



ACTS GENTLY ON THE KIDNEYS; LIVER AND BOWELS. CLEANS THE SYSTEM. DISPELS EFFECTUALLY COLDS, HEADACHES, OVERCOMES & FEVERS. HABITUAL CONSTIPATION PERMANENTLY TO GET ITS BENEFICIAL EFFECTS.

It is much easier to meet with error than to find truth; error is on the surface and can be more easily met with; truth is hid in great depths, and the way to seek it does not appear to all the world.

Dr. Shilohs Cough and Consumption Cure. This is beyond question the most successful Cough Medicine ever known in a century.

SOLE PROPRIETORS S.C. WELLS & CO. LEROY, N.Y. HAMILTON, CAN. Every man can exert such judgment as he has upon the works of others, and he whom nature has made weak, and illness keeps ignorant, may yet support his vanity by the name of a critic.

ITCHING Burning Scaly HUMORS Instantly Relieved by One Application of CUTICURA. INSTANT RELIEF AND SPEEDY CURE. A warm bath with CUTICURA SOAP, a single anointing with CUTICURA OINTMENT, and a full dose of CUTICURA RESOLVENT will afford instant relief, permit rest and sleep, and point to a speedy, permanent, and economical cure when all else fails.

NERVITA PILLS Restore Vitality Lost Vigor and Manhood. Cure Impotency, Night Emissions and wasting diseases, all effects of self-abuse, or excess and indiscretion. A nerve tonic and blood builder. Brings the pink glow to pale cheeks and restores the fire of youth.

NERVITA MEDICAL CO. Clinton & Jackson Sts., CHICAGO, ILL. For Sale by Charles Rogers, Druggist, Astoria, Oregon. Astoria Public Library. READING ROOM FREE TO ALL. Open every day from 1 o'clock to 5:30 and 6:30 to 9:30 p. m.

COMMERCE AND THE SEA.

The interchange of commodities between the various nations of the earth is a subject full of interest to every intelligent person in the world, for upon the continuance of such commercial intercourse depends the happiness and prosperity of all but a very small fraction of the people of the globe.

Table showing the value of the total trade (imports and exports) carried respectively by sea and by land of the ten principal trading countries in the world for the year 1898:

Table with columns: Country, Total Trade, By Sea, Prop'n by Sea. Includes Russia, Germany, Holland, Belgium, France, Switzerland, Italy, Austria, United States, United Kingdom.

Table showing the percentage of imports and exports carried by sea by the various nations in 1894 as compared with 1896. Includes columns for Imports and Exports, and rows for Russia, France, Italy, Germany, Holland, Belgium, Austria, United States.

THE MULE'S EDUCATION.

His Systematic Course of Training for Army Pack Duty at Jefferson Barracks. ST. LOUIS, Mo., Oct. 28.—Just now the Missouri mule is in great demand as a pack animal for army purposes.

Jefferson Barracks, just south of St. Louis, is the training headquarters for pack mules for the United States army. All mules in the service have undergone their preliminary training there.

The organization and training of a mule pack train requires an immense amount of patient labor. Daily drills for about three months are necessary before the innate obstinacy of the animal may be quelled by discipline, and the mule be made to know that he

is capable of becoming a useful part of an orderly system. When purchased by the government, at a cost of about \$35 a head, the mule is branded at once with the letters "U. S." on the left shoulder.

There are 50 pack mules in a train, thirteen saddle mules and a bell horse. The last is a very important part of the train. It is his duty to wear a bell and march at the head of the caravan.

Every morning at the barracks the bell horse is led out and stationed at the head of the line of pack saddles, or aprajoes, which lie upon the ground.

greater proportion than land carriage, and judging from the number of Leviathan steamers built and building, this movement is certain to continue.

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the head of the line of pack saddles, or aprajoes, which lie upon the ground. The mules soon learn to fall in line behind him, and the muleteers go through the process of strapping upon them the aprajoes and the goods to be carried, which are done up in canvas and are known as the cargo.

The aprajoe resembles an immense pair of saddlebags. The frame work is of willow and the bags of stiff leather stuffed with hay. A round hole in the inside leather wall allows the handler to insert his hand and remove the hay from a point where the mule may become chafed, thus relieving the pressure and permitting the sore spot to heal.

