

# The Daily Astorian.

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## ELECTRICITY AND THE SUN

In a recently published manual of astronomy it is asserted that the only true theory, so far suggested, for explaining the heat of the sun, is that of its contraction in bulk. It would have to contract its diameter only four miles in a hundred years to produce as much heat as it now gives. On the other hand it is known that if the sun was a solid mass of coal it would burn out, in five thousand years, and the theory that the percussion of meteors on its surface causes enough heat to burn up, in each second of time, nearly twelve thousand millions of millions of tons of coal—generous, long weight tons at that—cannot appeal to the common sense of either astronomers or coal dealers. In these days of electricity it is strange that a theory has not been seriously propounded that the sun is a great electrical machine. The phenomena of solar electrical storms, which affect our terrestrial telegraph wires, and the aurora borealis, the zodiacal light and the sun spots, point distinctly to an origin in the sun itself. The electric lamps which ornament our streets give a light which is devoid of heat, but the light has the same constituents as sunlight, and performs a similar work; photographs are taken with no less clearness, and plants of every kind exposed to their influence grow and ripen with equal success, as was proved by the experiments of William Siemens during the winter of 1880-81. They now produce fruit, that are capable of reproduction. The fact that the luminous rays of the electric light are devoid of heat is not an insuperable objection to this new theory. Of course it takes intense heat to produce the light, as is known to every one who allows the current to pass through his body. There is not much doubt that it will be proved ultimately that electricity is the working power of the universe. It has always been declared that no one knew what the attraction of gravity was. Sir Isaac Newton, nerved to the discovery by the apple which fell into his eye, formulated its laws—but they were the laws of an impalpable mystery. Amber, from which electricity derives its name, only needs to be rubbed to develop an attractive force known to the ancient world. It may be that the world, whirling on its interstellar orbit, raises its attractive force by its friction with the universal ether which pervades space. Often, just before thunder showers, men feel as though they could hardly move; it may be because, owing to the increased attraction of the earth, they are really heavier than before, just as on the sun they would weigh several tons and could be crushed by their own solidity. It is evident that the uses to which electricity may be put are increasing in importance every day; the science, like a youthful Hercules strangling serpents in his cradle, is a giant in his infancy. Its sire is Apollo, the sun god; before it shall have reached maturity it will light our houses and our cities, clean our streets, rival steam as a motive power, make its masters ubiquitous, cultivate the earth, mine, dredge and reduce ores, and, in fact, put the famous twelve laborers of the old hero to shame. Above all things it may fight our battles for us. We who mourn that we have no navy may yet employ electricity in a hundred light, swift, invulnerable little craft, which will play around and plague the elephantine monsters of the European navies as the

guat once drove Pegasus and the famous white cow Io from land to land. But the theory that the sun shines and develops heat from electricity may have a bearing on the future of science which is little suspected. At any rate, it entirely removes the blistering fear that the sun may burn out some time during the next ten million years.—*Philadelphia Press.*

## Senate Bras

Speaking of senators' terms, the Dubuque Times says: What is the length of a lifetime in the United States senate? We estimate it at about twenty-four years. We measure thus: On March 4th, 1859, Gen. Geo. W. Jones, of Iowa, left the senate, entitled, as an ex-senator, to the privileges of floor. All the members were new except one, Hannibal Hamlin of Maine, and the next day even he was gone and a younger man in his seat. When General Jones visited the senate on the 5th of March, 1881, he saw there the senators from thirty-eight states, not one of whom he had sat with on the 3d of March, 1859. Gen. Jones to-day is one of the most historic and perhaps the most remarkable character in the west. He sat in the senate with Clay and Webster and Calhoun, with Silas Wright, Benton, Crittenden and Jeff. Davis, with Sumner, Seward, Chase and Douglas. In the early part of the century, when General Jackson was president, he sat in the house of representatives with Henry A. Wise and John Quincy Adams. His district included all of Michigan, Wisconsin, Iowa and Minnesota. It now has over thirty representatives in congress. He left the senate, not because of his personal unpopularity, but his party had gone out of power in Iowa. The intimate and trusted friend of Andrew Jackson, the partner of Daniel Webster, he remembers Jefferson. On terms of personal acquaintance with nearly all our celebrated warriors and statesmen, he numbered among his friends and enemies the mighty red kings, Black Hawk, Keokuk and Poweshieck. A soldier in the war of 1812, Gen. Jones is a young man yet. He walks erect without a cane, with a light and springy step, and claims none of the indulgence and immunities of old age.

