



BUSINESS CARDS. DR. A. L. and J. A. FULTON, Physicians and Surgeons. DR. FRANK PAGE, Physician and Surgeon. DR. LOCKHART, Physician and Surgeon. NOLAND & DORRIS, Attorneys at Law. FULTON BROTHERS, Attorneys at Law. C. F. PARKER, Surveyor of Clatsop County and City of Astoria. J. Q. A. BOWLEY, Attorney and Counselor at Law. JAY TUTTLE, M. D., Physician and Surgeon. HICKS & SHAW, Dentists. R. R. SPEDDEN, Notary Public.

ST. JACOBS OIL. THE GREAT GERMAN REMEDY FOR PAIN. Cures Rheumatism, Neuralgia, Sciatica, Lumbago, Backache, Headache, Toothache, Neuralgia, Sciatica, Sprains, Bruises, Burns, Scalds, Frost Bites, AND ALL OTHER DORSEY PAINS AND AFFLICTIONS.

DR. SANFORD'S LIVER INVIGORATOR. Is just what its name implies; a Purely Vegetable Compound, that acts directly upon the Liver; curing the many diseases incident to that important organ, and preventing the numerous ailments that arise from its deranged or impeded action, such as Dyspepsia, Jaundice, Biliousness, Costiveness, Melancholia, Sick-headache, Rheumatism, etc. It is therefore a remedy that "To have Good Health the Liver must be kept in order."

Scientific Miscellany. The emperor of Germany has conferred an order of knighthood upon Sir Joseph Lister, the eminent British surgeon, whose anti-septic method of surgery has done so much for suffering humanity. A brain model of gigantic size has been made for an American museum by Buechi of Bern. It is about four feet in height by two feet and a half in width, and shows the intricate mechanism of the brain in detail. A specimen of ancient dentistry, in the form of dental bridge-work made by the Etruscans in the fifth century before Christ, has been discovered in an old burial place near Civita Vecchia by Dr. J. G. Van Marter, of Rome. Experiments recently made with wet and dry coal in the evaporation of water have shown that a loss of from fifteen to twenty-five per cent result when coal is used while wet—that is, the heating value of coal is that much less when water is added. The parasitic character of diphtheria has been established by two investigators—Klebs and Löffler—who have independently found organisms which have been proven by experiments on guinea pigs and birds to be the specific germs of the disease. An interesting exhibition of whale skeletons and products has been held in Hamburg. The most imposing exhibit was the skeleton of the blue whale, the greatest animal on earth. It measured 75 feet in length, and was mounted in its natural position. According to Herve-Mongon, the system of telegraphic weather warnings in France created by Leverrier in 1855. In 1875 a central meteorological bureau was established, and numerous observatories had been erected all over the country, while Paris was in telegraphic connection with 1,500 stations. Potato Celluloid.—A material possessing the properties of celluloid is now made from potatoes, and is being used in France for imitation meerschaum pipes, and for billiard balls. The substance is prepared by boiling the peeled potatoes in dilute sulphuric acid—eight parts of acid to one hundred parts of water—for thirty-six hours, and then drying between blotting paper by pressing. In the opinion of Sir John Lawes, a greater profit may be returned from sewage if cast into the sea than if applied to the land, for the reason that sewage will supply the enormous quantities of phosphate of lime, potash, and nitrogen which fishes require, but which exist in the sea only in small quantities. As much, at least, of these substances should be returned to the sea as our fisheries take from it. Balloons in the Sudan Campaign.—The first attempts at British military ballooning are to be made in Africa, three balloons having been sent out for the purpose of making captive ascents for watching the enemy's movement. A hundred or more iron cylinders containing compressed hydrogen for inflating balloons form part of the equipment, and a gas-factory and pumping station will be established at Suakin for refilling these reservoirs. Telephonic communication is to be maintained between the balloons and the ground. An Ace of Horn.—A variety of prehistoric objects in horn—such as amulets, cups, knives, daggers, rings, buttons, bracelets, etc.—have been found in a stratum existing at a depth of about five feet in the mud of Lake Neuenburg, in Switzerland. The finder, Herr G. Kaiser, believes them to be older than the stone and bronze implements of the same locality, and he proposes to call the period to which they belong "the age of horn." It may well be doubted, however, whether the ancient lake people ever experienced an epoch for which such a name would be justified, as it is evident that some implement—probably of stone or bronze—must have been used in cutting the horn. Lung Diseases of Wild Animals.—In the period from October, 1881, to the close of 1884, there died in the gardens of the London Zoological society 583 mammals, 1408 birds, and 788 reptiles. Mr. J. Bland Sutton states, in a report to the Pathological society, that of the death among the mammals only five were from genuine pulmonary tuberculosis or consumption, showing that the general notion that wild animals in captivity are especially liable to that disease is erroneous. Of the mammals 303 were quadrupeds, and of them thirty per cent had other forms of pulmonary affection. Bronchitis attacks a very great variety of animals, but other well-known chest diseases appear to be chiefly confined to certain groups. The carnivora, for instance, are very liable to double pleurisy, and pneumonia, while ruminants have the peculiar disease known as "Perlsucht"—the so-called bovine tuberculosis. In birds is noticed a liability to inflammation of the air sacs, which gives rise to peculiar exudation in which mould develops and spreads through the lung. The Polar Light.—Following up small experiments made in 1871, Professor Selim Lemstrom, of the Finnish Meteorological station at Sodankyla, Lapland, attempted in 1882 to produce an aurora on a large scale from the electricity supposed to be flowing from the air to the earth, the means employed being a "discharging apparatus" consisting of a network of pointed wire conductors spread over the top of a mountain, insulated and connected with a galvanometer and the earth at the foot of the mountain. A diffuse light

