TOOTH BRUSH REFORM,

As viewed by the "Scientific American.



onforms to all surfaces of the teeth, thorough cleansing and polishing them without undue ciction and without injuring the gums."

Dr. W. Geo Beers, L.D.S., of Montreal, crites:—"It ought to be a luxury as well as a simulant to use the Felt Brush constructed as is, and I believe that with that and the floss is, and I believe that with that and the floss is the teeth, nothing better can be

For sale by all druggists. At wholesn'e by man, Knox & Co., Montreal. Manufactured Horsey Manufacturing Co., Utica. N.Y.





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INTING - AND - PAPERING ruce up-don,t be a clam-and don't wait. he great spring rush is on. AN ELEGANT LINE OF HANGINGS

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stylish stock in Eastern Optuio. ve us a call and look over our stock. SINSON'S WALL PAPER DEPOT

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There Is Nothing Like It in the Whole World.

ARE TRAINED.

The Immense Training Farm Near Cheyenne, Wy. T., Which Covers 120,000 Acres of Land, with a Capacity for 5.000 Head-How It Is Managed.

The largest stock farm in the world lies thirteen miles north of Cheyenne, Wy. T. | and clean. The various foremen occupy The stockholders of the Post Percheron horse ranch have invested some \$1,225,000 in 120,-000 acres of land thereon. It takes over 200 miles of barb wire fence to inclose this property, and the services of sixty-five men are required to take care of the 5,000 head of horses now on the ranch. Wyoming is famous as a horse raising territory, and the Brooklyn, Pittsburg and territorial capitalists who own this property have a bonanza

whose value is constantly increasing. Few people, says The St. Louis Globe-Democrat, have any idea of the vastness of such a horse ranch as this. After you enter the wate to the home ranch it is three miles to | fair last fall loose in an inclosure. The spirat all bad for a Wyoming lawn. From the home ranch to the fifth outpost is nine miles. So large, indeed, is the ranch that bunches of horses have been lost for weeks at a time within this vast corral. Only 2,000 acres of the immense tract are under cultivation. This task, together with the storing of water in a chain of eight artificial lakes, requires the maintenance of nine miles of ditches and the necessary laterals.

There are 1,500 Oregon mares and 1,000 Canadian and Eastern mares on the ranch. The remainder of the stock is Wyoming



During althe entire year breeding animals and the saddle horses used by the men feed entirely upon They are always in prime ondition.

prises forty-nine imported stallions of royal lineage. Forty-seven of them are full blooded Percherons and their pedi-

grees are accompanied by certificates of genuineness from the French government, under the seal of the republic. Two stallions are the highest bred coachers from France. Each member of the stud is a prize winner, and several are historical animals. Six of the get of Brilliant, the horse reproduced on canvas by Rosa Bonheur as the most perfect representative of the equine kingdom, occupy box stalls in the home ranch stable. It was from this place that an absolutely wild horse—a beautiful and symmetrical savage-was exported to Miss Bonheur two years ago. It required the concerted efforts of nine experienced men to drive the horse from the range to the rail-

