioting and breach of peace, yer honor." "Tim," said the judge, "do you in a state of "irritation," owing to think you can get the first fellow to

The easiest thing in the world,"

answered the faithful clerk. "Make haste, then, and bring the whole gang, and I say, Tim, tell Jer-The twenty Fenians were brought into court—nineteen of them prepared to fight with counsel and jury to the

"Guilty or not guilty of the crimes

"Guilty, yer honor," said the craf-"Well," said, the judge, glancing benevolently about the room, "I The man thanked the judge, and give rise to impulses, and these are stepped down to the bailiff. There was a terrific sensation among the to profit by his honor's pleasant

"Do you all plead guilty?" de-

"We do!" shouted the enthusiastic "Fourteen years' transportation

SIAM'S SACRED ELEPHANTS.

Curious ceremonies are witnessed in Siam when one of the sacred prices will advance proportionately to | We take other evidence. You place | white elephants dies. It is given a the reduction of his person. He al- sugar in your mouth, and say it is funeral grander than that accorded so says that special arrangements sweet; or the juice of a lemon, and to princes of Royal blood. Buddhist may be made for the poor who need pronounce it sour. It can scarcely priests officiate, and thousands of te said that the tongue passes judg- devout Siamese men and women folment, for no intelligent conscious- low the deceased animal to the ness resides in any part of the grave. Jewels and offerings representing some thousands of pounds