which the spectroscope showed to be identical with the aurora borealis, was often seen hovering over the wires, and on some occasions rays became visible. Continuing his researches in 1883 and 1884, Professor Lemstrom now finds himself able to assert very positively that the aurora borealis, which has long been a disputed enigma, is the result of an atmospheric electric current, and that this current can be measured and studied by means of his "discharging apparatus." The zone of frequent auroras in the northern hemisphere is a narrow belt encircling the magnetic pole, and crossing the meridian of Washington in latitude 56 degrees, and that of St. Petersburg in 71 degrees. Professor Lemstrom finds the existence of a belt of terrestrial currents similar to the belt of auroral currents to be very probable. Chiography. "How do you manage when assigning rooms to your guests to locate one on the fourth or fifth floor and the other on the second, when each pays the same per diem?" was asked the landlord of one of the hotels by a reporter a few days since. "You had better ask one of the clerks," replied the landlord with a smile. "They know all about such things and will doubtless communicate the secret to you." The reporter sought out the clerk and repeated the same question. His reply was laconic and to the point: "We size 'em up." "But do you never make mistake?" asked the reporter. "Seldom," answered the clerk, and perceiving that the reporter would not be choked off by his continued: "One reason why we seldom make mistakes is that we can judge, in a measure, by the way a man registers of what he has been accustomed to at home. If a man will be contented with a small room in his own house, he is not likely to make any very decided objection to the same accommodation at a hotel. This is more especially true in the case of those who, like merchants from the interior, come to the city but once or twice a year to buy goods. They are too full of business to think much about the kind of room they are occupying, and so long as they have a place to sleep, they don't care whether it is on the first floor or next the roof, besides, they don't like to have any trouble. They would rather put up with a few inconveniences than raise a row. This is all the better for us, for we can save the best rooms for guests who will be willing to pay a higher figure. The successful hotel clerk is not only able to do this, but he can almost invariably tell at a glance just how much a man will stand, and he is very careful not to over-step the line. Again, look at the way some people register. The man who is unaccustomed to traveling and stopping at hotels picks up the pen as if he was afraid of it, and is singularly precise in the formation of the letters composing his name. He writes plain 'John Blank, Blanktown,' as nicely as he is able, and is perfectly satisfied if the clerk takes him by the hand and says, as clerks always do: 'Mr. Blank, I'm glad to see you.' 'The full-fledged drummer or tourist is easily identified. He will walk up to the desk, dash off his name in a careless fashion, toss his overcoat and grip to the bell-boy, and try to talk with four or five people at once. He must have a fair room, or there will be trouble at the office. A young man on his first trip will demonstrate his Spencerian education; a country lawyer will write his name so that neither he nor anybody else can decipher the hieroglyphics, while the rural legislator will be anxious to let everybody know he has a right to prefix honorable to his name. These characters are universal, and almost invariably we can get at a man's character and position in the world by an inspection of his chiography. 'In small towns hotel clerks have a practice of giving the most desirable rooms to parties who claim to come from some large city, for the reason that they should have a better knowledge of hotel life than their rural brethren. Travelers are beginning to realize this, and will register as from New York or Boston, in order that they may get a good room, and they will try the trick. The most essential thing in the make-up of a hotel clerk is to be able to fill the house from the top down, and at the same time make everyone believe they are getting the best rooms.'—Detroit Free Press.