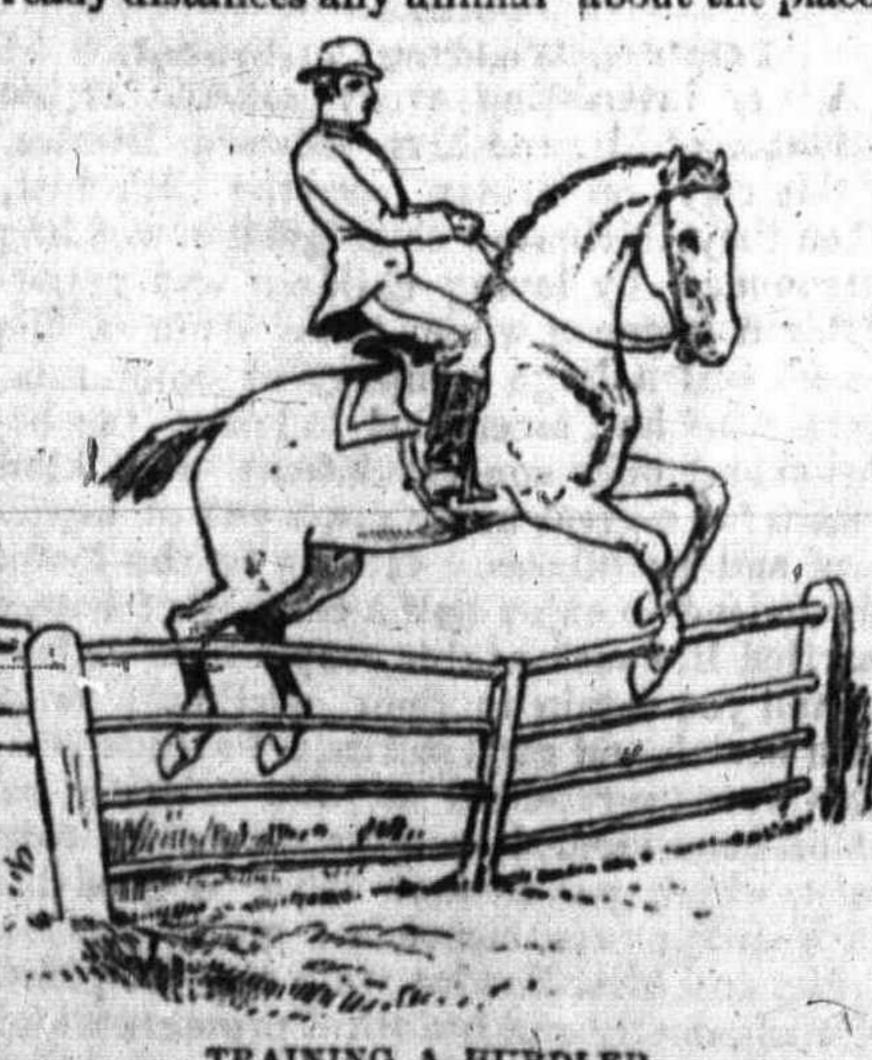
The manager of the ranch is Mr. William H. Force. When he assumed control three years ago the practical rangemen hooted at his innovations, and predictions that he would wreck the company were freely made. Mr. Force worked quietly along, stopped leakages, reorganized the working service, NAMEL WARE | systematized everything, constructed barns and buildings, and horrified territorial horseand buildings, and horrified territorial horsemen by breeding entirely by hand instead of allowing the stallions to roam at will on the ranges. He has been very successful, however, producing 50 per cent. more colts from a given number of mares than any of his predecessors,



LADY WOODSTOCK (TERRITORIAL BRED). The most interesting department of this great plant is the one in which horses are broken to saddle and harness. Operations here are conducted under the direct superintendence of Mr. Force, with Charley Hall, a bronco breaker of considerable note, as foreman. Four men are constantly engaged in taming semi-wild animals. Each man breaks four saddle horses every hour, and work horses are trained in much less time. The horses are driven into a chute and saddled or harnessed. Then the fun commences.

Fine mile and a half tracks have been made near the home ranch, and animals showing evidence of speed are placed under the race saddle or in the sulky. Hurdles have been built, and some prize jumpers have been sent to New York from this ranch. At the Territorial Fair at Cheyenne last fall racers from this ranch captured several events in the speed ring, while all their enwater Closet, Sink, Force and Lift tries in the show ring were ornamented with s, Rubber Hose and Brass Goods. blue ribbons.

One of the handsomest horses on the ranch is thoroughbred Biloxi, by the noted sire of the same name. He is a 2-year-old, and already distances any animal about the place.



TRAINING A HURDLER, On this ranch is a pen of pedigree hogs and a kennel of dogs from imported stock. The pets about the place are half a dozen motherless colts, an elk, three antelopes, native mocking birds and a pair of large eagles. These latter birds were exptured after gorging themselves with the remains of

a horse. They were unable to rise from the ground, and were run down by horsemen.

anch are unexcelled in the west. The manager's quarters are splendidly furnished. Here is the central office for a telephone system connecting the five ranches with each other and the city. A large refrigerator constantly contains a supply of fresh meat, and a stone ice house, with a capacity of forty-five tons, assists the men in keeping

In the library is a selection of works on the horse, which could be duplicated only at vast trouble and immense cost. It contains all American, French and English stud books and numerous rare volumes, among them two English publications issued 107 years ago. In the ranch parlors are an organ, a piano and several string instruments.

The bunk house for the help is commodious private apartments, while the remainder of the employes have iron cots in one large

The stables have a capacity of 350 head, with a large box stall for each of the blooded

One pleasing and quite remarkable feature of the ranch is the gentleness of the horses. The stallions are loose in the spacious box stalls, and even strangers may enter and caress the animals without fear. For the delectation of the visitors Mr. Force turned Clemenceau, the magnificent coacher which attracted so much attention at the territorial about like a dog.

