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ABSOLUTELY FREE FROM OPIATES, EMETICS AND POISON SAFE. SURE. PROMPT.
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TUTT'S PILLS
TORPID BOWELS, DISORDERED LIVER, and MALARIA.
From these sources arise three-fourths of the diseases of the human race. These symptoms indicate their existence: Loss of Appetite, Bowels costive, Sick Headache, fullness after eating, aversion to exertion of body or mind, Erection of food, Irritability of temper, Low spirits, A feeling of heaviness or some duty, Dizziness, Flattering of the Heart, Nits before the eyes, highly colored Urine, CONSTIPATION, and demand the use of a remedy that acts directly on the Liver. As a Liver medicine **TUTT'S PILLS** have no equal. Their action on the Kidneys and Skin is also prompt; removing all impurities through these three "scavengers of the system," producing appetite, sound digestion, regular stools, a clear skin and a vigorous body. **TUTT'S PILLS** cause no nausea or griping nor interfere with daily work and are a perfect **ANTIDOTE TO MALARIA.**
Sole Proprietors, Druggists, New York.
TUTT'S MANUAL OF USEFUL MEDICAL RECIPES FREE.

For Rent.
THE BUILDING KNOWN AS MUSIC Hall, formerly occupied by Robt. Wilson, fully furnished and ready for business. Also the building formerly occupied by Jeff's restaurant, where Jeff made his fortune. Both buildings are in the best business location in the city. A good chance for the right man.
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CAMPBELL, BALTES, Germania Saloon.

The Gem Saloon.
The Popular Resort for Astorians.
For the
Finest of Wines and Liquors
Go to THE GEM SALOON.
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San Francisco and Astoria PACKET LINE.
Carrying Freight; Running every Ten or Twelve Days.
THE SCHOONER
Will be on berth in San Francisco on
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\$1.50 From S. F. to Astoria.
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The undersigned are doing business under the above name.
Corner Chenamus and Benton Sts.
Fine Teas, Groceries and Provisions.
Contractors for Chinese Labor.
ASTORIA, OREGON.
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The United States RESTAURANT
On Main street is now open, and AT ONCE TAKES THE LEAD.
In every Particular it is the Finest fitted up and best in the City.
JEFF IS A GOOD PROVIDER;
He Cannot be Beat on the Coast!
Meals 25c.; Board \$20 per Month.
Private rooms for Families or Parties. Superior Parties furnished on short notice.
OYSTERS A SPECIALTY.
Jeff spends his money in Astoria, Buys the Wholesale and Pays Cash, That Settles It.

Scientific Miscellany.

A bequest of \$10,000 has been left to the Paris Geographical society for the purpose of providing an annual prize for the best geographical work—either map or book—published during the year.

Arsenic having been found to act as a preventive of malarial fever, Mr. W. Mattieu Williams has suggested that the generally condemned arsenical wall-papers may be useful as a protection against the dangers of regions subject to malaria.

A singular case in charge of Dr. Strumpell, of Leipzig, a few years ago, was that of a young man in whom brain disease had destroyed all sensibility to touch, and also the functions of one eye and one ear. The youth was wide awake, conscious and intelligent when the remaining eye and ear were open, but at once became unconscious when they were carefully closed.

USE OF SOLAR POWER.—In a new French apparatus the heat of the sun falling upon metallic plates tightly covering a thin layer of a volatile liquid, like ammonia, is combined with the natural coolness of water to generate power for pumping. With plates having a surface of forty square yards, such an apparatus would hourly raise 792 gallons of water 65 feet in warm climates, and at Auteuil raises over 300 gallons per hour.

HYDROPHOBIA MUST GO.—Pasteur has long been experimenting with inoculation as a means of preventing hydrophobia, and is now putting the final touches to a method which he is confident will assure to animals—including man—exemption from the terrible disease. He intends to put his system in practice at once, and has already added to his many trials one upon a human subject—a little boy who had received several bites from a mad dog.

THE CAMPHOR SUPPLY.—While only 225 miles long and 85 wide, the island of Formosa, just conquered by the French, is very valuable for its richness in animal and vegetable life. One of its products is camphor, of which it is the world's chief source of supply, although the tree (Laurus camphora) also grows in Borneo, Sumatra, Japan, and China. The camphor is distilled from the finely cut wood in gently heated crucibles, the vapors being condensed upon a network of rice stems.

SUICIDE IN NATURE.—Man is not the only animal that suicides. Herrings and other fishes have sought death by rushing ashore in myriads; regiments of ants, by deliberately marching into streams; swarms of rats, by migrating in the face of their deadly foes; and even butterflies, by flying in immense clouds straight out to sea. It would be interesting to learn the causes of such cases of apparent wholesale and deliberate self-destruction. Is the act a purely conscious one, or are the creatures victims of disease—mental or physical?

USING THE EARTH'S HEAT.—There is abundant reason for believing that the earth's crust is very thin, and it seems not impossible that some means may be devised for utilizing the intense heat of the molten mass below. This is already being done, in fact, to some extent, an artesian well having been bored at Pesh to obtain warm water for public baths, etc. From a depth of about 3,000 feet a large quantity of water heated to 161 degrees Fahrenheit pours forth, and the boring is to be continued until water at 178 degrees is yielded.

MOLECULAR MINUTENESS.—The odoriferous particles which affect the organs of smell must be inconceivably small. Especially is this true of musk, which constantly emits a powerful odor for many years, and is said to show no apparent loss of weight. Papers perfumed with a single grain of ambergris were kept by Haller for forty years, when the odor was as strong as ever. The molecule of camphor sensible to the smell has been estimated by Berdmann to weigh one 2,962,584,000th of a grain. Keil has concluded that a drachm of asafoetida exposed to the open air loses one 69,120th of a grain in weight each minute, or one 2,880th of its entire weight in a day.