The Power of Daniel Webster's Gaze. "One Sunday a student from Andover occupied the pulpit, my father not intending to take any part in the exercises. The young minister got along very well with the opening prayer and the Scripture lesson, but when he had read only a verse or two of the hymn he became confused, stammered, and at last his voice failed him entirely. As he seemed to be taken suddenly ill my father finished the service, preaching an extemporaneous discourse. On the way home in the carriage the young man, who by that time had quite revived, being pressed for an explanation concerning his conduct, finally confessed: 'Well, sir, it was merely an unaccountable nervousness. Just as I was reading the second stanza of the hymn a gentleman came into the church and sat down in a broad-based pew directly before me, fixing such great staring black eyes upon me that I was frightened out of my wits!' Until he was then told he did not know that Daniel Webster was a member of the congregation or an inhabitant of the town." Thirteen is an unlucky number for a poor man to have in his family. People who are down with rheumatism sometimes go to the Hot Springs to be cured. But there is no need of getting into hot water, when St. Jacobs Oil will effect a cure. Azure thing—the cloudless sky. A sure thing—Red Star Cough Cure. No opiates. MARKETS. WYATT & THOMPSON, DEALERS IN FRESH AND CURED MEATS, CHOICE GROCERIES, PROVISIONS, Crockery and Glassware. Mill Feed, Etc. STAR MARKET. WHERRY & COMPANY, Fresh and Cured Meats, Vegetables, FRUITS, BUTTER, and EGGS. OPPOSITE OCCIDENT HOTEL, CHENAMUS Street, Astoria, Or. Washington Market. Main street, Astoria, Oregon. BERGMAN & CO. PROPRIETORS. RESPECTFULLY CALL THE ATTENTION of the public to the fact that the above Market will always be supplied with a FULL VARIETY AND BEST QUALITY. FRESH AND CURED MEATS. Which will be sold at lowest rates, wholesale and retail. Special attention given to supplying ships. \$67,000,000 Capital! Liverpool and London and Globe North British and Mercantile Old Connecticut of Hartford AND COMMERCIAL OF CALIFORNIA Fire Insurance Companies, Representing a Capital of \$67,000,000. B. VAN DUSEN, Agent. Citation. IN THE COUNTY COURT OF THE STATE of Oregon, for the county of Clatsop, In the matter of the Estate of the minor heirs of J. G. Coe deceased. To the next of kin to Benjamin Coe and Terry Coe, minors, and all others interested, viz: Mrs. Elizabeth Coe, Henry Coe, Mrs. Clara Overton, Reuben Coe, Ira Coe, Alfred Coe, Eliza Coe, Olivet Coe, Jas. W. Welch and D. H. Welch, greeting: In the name of the state of Oregon, you are hereby cited and required to appear in the County Court of the state of Oregon, for the county of Clatsop, at the court room thereof, at Astoria in the county of Clatsop on Monday the 20th day of October, 1885, at 2 o'clock in the afternoon of that day, then and there to show cause, if any, why a license should not be granted for the sale of the two ninths interest in the following real estate, to-wit: lots three (3) and four (4) in block thirty (30) of the town now city of Astoria as laid out and recorded by John McClure and the Donation Land claim of J. G. Coe, deceased. Said two ninths interest being the interests of Benjamin Coe and Terry Coe, minor heirs of J. G. Coe deceased. Ordered that this citation be published in THE DAILY ASTORIAN of Astoria, Oregon. WITNESSES: C. A. MCGUIRE, Judge of the County Court of the county of Clatsop, with the seal of said court attested this 5th day of September, A. D. 1885. Attest: C. J. TRENCARD, Clerk.