PITTSBURG'S NEW PITCHER.

Peculiar Delivery.

Philip Knell, the recently signed pitcher of the Pittsburg League club, was born in San Francisco twenty-three years ago, although in appearance he looks more like a

youth of 19 or 20, He is light complexioned, stands 5 feet 714 inches high, and weighs 154 pounds. He began his professional baseball career on June 19, 1887, when he pitched for Greenwood Moran club, 'Frisco, with which club he has played until signed by



KNELL,

Pittsburg. He is a left handed pitcher, but bats right handed. He has considerably more speed than Van Haltren. Van Haltren, Borchers, Carroll and Morris all speak highly of his work on the coast, and the general opinion of those who have seen him work is that he will be a decided acquisition to the club. He has a very peculiar delivery, especially when there are no men on the bases. He delivers the ball while the hand is away above his head, and with a preliminary bending of his back (much like a contortionist while "bending the crab"), which is laughable to look at. Fields will catch

BASE HITS.

Detroit will release Sutcliffe. Cliff Carroll has signed with the Buffalo

John Irwin has signed with the Wilkesbarre club.

Clarkson has injured a toe and fears that it is broken. The Southern league has admitted four

Texas clubs to membership. Catcher Boyle, of the St. Louis Browns, has been laid off without pay.

Boston paid Salem \$1,500 for the release of Morris and Carroll, of the Pittsburgs, want

to join the New York team. Capt. Anson is said to be after a strapping

big pitcher named Tenor, who, it is said, pitches a wonderful ball. He is a railway clerk at Birmingham, Pa. With the completion of the Chicago's new club house Capt. Anson has issued a general order to his men compelling each and every

one of them to report every morning, barring Sunday, at the ball park at 10 o'clock for practice. The order will be in force, Capt. Anson says, till the end of the season while the team is at home. The reception room is a cozy place. It is finely carpeted, is light and airy, and contains, besides a file of all the leading papers, billiard and pool tables, easy chairs and lounges.

Dave Foutz makes quite a clever first base-

The Indianapolis club is reported to have made overtures for the purchase of Beard, short stop; Higgins, second baseman, and McQuery, first baseman, of the Syracuse

Rodger Connor leads the League in home runs, Johnston in three-base hits and Hardie Richardson in two-base hits.

The salary list of the only club that ever played a season without sustaining defeat was \$9,100, that being the sum paid the Cincinnati Red Stockings in 1869. Ten men copstituted the team. George Wright got \$1,800; Harry Wright, \$1,500; Brainard, pitcher, Gould and Waterman, first and third basemen, \$800 each; Sweasy, second baseman, Allison, catcher, Leonard and McVey, field-

ers, \$700 each; Hurley, substitute, \$600. Johnny Ward's old catcher, Harold Mc-Clure, is a candidate for state senator in New York state.

The Boston management is said to have bought the release of Campana, the heavy batting third baseman of the Manchester

at second for the Brooklyns, who have braced up wonderfully since he bas joined them. President Young, of the National league,

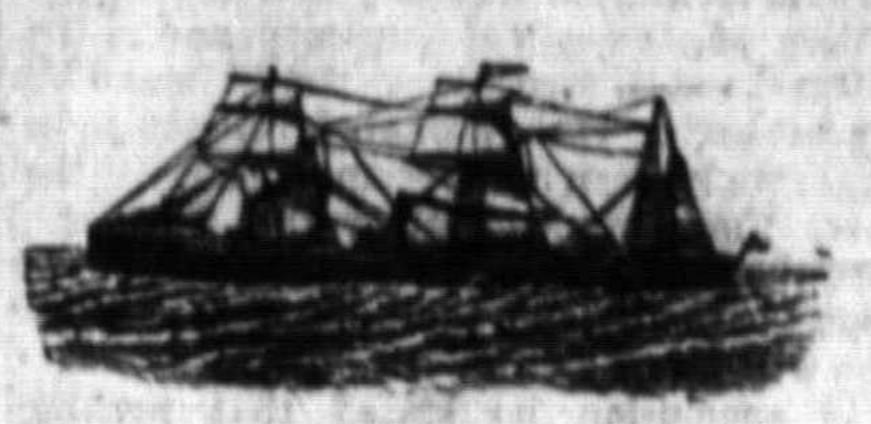
has been in communication with the directors relative to the calling of a special meeting to pass upon certain questions which have arisen since the championship season opened. It is proposed that the meeting shall be held in Atlantic City during the latter part of July. Among the cases to be considered will be the New York-Pittsburg forfeited game, the Philadelphia-Pittsburg protest, Barney Gilligan's claim for salary due from the Washington club while under suspension last season; Sullivan's appeal for a remittal of the fine imposed upon him at Indianapolis for his alleged scrap with Esterbrook, and other matters as come under the jurisdiction of the directors.

