

THE THINKING HORSE.

The Story of Its Training Fully Told.

NOW THERE IS A CHANCE FOR THE OWNERS OF INTELLIGENT HORSE TO MAKE EXPERIMENTS WITH THEM.

The story of the wonderful thinking horse Hans, in Germany, is told in full in the May McClure's. His owner has spent four years in his horse's education, working eighteen hours a day on his equine pupil, using the same processes that are applied to the young children in the Prussian schools.

Edward C. Heyn, who writes about Hans, made his acquaintance formally in Berlin.

"On the day I first saw Hans," he says, "I was formally presented to him, the Baron leading him up to me and saying distinctly:

"Hans, this is Mr. Heyn." "Very happy to meet you," said I, but a glance at the grave face of the Baron assured me that it was no joke to him. Consequently I did not doff my hat as intended.

Twenty-four hours later I saw the beast again, and on that occasion the Baron called the class in spelling. A large blackboard on which was drawn an alphabetical and numerical chart was placed before the horse.

"Will you be so good," said the Baron to me—without mentioning my name, mind you—as to approach the horse?" I did so.

"Now Hans," said the Baron, "what is this gentleman's name?"

Hans stamped once, and then, after a pause of four times, at the intersection of the first vertical and the fourth horizontal lines was written the letter 'H.' By the same methods the stallion went on, without hesitation, to indicate the letters 'e,' 'i' and 'n.' This was, sure enough, my name, and substitution of 'i' for 'y' being explained by the statement that Hans had been brought up to spell phonetically.

Hans' preceptor, Baron von Osten, rejects all hypothesis involving training, suggestion, hypnotism, telepathy and so on. He will have it that Hans thinks, independently and for himself.

To indicate numbers the animal stamps his forefoot once for each unit. When he wishes to say "yes," he turns his head to the right. A similar movement to the left indicates a negative.

"Now," said the Baron addressing the stallion, "four multiplied by four equals seventeen, doesn't it?"

But Hans was not to be deceived. He stamped sixteen times—no more and no less.

"What is the Kaiser's birthday?" demanded the Baron. (It is Jan. 27.)

Hans stamped 27 times.

"What month?" inquired the Baron pleasantly.

Hans stamped once and got a carrot.

"Now Hans," went on his instructor, "how much must be added to twenty-three to make it twenty-seven?"

Hans stamped four times unerringly.

"What day of the month is it?" Hans announced by his usual method that it was the twenty-ninth.

It was.

Hans occasionally does something which, at the time, seems positively startling. For example, Mr. Heyn was present once when the Baron, indicating one member of the group of spectators inquired:

"How many fingers has this gentleman on his right hand?"

"Four," said Hans, and everybody looked pained for the error. But Hans was right, as usual. The man had actually lost one finger in an accident.

"I began the education of Hans," said the Baron, "by holding up before him red-and-white balls arranged on a wire frame—a contrivance familiar to all teachers in the primary schools—by means of which he was taught to stamp once for one ball, twice for two balls, and so on.

"After that I taught him to recognize the signs that stood for the numbers, for which purpose I used figures cut out of zinc. The alphabet he learned by being shown the several letters written large and at the same time repeatedly pronounced by myself, and the sounds of numbers in the same way.

"Later on I taught him to recognize whole words by means of the letters composing them, care being taken to select only words spelled phonetically. Objects for which these words stood were shown him as I pronounced the words, so that he gradually came to identify the words with the objects.

"Then came the more difficult process of teaching the stallion to express the impressions made upon his mind. To do this I would ask him, for example, 'How much is four plus three?' writing 4 x 3 on the blackboard. Then I would say 'four,' and raise his forefoot four times. Then I would say 'three' and raise it three more times, immediately announcing the result, 'seven,' and raising his forefoot seven times.

"In the same way he was taught to understand the value of four minus three, and so on through the list. Of course, all this required an amount of patience almost inconceivable, and there were many disappointments, but his intelligence grew and grew until it reached the development that made the world hear of it."

possibility of developing a trade with Canada, but says that no Canadian traveller has for some time visited Australia to secure business. Constant attention is needed to secure and hold the trade. There is a demand for No. 1 hard Manitoba wheat for seed, but efforts to get it have been unsuccessful. Apples are being shipped from Victoria to British Columbia.

CONSUMPTION BEGINS WITH A COUGH.

The cough racks and tears the tender tissues of the throat. Inflammation supervenes and then serious bronchial or lung trouble is established. The important time is at the beginning. Stay the progress of the cough by using fragrant, healing Catarrhazone which reaches every part of the bronchial tubes, throat and lungs. Catarrhazone destroys disease germs, stops the cough, heals sore spots, clears the nose and throat of discharge. Catarrhazone soothes, never irritates. Guaranteed for every form of catarrh. For lasting cure use Catarrhazone. Two months' treatment \$1.00; trial size 25c.