BARBOUR'S Irish Flax Threads HAVE NO EQUAL! GRAND PRIZE PARIS 1878. THEY HAVE BEEN AWARDED HIGHER PRIZES AT THE VARIOUS International Expositions THAN THE GOODS OF ANY OTHER THREAD MANUFACTURERS IN THE WORLD. Quality can Always be Depended on! Experienced Fishermen Use no Other! HENRY DOYLE & CO., 517 and 519 Market Street, SAN FRANCISCO, AGENTS FOR PACIFIC COAST. Seine Twines, Rope and Netting Constantly on Hand. The Telephone Saloon. The Gem Saloon. The Popular Resort for Astorians. For the Finest of Wines and Liquors Go to THE GEM SALOON. ALEX. CAMPBELL, PROPRIETOR. J. H. D. GRAY, Wholesale and retail dealer in GROCERIES, FLOUR, AND FEED Hay, Oats, Straw, Wood, Etc. LIME, SAND AND CEMENT. General Storage and Wharfage on reasonable terms. Foot of Benton street, Astoria, Oregon. WM. EDGAR, Dealer in Cigars, Tobacco and Cigarettes GENUINE ENGLISH CUTLERY Revolvers and Cartridges. CORNER MAIN AND CHENAMUS STS. Columbia Transportation Company. FOR PORTLAND! Through Freight on Fast Time! THE NEW STEAMER TELEPHONE Which has been specially built for the comfort of passengers will leave Monday, Wednesday and Friday at 6 A. M. arriving at Portland at 1 P. M. Returning leaves Portland every Tuesday and Thursday at 6 A. M. arriving at Astoria at 1 P. M. An additional trip will be made on Sunday of Each Week, leaving Portland at 9 o'clock Sunday Morning. Passengers by this route connect at Eugene for Sound ports. G. B. SCOTT, President.

BANKING AND INSURANCE! I. W. CASE, Broker, Banker, and Insurance Agent, ASTORIA, OREGON. OFFICE HOURS: From 9 o'clock A. M. until 2 o'clock P. M. AHEAD OF ALL COMPETITORS! Capitol Flour, Manufactured on the Gradual Reduction System by the Salem (Or.) Capitol Flour Mills Co., [LIMITED]. The only flour that has taken First Prize three years in succession at the PORTLAND MECHANIC'S FAIR. Also at State Fair. One trial is sufficient to convince of its superiority. See that the word CAPITOL is on each sack. GEORGE SHEL, 8 Stark St., Portland Agent. WILSON & FISHER, Astoria Agents.

HAVE YOU Anything to Sell? IN THE MATTER OF Rags, Bottles, Old Metal, or Junk of Any Sort, FOARD & STOKES Will give you the best price for it. Do You Want to Buy SHIP MATERIAL. From a Belaying Pin to a Hawsler; from Block to an Anchor. You Can Get what You Want at FOARD & STOKES. Headquarters at building, east end Water Street. Notice of Assignment. NOTICE IS HEREBY GIVEN TO ALL whom it may concern that the undersigned has been appointed assignee of the estate of M. D. Kent, an insolvent; and all persons having claims against said insolvent, are requested to present the same to the assignee properly verified at his office at J. A. Stokes & Co's, in the city of Astoria, Clatsop county, state of Oregon, within three months from this date. PHILIP A. STOKES, Astoria, September 2, 1885.

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