Jerry Denny says the only place he can play his game is on the Detroit grounds. The Phillies are thinking of selling Andrews had putting young Sanders in center field.

Detroit is glad to get McGuire again. George Latham is now an umpire in the Pennsylvania Central league.

The whitewash sustained by Zanesville on the Fourth was the first coat that has been put on any team representing that city since 1869. The mayor has issued a proclamation ordering flags at half mast as an expression of, public sor ow over the affair.

TRAVELLING.



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The largest, tastest and most magnificent ships in the world; have never lost a passenger and have made the fastest passages on record. Oldest line in existence.

FAST EXPRESS MAIL SERVICE

SCYTHIA.... Wednesday, July 18th, noon. UMBRIA.... Saturday, July 21st, 3 p.m. AURANIA... . Saturday, July 28th, 9 a.m. GALLIA.... Wednesday, Aug. 1st, noon. ETRURIA. . Saturday, Aug. 4th, 2:30 p.m. SERVIA Saturday, Aug. 11th, 8 a.m. SCYTHIA. . Wednesday, Aug. 15th, 11 a.m. UMBRIA . Saturday, Aug. 18th, 2:30 p.m.

RATES OF PASSAGE:

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Liverpool & Quebec Service. STEAMER. FROM QUEBEC.

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Cabin, \$60.00, \$70.00 and \$80.00 according to accommodation. Servants in Cabin, \$50.00. Intermediate, \$30.00. Steerage, \$20.00. Return Tickets, Cabin, \$110.00, \$130.00, \$150.00. Intermediate, \$60.00. Steerage, \$40.00. Intermediate, \$60.00. Steerage, \$40.00. Also for Characteristics of the commencing of the commenci Passengers taking the Mail Steamer at Montreal will leave Kingston on Tuesday 1:45 p.m., arrive at Montreal Tuesday night, and go at

Passengers taking the Mail Steamer at Que-bec, leave Kingston on the Wednesday 1:45 Passengers taking the Mail Steamer at Rimouski, leave Kingston at 1:25 a.m. Passengers by the Liverpool Direct Steamer, wishing to go on board the Steamer at Mon-

once on board the Ocean Steamer.

treal, leave Kingston at 1:45 p.m., arrive in Montreal Wednesday evening, and go at once on board. Passengers by the Liverpool Direct Steamer, going on board at Quebec, leave Kingston

Thursday at 1:45 p.m. Passengers wishing to pass through the 1,-000 Islands and Rapids of St. Lawrence, can have their tickets read by Richlieau & Ontario Navigation Co. Steamers.

For Tickets and every information apply to THOMAS HANLEY,

World's Ticket Agent, Corner Johnson and Un-tario Streets, GRAND TRUNK CITY PASS'GER STATION

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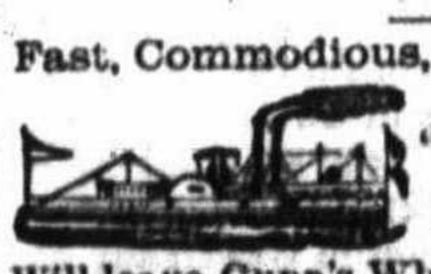
New and Elegant Cars are run on all Express No. 3 Express leaves Kingston at 12:40 p.m Arrives foronto 8:20 p.m.; Ottawa, 5:45 p.m. Montreal, 8:15 p.m.; Quebec, 6:30 a.m.; Ren-

frew, 5:10 p.m.; Pembroke, 7:58 p.m. No. 1 Mixed leaves Kingston 7:30 a.m.; arrives at sharbot Lake 10:00 a.m., and Renfrew 2:45 No. 5 Mixed leaves Kingston at 4:15 p.m. arrives at Sharbot Lake at 7:10 p.m., Thurs

No. 7 Express leaves Kingston at 11:45 p.m., connecting with C.P.R. Night Express Train at Sharbot Lake for all points cast and west. Arrives Ottawa, 5:25 a.m.; Montreal, 8:15 a.m.; Quebec, 2:30 p,m.; Toronto, 7:28 a.m. The only through train service to the North-West and British Columbia, with only one change of cars.

