The Daily Astorian.

ASTORIA OREGON:

WEDNESDAYDEC. 14, 1881

J. F. HALLORAN. Editor

Coast Telegraph Line.

At a regular meeting of the Portland Board of Trade last Monday night says the Oregonian.

The committee to whom was referred the matter of establishing a telegraph line from Astoria to the coast made a verbal report, asking further time. Mr. Dodd, table volcances of the world. The 1783. chairman, said that every pilot, every steamship commander and every master of sailing vessels to whom they had applied for information, favored Cape Hancock, above Tillamook rock. The object of the signal service in establishing a station was, primarily, to secure more complete weather reports, and these could be better The first to come under notice is obtained from Tillamook rock Vesuvius, with an allusion to the than from the cape. Lieut. Kil- fact that Pliny lost his life in an bourne, he said, would return in attempt to approach this mountain a few weeks, and they would want a conference with him, after which they would be ready to report at a long ago a band of Neapolitan special meeting. The expressed students shared the same fate, besense of the board was decidedly cause in neither instance did the in favor of Cape Hancock, but inasmuch as they had a year ago, upon thought of or mentioned Cape scale, and the best method of ex-Hancock, they feared that a recommendation now in favor of the latter might result in neither one tively quiet. Stromboli in the being established.

Mediterranean, has been in a con-To us it seems better for many dition of regular activity for 2,000 reasons that the line should run years or more. But this activity from Astoria to Tillamook Rock is so moderate that the best opporvia Point Adams. It was the tunity has here been afforded for original intent; any change of the studying the "physiology of volprogramme now would delay the canoes."

appropriation. The intent of the The author points out the fact service would be better served by that although scientists are able to having the station at Tillamook, assign the cause for volcanoes, out on the extreme coast, where they have not so far mastered the the force and direction of the laws which govern volcanic action, wind, etc., could be accurately de- as to be able to predict the periods termined than at the comparatively of their manifestations. There can KIND PARENTS sheltered point of Cape Hancock. be no doubt that these operations To build to Cape Hancock would are governed by some great natuinvolve at least the laying of four ral laws which have not been fully miles of cable; to Tillamook but discovered. The following suma mile and a half. At Tillamook the mary is in point:

station could be approached nearer | Concerning the eruptions that than at the cape. Whatever advan- have taken place at those volcanic tages might be derived by pilots, ocean steamers, etc., from having the station at the cape would be no the intervals separating their outmore than could be derived by bursts and their relative violence. having a sub-station at Point A critical examination of those Adams. To vessels coming up, (and in general vessels are more 1. A long period of quiescence

THE colossal statue of Liberty garded not as the cause but as the consequence of volcanic activity, the gift of the French Republic to Neither does this action always the United States, is now ready, take place at the 'summits' of vol- and as soon as the country raises canic mountains, when such exist, \$200,000 to build a pedestal for it for eruptions occur quite frequent- on Bedloe's island, at the entrance. ly on their sides or at their base, to New York harmor, the statue That, too, which popular fancy re- will be sent over as a gift from gards as 'smoke,' is really condens- France to America. A national ing steam or vapor, and the sup- committee has been appointed to posed raging flames." solicit funds from all parts of the After exploding popular theo- country that the pedestal may be

ries concering earthquakes, the commenced at once and completed author describes, in the order of by the hundred thanniversary of the Grocerica. their importance, all the most no- signing of the Treaty of Peace in

more famous ones are illustrated with drawings and engravings; the latter, in many instances, are made from photographs taken on the spot. Lava streams, mountain configurations, and even dissected d 1 wk volcanic mountains are figured. during an eruption; and that not parties adopt the best method of Mrs. A. C. Gibbs, Mrs. Dr. McKinnel, studying the phenomena. A vol-Mrs. W. P. Oids. Mrs. Lichweathaler, the suggestion of Capt. Lachlan, studying the phenomena. A volrecommended Tillamook rock to cano, it is maintained, is a sort of Mrs. E. A. Beili Mrs. Dr. Josephi, Capt. W. H. West, East the department without having natural steam engine on a great amining it is while it is compara-

> PELLININAR TIME ENOUCH!