JUSTICE KISSES THE BRIDE.

Couldn't Help It, He Said—He Used to Carry Her Books to School.

New York, April 26.—Justice Jas. F. McLaughlin was holding court in Jamaica, L. I., yesterday when a clerk stepped quietly and whispered in his ear. Justice McLaughlin descended from the bench and entered his chambers. There awaiting him were a couple who desired to be married. As he entered the room Justice McLaughlin recognized the bride as an acquaintance of his school days. He said they were very good friends when he carried her books to school twenty-five years ago.

"Why, Akele! Is it you?" said Justice McLaughlin shaking hands.

"We thought we would like to have you marry us," she said.

After introductions were over the ceremony was performed. The bride was Mrs. Adele Kumpf, a widow, whose father was Francis Raymond. The bridegroom, Marshall J. Harlan is assistant superintendent of a factory in Woodhaven.

After the ceremony, as Justice McLaughlin stepped forward to salute the bride, Harlan slipped an envelope into his hand. But the justice passed it to the bride as he kissed her.

"There, I've broken my record," said Justice McLaughlin. "I make it a rule never to kiss brides when I marry them, but who could have helped it under such romantic circumstances?"

A NOTED HORSEMAN'S EXPERIENCE.

Mr. Antoine Wendling, owner of Deveras 2114, and proprietor of the Clifton House, Brockville, says no liniment compares with Nerviline for general use around the stable. For strains, sprains, swellings, internal pains and especially for affections of the whirl bone Nerviline is unequalled. Mr. Wendling believes Nerviline is indispensable as a horse liniment; it has strength, penetrating power and works thoroughly. Every horse and stock owner should use Nerviline. Sold in large 25c. bottles.

FIGHT FOR \$7,800,000 ESTATE.

Will of Mrs. Lisette Schandain Contested by Two of Her Children.

Milwaukee, Wis., April 26.—Objections to probating the will of Mrs. Lisette Schandain of the Pabst-Best families of brewers were made this morning in the probate court by Emil Schandain, son of Mrs. Louis F. Frank, daughter, on the allegations that their mother was unduly influenced by Jacob Heyl, their brother-in-law. By the terms of the will the objecting children receive the income on an estate worth about \$800,000, while to the other daughter, wife of Mr. Heyl, absolute possession of the bulk of the estate, worth about \$7,000,000, is given.

It is asserted that the document purporting to be the will of Mrs. Schandain was not executed by her as her will, or that if it was executed it was procured by fraud and duress and undue influence of Mr. Heyl, who is named executor.

Mrs. Schandain and Mrs. Frank allege that their brother-in-law is not a fit and suitable person to act as executor and trustee. They ask that a special administrator be appointed to collect the rents and profits of the estate pending disposition of the proceedings raised by the objections.

FINE LIFE OF A SOLDIER.

Taste the Adventures and Freedom of the Colonies.

London, April 26.—The Morning Standard, in giving details of the enlistment in the Canadian army, describes it as a tempting service. The demand for recruits, consequent on the taking up of the defence of Halifax and Esquimaux, it says, offers an exceptional opportunity to healthy young Englishmen with a spice of adventure in their patriotism and some of the desire for the freedom of colonial life. Apart from anything else, if not looked upon in the light of a career, it affords a remarkably good chance of settling permanently in a magnificent colony with none of the usual risk of hard times or lack of suitable occupation for the newcomer.

EVERY LADY SHOULD KNOW

That Ferrozone removes all the causes that interfere with the proper discharge of all womanly functions; it corrects irregularities and is especially good for women who are nervous and subject to headache, lame back, bearing-down pains, despondency and tiredness. Ferrozone is a blood builder and purifier and can't be excelled for the complexion. For your good looks and health use Ferrozone. Price 50c. per box at druggists.

A NEW CONSTITUTION.

Transvaal Given a Measure of Self Government.

London, April 26.—The draft of the new Transvaal constitution has been issued. It provides for a legislature assembly consisting of the lieutenant governor, six to nine official members, and thirty to thirty-five elected members.

Every burgher of the late South African republic is entitled to vote or members of the first volksted (assembly) as well as all white males of British birth occupying premises at an annual rental of not less than \$50, or having capital to the value of \$500, unless convicted of treason since May 31, 1902, or of murder, unless they have obtained a free pardon.

Financial measures must be recommended to the assembly by the governor, and no part of the revenue may be appropriated without authority.