## Pacific County, W. T. Nominations.

OSTERVILLE, Aug. 26, 1882. The people's political convention for this county was held here Saturday, and having chosen J. P. Paul chairman and A. S. secretary, made the following nominations: Auditor, A. S. Bush; county commissioners—L. H. Rhoades, Benjamin Hutton and Samuel P. Soule; probate judge, Andrew Olson; Sheriff and assessor, C. A. Heath; Treasurer, F. C. Davis; school superintendent, Mrs. A. S. Bush; Coroner, H. H. Tinker; Surveyor, Jos. Wheelton; Wreckmaster, Chas. Fisher.

The thoroughness with which the Canadian journalists occasionally gather the news may be inferred from this brief extract from the Brockville Recorder of recent date: "The Governor-General's hair wants shingling. He passed west yesterday for Toronto, and we had a chance to see the back of his head only, and his hair is altogether too long."

"I had a fall from a ladder and sprained my wrist so badly," says A. B. Palmer, of Cumberland Court House, Va., "that I lost all use of my arm. I procured a bottle of the St. Jacob's Oil, and, after rubbing my arm with it, I obtained immediate relief. I used it likewise for neuralgia, and find it effectual for burns, bruises, etc."

## An Old Story Retold

In many isolated neighborhoods the butchers and meat are scarce, and it is the custom, whenever a farmer has a worn-out cow which he is willing to kill, to distribute her flesh among the people. Such a place is Hardenburgh, a fact to which the Rev. Jas. C. Beecher is willing to testify. He once accepted an invitation to dine with a worthy woman in that town, and in due time set out on horseback through the woods toward her house. When near his destination he emerged upon a piece of open ground, and the first living objects that caught his eye were a couple of boys digging vigorously under a stump. "Hallo! boys, what are you after?" he inquired in a friendly way, and one of them promptly and frankly answered: "Mister, we are after a ground hog. Mother asked old Beecher to dinner, and as she hain't got any meat she sent us out to catch a ground hog, and as she will give us five cents for it and the skin, we are going to have one if we have to dig up every d—n stump in the field." Mr. Beecher reflected a moment, and then turned his horse's head toward home. Whether or not the boys received the five cents which they were bound to earn, local history does not say.

## Stretching It

It has been a popular delusion that the ordinary capacity of the human stomach is one pint. If so the elastic membrane must be as elastic as the membrane of a congressman. A New Yorker was accosted, a day or two ago, by a seedy looking tramp who begged for a dime to get a bit to eat to keep him from starving. The gentleman chose to be sure that his charity took the form of food and not of whisky, so, instead of giving him money, he wrote him an order to a restaurant to "give the poor fellow a dinner and charge it to me." Armed with this note the tramp canvassed the situation, studied the bill of fare and settled down to business. Beginning with a mutton stew, he followed it with roast veal, corn beef and cabbage, roast lamb with mint sauce, two plates of salmon, lobster salad, boiled eggs, vegetables of all kinds, pie, pudding, cheese, three bottles of Scotch ale and a cigar. There was nothing mean about him. His benefactor paid the bill of \$4.20 when it was presented, and invested the rest of the five dollar bill in a stout cane, with which he walks abroad, looking for that hungry tramp.

The attempted bribery of the Star route trial jurors has been spoken of by Judge Wylie in language as forcible as generally comes from the bench: "I felt so much indignant that I was almost ready to advise the jurymen to shoot the men on the spot. Scoundrelism of this degree deserves no mercy. If it is possible to ferret out these scoundrels it shall be done. Give them no quarter. Spurn them with the end of your toes. No hater vermin infest the earth."

Judge Wylie did not in precise words tell the jury to kick the would-be bribers; but his phrase, "Spurn them with the end of your toes," may pass into popular usage.

"I too have caught the fever," said Mr. Harvey B. F. Keller, recorder of deeds, Ottawa, Kansas, "and have long been convinced of the merits of the St. Jacob's Oil. The principal use to which the Oil has been devoted in my family has been for rheumatism, which disease it subdues with wonderful quickness."

The purity and elegant perfume of Parker's Hair Balsam explain the popularity of this reliable restorative.