Flax and Cotton Twine, TO BUY THEIR Fishing Tackle, etc. DEAR CHILDREN BARBOUR BROTHERS CHRISTMAS 111 Market Street, San Francisco HENRY DOYLE & Co., Managers AND -ASK FOR-NEW VEAR'S CIFTS UNION INDIA RUBBER CO'S Pure Para tonio Wholesale Dealers on the Pacifie Coast are Overstocked Altogether this season with Rubber Boots and Coats. BEWARE OF IMITATION : 2. A long-continued or violent HOLIDAY GOODS! Consequently there is NO NE-3. Feeble and short eruptions CESSITY any longer usually succeed one another at etured. FOR SALE BY ALL DEALERS. 4. As a general rule, the vio-ALL KINDS RUBBER DELTING, PACK-TO PAY lence of a great eruption is in-ING. HOSE, SPEINGS, CLOTHING, versely proportionate to its dura-BOOTS AND SHOES, Etc. GOODYEAR RUBBER CO. 200 PER CENT The author notes that the num-E. H. PEASE, Jr. S. M. RUNYON, 0022512302001400002049202041 Agents, San Franci PROFIT HOLMAN'S PAD. On every thing you have to purchase a keep up the good old exitors. FOR THE Efferting to the above facts, the under-signed respectfully functioners that he has received advices of a consignment made to him of an extensive and currently selected assormment of FIEST CLASS HOLDAT GOODS and TOYS, which are to be offered at private sale for a lew days at STOMACH, LIVER. Prices which will Astonish the ANDAutires, Carling 1 KIDNEYS. After writen on In all cases of billious Saturday. December 24th. In all enses of billionsness and malaria in every form, a preventative and cure of chills, fever and damb ages, Dr. Holman's fast is a perfect success. And for dyspepsia, sick headautic and nervous prostration, as the pad is applied over the pit of the stonned, the great nervous center, if sampliates the different force. ness and mataria All the stock remaining on hand will be sol-At Public Auction And the consignental closed ont WITHOU RESERVE. E. C. HOLDEN, It regulates the liver and stemach so supwhich it is made up is grossly in- known to exist. In Asia twenty- Free to Everybody ! A Beautiful Book for the Asking Beware of Bogus Pads. By applying personally at the nearest offic of THE SINGER MANUF AUTURNO Co for by postal card if at a distance), and adu person will be presented with a heant illustrated copy of a New Book multited GENIUS REWARDED. -01 THE-Story of the Sewing Machine. of which a communication is kept there are six upon the peninsula Containing a handsome and costly steel en graving frontispice; ; also, 25 finely engraved wood cuts, and hound in an chalemate blue and gold lithographics cuter. No charge whatever is made for this fundatione book, which can be obtained only by application at the branch and subordinate offices of The Singer Manufacturing Co. The Singer Manufacturing Co. Ship and Cannery work, Horseshoeing, Vagons made and repaired. Good work Principal Office, 34 Union Square, Wago NEW YORK. guaranteed.



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apt to be below the bar than above is generally followed by an erupit) the Tillamook station would be tion which is either of long duraof far more benefit than the Cape tion or great violence. Hancock one. Of course it would eruption is usually followed by a

be most desirable to have two, one prolonged period of repose. at each; but at present only one can be expected, and to insure the maximum amount of benefit from brief intervals. the station it should-in our judgment-be at Tillamook.

Volcanoes.

THE Bulletin furnishes the fol- ber of volcanic vents now believed lowing review of an interesting to be in active condition, is be book recently published, entitled tween 300 and 350, but the num-"Volcanoes; what they are, and ber which are now for the most what they teach." The careful part dormant exceeds 1,000. The reading of the book will serve to smaller temporary openings of a dispel some popular errors touch- sabordinate character, which have ing the phenomena of volcanoes. at some time been active as vents, The author begins by citing ans- number tens of thousands. The wers usually given in school-books feebler manifestations of volcanic to the question "What is a vol- forces such as are exhibited in cano?" "A volcano is a burning stufas' or steam jets, geysers or mountain, from the summit of intermittent hot springs, thermal which issues smoke and flames." and mineral waters, fumaroles This entire statement must be set emitting various gases, salses or aside: "The description which we spouting saline, and muddy have quoted is not merely incom- springs and mud volcanoes-may plete and inadequate as a whole, be reckoned by thousands." In but each individual proposition of Africa ten active volcanoes are accurate, and, what is worse, per- four active velcanoes are known. versely misleading. In the first There are twenty in North Ameriplace, the action which takes place ca, and thirty-seven in South at volcanoes is not 'burning' nor America. There are six volcanoes combustion, and bears, indeed, no in the islands of the Mediterrarelation whatever to that well- nean, and one on the main land. known process. Nor are volcanoes Europe, therefore, has the small necessarily 'mountains' at all; es- est number, but their historical sentially, they are just the reverse importance makes up for lack of -namely, holes in the earth's numbers. Nearly all the great volcanoes are either upon islands crust, or outer portion, by means or very near to the coast. Thus, up between the surface and the of Kamtschatka. But none are interior of the globe. The author further affirms that when moun-forces at work beneath the crust tains do exist at centers of volcanic of the earth is illustrated in the activity, they are simply the heaps lifting of mountains up in the of materials thrown out of their ocean and above the former surholes, and must therefore be re- face of the land.