In a communication to Lieutenant Governor Layley, Colonial Secretary Lyttleton says that the time is not yet ripe to grant full self government. The latter involves party government, and this in the Transvaal will become more practicable when the two races have acted longer together under equal rights of citizenship, and when bitter memories have become softened by time.

Secretary Lyttleton explains that similar constitutional changes cannot be extended to the Orange River Colony immediately, because the industrial and economic conditions there do not so urgently demand them.

A DEATH FROM HEART DISEASE.

Overtakes Those Who Neglect Their Weak Heart and Tired Nerves.

FERROZONE

Is the One Sure Heart Tonic that Always Cures.

An attack is liable to come at any time from over-exertion, excitement or emotion.

If blood rushes to your head and palpitation and shortness of breath are noticeable, there's great cause for alarm.

A. F. Beattie of the Allen Hotel, Bay City, Mich., was cured of heart disease by Ferrozone. See if your case is similar to his:

The Symptoms.

Nervousness Palpitation Trembling Dizziness Sinking Feeling Heart Pains Short Breath Weakness

Mr. Beattie says:

"I was weak and miserable. I was subject to heart palpitation and dizziness.

"As I grew worse I began to have trembling and sinking sensations. Ferrozone strengthened my heart, gave vigor to my nerves, soon made me well. It's a great builder."

The one medicine for the people with weak heart and poor nerves is Ferrozone, 50c. a box or six for \$2.50, at all dealers in medicine, or Polson & Co., Hartford, Conn., U. S. A., and Kingston, Ont.

NASHWAAK VILLAGE.

April 25.—On Easter Sunday a large congregation gathered at the Baptist church at both morning and evening services. In the forenoon the pastor, Rev. C. W. Sabes, preached an Easter sermon from the text Matt. 28, 6, and at the close of the service the congregation gathered at the river to witness the ordinance of baptism, administered to twelve candidates. In the evening the members of the Sunday School, assisted by the choir, gave a very interesting Easter Concert, the programme consisting of recitations and singing. Mr. Bertrand Goodspeed, the superintendent of the school, presided at the evening service. At the close the pastor received thirteen into Church Fellowship.

Frightful

Dreams.

Dull Headaches.

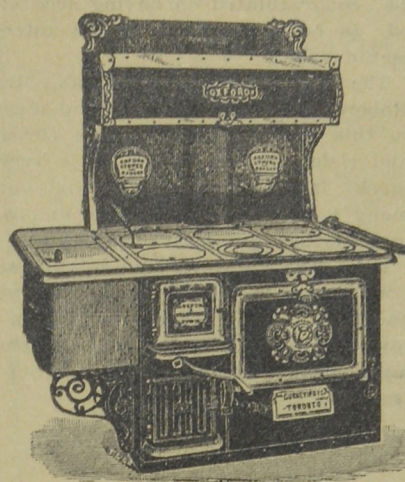
TERRIBLE PAINS AND A FREQUENT DESIRE TO URINATE. Such were the troubles of Mr. Joseph Leland, Alma N.W.T. He happily found relief in

DOAN'S KIDNEY PILLS.

Here is what he says:—"I was troubled with dull headaches, had frightful dreams, terrible pains in my legs, and a frequent desire to urinate. Noticing Doan's Kidney Pills recommended for kidney trouble, I decided to give them a trial. I procured a box, and was very much surprised at the effectual cure they made. I take a great deal of pleasure in recommending them to all kidney trouble sufferers."

Doan's Kidney Pills help the kidneys to drain off the poisonous impurities which have collected, thus cleansing out the kidneys, bladder, and all the urinary passages. They correct inability to hold the urine, and thus obviate the necessity of getting up many times at night to urinate. Their good results will be immediately felt in all cases of kidney trouble.

Price 50 cents per box, or 3 for \$1.25. At all dealers, or will be mailed direct, on receipt of price, by THE DOAN KIDNEY PILL CO., TORONTO, ONT.



The Woman Who Cooks

Knows a good Stove and is satisfied with none but the best. She deserves the best. An

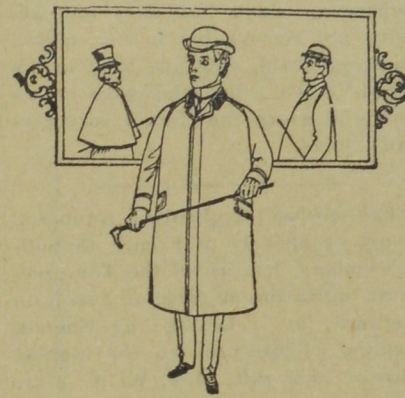
Oxford Chancellor Steel Range

Will fill the bill, and is as far ahead of an ordinary cooking stove as an electric light is superior to a tallow candle. Sold only by

JAMES S. NEILL,
THE BIG HARDWARE STORE.