**ST. JACOB'S OIL**  
TRADE MARK

**THE GREAT GERMAN REMEDY**  
FOR  
**RHEUMATISM,**  
*Neuralgia, Sciatica, Lumbago, Backache, Soreness of the Chest, Gout, Quinsy, Sore Throat, Swellings and Sprains, Burns and Scalds, General Bodily Pains, Tooth, Ear and Headache, Frosted Feet and Ears, and all other Pains and Aches.*

**SHORT BITS.**  
Arabi Pasha and his accomplices, military and civil, will be tried by court martial.  
A Virginia physician says he has never known an habitual consumer of tobacco to have the typhoid fever.  
A fisherman caught recently in his net at Queen's Ferry, a few miles below Chester, England, the largest salmon ever caught in the Dee. It was found to turn the scales at forty pounds, was four feet in length, and a healthy, clean, and well-developed fish.

**SYMPTOMS OF WORMS.**  
The countenance is pale and leaden-colored, with occasional flushes of a crimsoned spot on one or both cheeks; the eyes become dull; the pupils dilate; an acute scintillate runs along the lower eyelid; the nose is irritated, sore, and swollen; violent pains throughout the chest; occasional headache, with humming or throbbing of the ears; an unusual secretion of saliva; sticky or burned tongue; breath very foul, particularly in the morning; appetite variable, sometimes voracious, with a growing aversion to the stomach; at others, entirely gone; feeble pains in the stomach; occasional nausea and vomiting; violent pains throughout the abdomen; bowels irregular, at times constipated; stools slimy, not unfrequently tinged with blood; belly swollen and hard; urine turbid; respiration occasionally difficult and accompanied by hoarseness; cough sometimes dry and occasionally mucous and disturbed sleep, with grinding of the teeth; temper variable, but generally irritable. Whenever the above symptoms are found to exist,  
**DR. C. McLANE'S VERMIFUGE** will certainly effect a cure.

In buying Vermifuge be sure you get the genuine **DR. C. McLANE'S VERMIFUGE**, manufactured by Fleming Bros., 21 Wood Street, Pittsburgh, Pa. The market is full of counterfeits. You will be right if it has the signature of Fleming Bros. and C. McLane.  
If your storekeeper does not have the genuine, please report to us.  
Send us a three cent stamp for 1 handsome advertising card.

**HOSTETTER'S**  
CELEBRATED  
**STOMACH BITTERS**

That terrible scourge fever and ague, and its congenial, bilious remittent, malarial affections of the stomach, liver and bowels, produced by miasmatic air and water, are eradicated and prevented by the use of Hostetter's Stomach Bitters, a purely vegetable elixir, indorsed by physicians, and more extensively used as a remedy for the above class of disorders, as well as for many others, than any medicine of the age.  
For sale by all Druggists and Dealers generally.

**ROSCOE'S FIRST CLASS Oyster Saloon.**  
CHENAMUS STREET, ASTORIA.  
THE UNDERSIGNED IS PLEASED TO announce to the public that he has opened a  
**FIRST CLASS Eating House,**  
And furnishes in first-class style OYSTERS, HOT COFFEE TEA, ETC. AT THE Ladies' and Gent's Oyster Saloon, CHENAMUS STREET.  
Please give me a call.  
ROSCOE DIXON, Proprietor

**A. M. JOHNSON & Co.,**  
Ship Chandlers and Grocers.  
Ropes and Cordage of all kinds, Blocks, Patent and Metalline of all sizes.  
The Genuine Leeson's Scotch Salmon net Twines.  
Mermaid Twines; Canvas, all No's; Copper Tipped Oars.  
The best assortment of  
**GROCERIES**  
In Town.  
The Best COFFEES and TEAS.  
Try our Melrose Baking Powder  
Positively the best ever made.  
**CANNED GOODS**  
of all kinds put up by best Packers.  
Richardson's and Robbins' Canned Goods.  
Terms Cash. Profits Small.  
GIVE US A CALL

**B. B. FRANKLIN,**  
UNDERTAKER,  
Corner Cass and Squemoque streets, ASTORIA, OREGON.  
DEALER IN  
**WALL PAPER**  
AND  
**WINDOW SHADES**  
AND  
UNDERTAKERS GOODS.  
Dressmaking,  
Plain and Fancy  
SEWING OF ALL KINDS!  
Suits made in the best style from \$5 to \$20.  
Satisfaction Guaranteed.  
**MRS. GEO. HILLER.**  
Next door to Weston House, 1st