Each mule in a train is numbered consecutively, and at first is known by his number, but in time he has his individual name and knows when he is spoken to.

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RALSTON HEALTH CLUB. Breakfast Food, Barley Food, Select Bran, Yeast, Cocoa. Acme Gluten Farina, Acme Wheat Flakes and Standard Rolled Oats.

AT A. V. ALLEN'S. The PALACE. Open Day and Night. W. W. Whipple, Proprietor. Finest Restaurant North of San Francisco.

W. F. SCHEIBE, Manufacturer of the Always Reliable. A full line of Pipes, Tobacco, and Smokers' Articles. "La Belle Astoria" Cigar, Scheibe's Opera Star, Scheibe's Special, and Other Brands.

C. J. TRENCHARD, Commission, Brokerage, Custom House Broker, Insurance and Shipping. Agent W. F. & Co., and Pacific Express Co's.

KOPP'S BEST. A Delicious and Palatable Drink Absolutely Pure. The North Pacific Brewery, of which Mr. John Kopp is proprietor, makes beer bottled for family use, or kept for domestic and export trade.

Twenty Years of Success. In the treatment of chronic diseases, such as liver, kidney, and stomach disorders, constipation, diarrhoea, dropsical swellings, Bright's disease, etc. KIDNEY AND URINARY. Complaints, painful, difficult, too frequent, milky or bloody urine, unnatural discharges speedily cured.

Look Here, Young Man! Your looks tell on you. Can keep it secret a while. Before it is too late go and see or write to this old doctor. He has been treating such cases for over 30 years, and is perfectly reliable.

DR. KESSLER. (If the old St. Louis Medical and Surgical Dispensary, 220 1/2 South Third St., Portland, Or., positively guarantees to cure.) PRIVATE Disease. This doctor guarantees to cure Stricture, etc., no matter how long standing.

MANHOOD RESTORED. "CUPIDENE" This great Vegetable Tonic of a famous French physician, will quickly cure you of all nervous debility, loss of vitality, and all other ailments.

Lea & Perrins' SAUCE. THE ORIGINAL WORCESTERSHIRE. Gives a most delicious flavor to Hot and Cold Meats, Gravies, Salads, Soups, Game, Fish, Welsh Rarebits, etc.

THE PARLOR CANDY STORE. A TAGG, Proprietor. Special attention given to family orders. PURE COCOA. Large or small quantities.

ASTORIA AND COLUMBIA RIVER RAILROAD. Leave PORTLAND. Arrive. 8:00 a. m. Portland Union Depot, 11:15 a. m. 7:00 p. m. For Astoria and Inter. 9:40 p. m. immediate points.

NORTH PACIFIC Dental College. 15th and Couch Sts., Portland. Member of National Association of Dental Colleges. Formerly Tacoma College of Dental Surgery.

POVEY & BIRCHALL TAILORS. Fine work at Popular Prices. 327 Washington Street, Next Imperial Hotel, PORTLAND, ORE.

Andrew Lake. 522 COMMERCIAL ST. Merchant Tailor. Perfect Fit Guaranteed. Low Prices. Repairing and Cleaning Neatly Done.

J. A. Fastabend. General Contractor and Builder. House-moving Tools for Rent. L. LEBECK. Carpenter and Builder. General Contractor. HOUSE RAISING AND MOVING A SPECIALTY.

THE PROOF IS IN SAMPLING. That's an argument that's conclusive—a demonstration. Ours will stand the test. HUGHES & CO.

GREAT NORTHERN RAILWAY TICKETS to all PORTS EAST. Through palace and tourist sleepers, dining and library observation cars. ELEGANT VESTIBULE TRAINS. No. 4 Limited leaves Portland at 2:10 p. m.

WHITE COLLAR LINE. Columbia River and Puget Sound Navigation Company. Balley Gatzert leaves Astoria daily, except Sunday, at 7 p. m. Leaves Portland daily except Sunday at 7 a. m.

North Pacific Brewery. In the treatment of chronic diseases, such as liver, kidney, and stomach disorders, constipation, diarrhoea, dropsical swellings, Bright's disease, etc. KIDNEY AND URINARY. Complaints, painful, difficult, too frequent, milky or bloody urine, unnatural discharges speedily cured.

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