A Mystery.
How the human system ever recovers from the bad effects of the malarious medicines often liberally poured into it for the supposed relief of dyspepsia, liver complaint, constipation, rheumatism and other ailments, is a mystery. The mischief done by bad medicines is scarcely less than that caused by disease. If they who are weak, bilious, dyspeptic, constipated or rheumatic, would often be guided by the experience of invalids who have thoroughly tested Hostetter's Stomach Bitters, they would in every instance obtain the speediest and derivable from rational medication. This medicine is a searching and at the same time most kindly remedy, derived from vegetable sources, and possessing, in consequence of its basis of pure spirits, properties as a medicinal stimulant not to be found in the fiery local bitters and stimulants often resorted to by the debilitated, dyspeptic and languid.

Mrs. Morgan, widow of the ex-governor and senator, can draw her check for \$10,000,000 to \$12,000,000.
No nausea; no reaction; no depressing effects from Red Star Cough Cure.

Banner.

Bonner works hard two or three days a week and then returns to his fast horses. Not content with 100 first-class animals he is ready to purchase any other that may excel on speed. Notwithstanding the frequent attempts to impose on Bonner, it is said that he has never been "jockeyed" in a horse trade. He pays enormous prices, but he does not allow himself to be deceived. He is not only an equine amateur, but is also a student, and he told me that he had a hundred works on the horse, all of which he had carefully read. Bonner has a first-class assistant in Oliver Dyer, who is one of the best working litterateurs in the city. He reads all articles submitted for publication, and this is one of the hardest features in literary labor. He told me that no man could read judiciously more than two hours at a time, as his brain would then be foggy. Dyer was at one time a favorite with Greeley, and had a place on the Tribune. This was a third of a century ago, and hence he is one of the veterans of journalism.—(Rochester Chronicle.)

WHAT THE STAR TELLS.—Proctor considers it a mistake to regard the new star in the Andromeda nebula as supporting the nebular hypothesis of Laplace, as that celebrated guess at world-origins calls only for changes in nebulous matter so slow as to be imperceptible. The real truth taught by the sudden bursting forth of this star is that the Andromeda nebula is, as many astronomers suppose, a vast galaxy of brilliant suns so distant as not to be resolvable by the most powerful telescopes, but that it is simply a star-cloud forming a part of our own galaxy or universe. And what is true of the Andromeda nebula is probably so of others, so that it may be concluded that none of the nebulae or star-clouds are external to our own galaxy, and that the other galaxies of which so much has been written do not exist.

Scott's Emulsion of Pure Cod Liver Oil with Hypophosphites.
In Loss of Appetite and General Debility.
—MESSRS. RAMSEY & CO., of Sharpshooters, Pa., makes the following report: "That they recommended a friend suffering from loss of appetite and general debility, Scott's Emulsion, that after taking half a dozen, he reported that he ate well, feels well, and is in fact a new man, and recommends it highly."

At the "hop" of a summer hotel some of the natives had been invited in. A young lady being solicited for a round-dance by a son of the soil and noticing with dismay that he was about to grasp her waist with a large and perspiring palm, she asked him if he would not kindly use his handkerchief. "O, yes, marm," said a dry cough; "leaving, and applying the cheerful blast that shook the chandler.

THE GREAT UNFAILING SPECIFIC FOR LIVER REGULATOR DISEASE
FOR THE LIVER, KIDNEYS, AND BOWELS.
AN EFFECTUAL SPECIFIC FOR Malaria, Constipation, Sick Headache, Nausea, Mental Depression, Bowel Complaints, Etc., Etc., Etc.

Endorsed by the use of 7 Millions of Bottles, as **THE BEST FAMILY MEDICINE** For Children, for Adults, and for the Aged.

SAFE TO TAKE IN ANY CONDITION OF THE SYSTEM!
J. H. ZEILIN & CO.,
SOLE PROPRIETORS, PHILADELPHIA, PA.
PRICE, \$1.00.

FREE AND EASY!
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A PLEASANT EVENING
Call and See
W. H. REED,
At his New Establishment next to Jeff's Restaurant.
"NOTHING BUT THE BEST"
Passed over the Bar.
A General Invitation Extended.
Furnished Rooms.
MRS. E. C. HOLDEN HAS ONE NICE room with fire, and two or three single rooms, to rent. Enquire corner Main and Jefferson streets. Board desired.

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ROYAL BAKING POWDER Absolutely Pure.

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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.

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Undertaker and Cabinet Maker,
SQUEMOQUA STREET,
NEXT TO THE ASTORIAN BUILDING,
—O—
WM. EDGAR,
Dealer in
Cigars, Tobacco and Cigarettes
Meerschaum and Brier Pipes,
GENUINE ENGLISH CUTLERY
Revolvers and Cartridges.
CORNER MAIN AND CHENAMUS STS.

Stockholders' Meeting.
STOCKHOLDERS OF THE FISHERMEN'S FLOUR CO. are hereby notified that a special meeting will be held at the company's office at Upper Astoria, Or., on Saturday, Feb. 6, 1886, at 9 A. M., for the consideration of general business.
By order of the President,
H. E. NELSON,
Secretary.

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Quality can Always be Depended on!
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CALL AND EXAMINE IT, YOU WILL BE PLEASED.
E. R. HAWES is also agent for **Best patent Cooking Stove**
And other first-class Stoves.
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The Best of Wines and Liquors, The Choicest Cigars.
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Through Freight on Fast Time!
THE NEW STEAMER
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