**Boat Building.**  
**WILLIAM HOWE**  
Having lately returned from British Columbia, is to be found at his  
OLD STAND IN GRAY'S BUILDING  
Where he is doing  
**FIRST-CLASS WORK ONLY.**

**ST. HELEN'S HALL,**  
ART DEPARTMENT  
THE CORPS OF TEACHERS LONG engaged in St. Helen's Hall has just been reinforced by the addition of six new teachers, five of them from prominent educational institutions of the Eastern States. Two of these are engaged in the Musical Department, three in the English and one (MISS FULLICK) in the Art Department.  
MISS FULLICK is a lady of English birth, but educated in this country. She was graduated at Vassar College, and has since spent much time in the best private Studies in the Eastern States. She comes with the highest recommendations for her attainments and skill as a teacher of Painting and Drawing. These cover the whole ground of instruction in the best Art Schools, embracing Oil Painting in Landscape, Flower and Still-life Studies; Crayon, Chalk, Water Colors, Pencil, Pen and Ink, and Decorative Art in all its branches.  
MISS FULLICK is a lady of liberal education and superior culture, and the Rector and Principal of St. Helen's Hall recommend this department of their school to its patrons with entire confidence, being well assured that it will never under a more competent instructor, or one of more varied acquirements.

**Equalization of County Assessment.**  
NOTICE IS HEREBY GIVEN THAT an Assessment roll of property liable to be taxed in Clatsop County for the year 1882, will be completed by the first Monday in October, 1882; and the County Court pursuant to law has fixed that day as the time for all persons interested to examine the same at the County Clerk's office in the Court house in Astoria, in said county, and to note objections thereto if any there shall be.  
W. W. PARKER,  
County Assessor for Clatsop Co., Or.  
Astoria, Oregon, September 23rd, 1882.

**TWINERS.**  
SALMON NET  
MANUFACTURERS OF THE UNMATCHED SCOTCH  
**J. F. LEESON & CO.**  
BOSTON, MASS.  
THE FLAX MILLS,  
GRAFTON, N. H.  
NEVILLE & CO.  
31 & 33 CALIFORNIA ST.,  
SAN FRANCISCO.

**S. ARNDT & FERCHEN,**  
ASTORIA - OREGON.  
The Pioneer Machine Shop  
BLACKSMITH  
**SHOP**  
AND  
Boiler Shop  
All kinds of  
**ENGINE, CANNERY,**  
AND  
**STEAMBOAT WORK**  
Promptly attended to.  
A specialty made of repairing  
**CANNERY DIES,**  
FOOT OF LAFAYETTE STREET.  
**ASTORIA IRON WORKS.**  
BENTON STREET, NEAR PARKER HOUSE,  
ASTORIA, - OREGON.  
**GENERAL MACHINISTS AND BOILER MAKERS.**

**LAND & MARINE ENGINES**  
Boiler Work, Steamboat Work, and Cannery Work a specialty.  
**CASTINGS.**  
Of all Descriptions made to Order at Short Notice.  
A. D. WASS, President,  
J. G. HUSTLER, Secretary,  
I. W. CASK, Treasurer,  
JOHN FOX, Superintendent.

**WILLIAM EDGAR,**  
Corner Main and Chenamus Streets, ASTORIA - OREGON  
DEALER IN  
**CIGARS AND TOBACCO.**  
The Celebrated  
**JOSEPH RODGERS & SONS**  
**GENUINE ENGLISH CUTLERY**  
AND THE GENUINE WOSTENHOLM and other English Cutlery.  
**STATIONERY**  
FAIRCHILD'S GOLD PENS  
Genuine Meershaum Pipes, etc.  
A fine stock of  
Watches and Jewelry, Muzzle and Breech Loading Shot Guns and Rifles, Revolvers, Pistols, and Ammunition  
**MARINE GLASSES.**  
ALSO A FINE Assortment of fine SPECTACLES and EYE GLASSES.  
**WAR IS DECLARED WITHOUT FURTHER NOTICE**  
And no terms of peace until every man in Astoria has a new suit of clothes  
**MADE BY HEAVY.**  
Look at the prices:  
Suits to order from \$8 00  
Facts, Genuine French Cassimere - 12 50  
Suits from 25 00  
The finest line of samples on the coast to select from.  
P. J. MEANY,  
Cass street, next to Hansen's Jewelry store