GREAT VALUE

Is to be seen in every garment we make, but it is especially noticeable in our



Fall & Winter Overcoats

MADE TO ORDER.

Why not call and have a talk about the matter. We can give you some interesting points. You may want a Suit to order. If such is the case we are ready with a splendid line of Fall and Winter Materials.

Would also like to quote you prices for a stylish Fur-lined Coat.

JAS. R. HOWIE, 150 Queen St.

TROUSERINGS.

The new Spring Fashion Plates are here. A fashionable line of Trouserings just received. Also a number of

FANCY VESTINGS

In white and mixed colors. Every pattern up-to-date in style.

W. E. SEERY, 226 Queen St.

JUST OUT!

BRITISH COLUMBIA ILLUSTRATED

Containing 14 pages, up-to-date in everything. Size 12x15

Illustrating the Boundless Resources of

The Richest Province in the British Empire

Its coal, oil, and timber; its fisheries on sea, lake and river; its mineral and agricultural resources; its cities and towns; its river, lake and mountain scenery, especially illustrating its great mining development, with views of all the principal mines, mills, smelters, etc.

Sent Post-Free on receipt of price, \$1.00

Address, **JAMES LAWLER, Rossland, B. C.**

The largest advertiser in and for British Columbia and author of "Millions Made in Mines," "Press Clippings and Valuable Information," "A Gift in Clouds." For B. C., &c., &c.

BEST BUY IN GREATEST GOLD
B. C., CANADA, AT DISCOVERY OF THE
15 CENTS AGE IS IN B. C.

The Big Four

Consolidated Gold Mines, Limited.

Capital \$625,000, of which 35 per cent. in shares is now in our Treasury. Shares Fully paid and non-assessable.

Mines directly west of the LeRoi and LeRoi No. 2, War Eagle and Centre Star, four of the largest gold-copper mines in the world, all of which have paid large dividends. Same identical ore and veins now in sight on the BIG FOUR. Large ore bodies. Assays from \$5 to \$800 in gold, copper, etc. Very rich display as now on exhibit in the city ore exhibit, causing wide comment. We have nearly two miles of railway on Big Four property with water and timber in abundance. Rossland ore shipments for 1902, 350,000 tons. Shipped for 1903, about 400,000 tons. 1904 about 400,000 tons. Total value of Rossland ores mined, \$81,000,000.

Rossland's large ore bodies are a great success with the concentration system of ore reduction. \$3.00 ore now pays to mine as now proved by the latest reports and dividends. No less than 100 shares sold. Shares can be had on installment plan, payments monthly. Twenty per cent. cash, balance within a year. Company has no debts or liabilities and a full force of men now working. References—The Hon. Mayor, Gold Commissioner, postmaster, or any bank or business man in city. There is a tide in the affairs of men which taken at the flood, lead on to fortune. Omitted, all the voyage of their life Is bound in shallows and in miseries.

Please Note Price at
15 CENTS PER SHARE
For One Month.

Any amount less than \$100 send post office or express money order; over this amount, by draft to Secretary
Big Four Consolidated Gold Mines, Ltd., Rossland, B. C., Canada.

Order Blanks and our most comprehensive and complete Illustrated Prospectus showing all Rossland mines and giving valuable information, with Maps and Reports from Mining engineers, sent only to investors or those desiring to invest. Sent free on receipt of 10 cents in stamps for postage.

TRADE OPENINGS IN AUSTRALASIA.

Canadian Agents Report on Prospects for Canadian Business.

Ottawa, April 24.—The Department of Trade and Commerce has received from the High Commissioner in London a copy of a Government bill now before the British Parliament for the establishment of a bureau of a ministry of commerce. The department will take over some of the duties now performed by the British Board of Trade and will be somewhat on the lines of Canadian Trade of Commerce Department. The United States followed the example of Canada some years ago by the establishment of the Department of Commerce and Labor.

The Canadian Commercial agent at Melbourne, Mr. D. H. Ross, reports that the Australian dairymen are closing out the most successful year

of their history. The butter exports amount to 23,000 tons. Australian sheep raisers are looking for low grade fish oil. The Australian wholesale dry goods houses prefer the patterns of Canadian cotton prints to those of Manchester. Mr. Ross reports the stocks of these goods now in Australia at the present time and says heavy orders will soon be placed. It is not unusual for orders of thirty or forty thousand to be placed if the prices are right.

A Canadian agent for the cotton companies is reported to be needed to secure the trade. Mr. Ross says that a large number of Victoria farmers are selling out and going to British Columbia and Alberta. As these men have both capital and experience in large farming operations, they will be an acquisition for Canada.

Mr. J. C. Larke, Canadian commercial agent at Sydney, reports the