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o'clock sharp. Passenger accommodation unsurpassed. Return tickets at reduced rates. Freight rates as low as the lowest. For tickets and other information apply to A. GUNN & CO.,

John Burdock is putting up a great game | The Bay of Quinte Steamboat Route. Furnished



Will leave Kingston for Picton daily, at 3:30 p.m., sharp, going through to Deseronto and Bellevile Tuesday, Thursday and Saturday The passanger accommodations of this su-

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Steamer "Miramichi" Leaves Montreal on Monday, at 5 p.m. 11th and 25th June, 9th and 23rd July, 6th and 20th August, 3rd and 17th Sept., 1st and 15th. October, for Pictou, N. S., calling at Quebec, Father Point, Gaspe, Perce, Summerside P.E.I., and Charlottetown, P.E.I.

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ger Depot, foot Johnson Street, as follows : No. 1....at 12:20 p.m. | No. 2....at 3:50 p.m. No. 5....at 1:45 p.m. No. 4....at 1:50 a.m. No. 3....at 1:50 a.m. No. 6....at 5:10 a.m. Mixed....at 6:10 a.m. Mixed....at 7:20 a.m.

For rates and general information apply to THOS HANLEY Agent Grand Trunk Railway, corner Johnson and Ontario Streets.

ec, Capt. Nelson | Montreal, Capt. Roy. Quebec, Capt, Nelson JUNE, and until further notice, one calling at Cobourg, Port Hope and Bowman ville (weather permitting) and on THURSDA THE 7th, at 5 a.m. for MONTREAL and QUE BEC, calling at Clayton, Round Island, 1,000 Island Park, Alexandria Bay, Brockville, Prescott, Cornwall and Coteau, passing through the beautiful and romantic scenery of the Lake of the Thousand Islands and the Rapids of the St. Lawrence by daylight.

Return Tickets at Greatly Reduced Rates. Excursion Tickets to the Saguenay, Ports on the Gulf of St. Lawrence, Halifax, Portland, Boston and New York. For Tickets and any other information apply to the undersigned, at the office, foot of John-May 17th, 1888.

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C. H. HATCH, Agent.

days at 8:45 a.m. Tickets 50c. Also for Charlotte, Port of Rochester, Sundays at 8 p.m. Tickets, \$2.50; return, \$3. J. P. GILDERSLEEVE and C. H. HATCH, Ticket Agents. During the week the Norseman leaves Port Hope daily for Rochester at 10 a.m., on arrival of G. T. R. trains from east, west and north. THOS. HANLEY, G. T. R. Ticket Agent.

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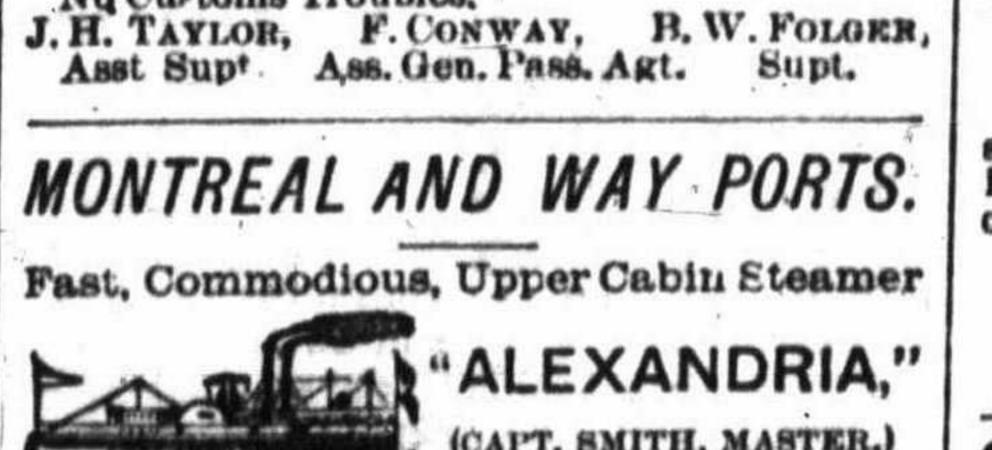
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