**Health is Wealth.**  
Dr. E. C. West's Nerve and Brain Treatment: a specific for Hysteria, Dizziness, Convulsions, Nervous Headache, Mental Depression, Loss of Memory, Spermatorrhoea, Impotency, Involuntary Emissions, Premature Old Age, caused by over-exertion, self-abuse, or over-indulgence, which leads to misery, decay and death. One box will cure recent cases. Each box contains one month's treatment. One dollar a box, or six boxes for five dollars; sent by mail prepaid on receipt of price. We guarantee six boxes to cure any case. With each order received by us, we will send the purchaser our written guarantee to return the money if the treatment does not effect a cure. Guarantees issued only by W. E. Bennett, druggist, Astoria, Oregon. Orders by mail at regular price.

**Notice to Builders.**  
The office of the Point Adams Packing Company, until noon, Tuesday, September 26th, 1882, for furnishing the material, and building of a cannery on the property of said company. Plans and specifications can be seen at the office of A. W. Ferguson, No. 2, Pythian building. Proposals may be addressed to Box 230. The right to reject any or all bids reserved.  
J. C. LIDWELL,  
President.

**BOOKS**  
FOR THE PUBLIC SCHOOLS!  
**CARL ADLER.**  
A complete stock of School Books and school supplies. Any book used in the public schools of Clatsop County can be obtained at my store.  
CARL ADLER.

**BUSINESS CARDS.**  
**E. C. HOLDEN,**  
NOTARY PUBLIC,  
AUCTIONEER, COMMISSION AND SURANCE AGENT.  
**DR. J. C. SHAFER,**  
PHYSICIAN AND SURGEON  
(DEUTSCHER ARZT.)  
Diseases of the Throat a Specialty.  
Office over Conn's Drug Store.  
**GEO. F. PARKER,**  
SURVEYOR OF  
Clatsop County, and City of Astoria  
Office - Chenamus street, V. M. C. A. hall, Room No. 8.  
**J. O. BOZORTH,**  
U. S. Commissioner, Notary Public, and Insurance Agent.  
Agent for the Hamburg-Bremen Fire Ins. Co. of Hamburg, Germany, and of the Travelers' Life and Accident Ins. Co. of Hartford, Conn.  
Office in Pythian Building, Rooms 11, 12.  
**F. D. WINTON,**  
Attorney and Counselor at Law.  
Office in Pythian Building, Rooms 11, 12, ASTORIA, - OREGON.

**JAY TUTTLE, M. D.**  
PHYSICIAN AND SURGEON,  
OFFICE—Over the White House Store.  
RESIDENCE—Over Ebermann's Bakery, opposite Barth & Myers' Saloon.  
**A. I. FULTON, M. D.**  
Physician and Surgeon.  
OFFICE—Over A. V. Allen's grocery store, Rooms, at the Parker House.  
**F. P. RICKS,**  
DENTIST,  
ASTORIA, - OREGON  
Rooms in Allen's building up stairs, corner of Cass and Squemoque streets.

**J. E. LAFORET,**  
DENTIST  
Dental Rooms over Case's Store, Chenamus Street, - Astoria, Oregon.  
**J. Q. A. BOWLEY,**  
ATTORNEY AT LAW,  
Chenamus Street, - ASTORIA, OREGON.  
**W. T. BURNBY,**  
ATTORNEY AT LAW.  
May be found at the Court House.  
**G. A. STINSON & CO.,**  
BLACKSMITHING,  
At Capt. Rogers old stand, corner of Cass and Court Streets.  
Ship and Cannery work, Horseshoeing, Wagons made and repaired. Good work guaranteed.

**TAILORING.**  
Cleaning & Repairing.  
NEAT, CHEAP AND QUICK, BY  
**GEORGE LOVETT,**  
Main Street, opposite N. Loeb's.

**HEADQUARTERS**  
Foster's Emporium.  
Most Complete Stock in Astoria  
Fireworks! Flags!  
Fruits Both Foreign and Domestic  
Wines and Liquors  
OF Superior Brand.  
**FOSTER'S CORNER, OR & N DOCK**

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