

AMERICA FOR MERCHANT MARINE TO DEVELOP INTERESTS Secretary McAdoo Reports That Leading Statesmen Say Carriers Are Needed. INTER-CONTINENTAL LINE

Washington, May 20.—"I wish that every American business man and capitalist could visit these Latin-American countries and see for themselves how rich they are in natural resources, how rapidly they are developing and how full of opportunity they are for American capital and enterprise."

Secretary of the treasury, upon his return from an extensive tour of Central and South America as a member of the International High Commission, which held sessions in Buenos Aires April 3 to 13. He continued: "I had the honor of meeting and conversing with the presidents of Brazil, Uruguay, Argentina, Chile, Peru, Panama, Cuba and Haiti, and I also met many of the leading statesmen of South America, with whom I discussed questions of national interest. Everywhere I found an earnest desire to attract American financial and political relations with the United States, and everywhere we went there was a genuinely friendly attitude and a complete absence of the suspicion and jealousy which the United States which has, until recently, excited to a more or less degree in some, at least, of the Central and South American countries."

"This is a very fortunate development. It is due primarily to the policies and utterances of President Wilson and to the suggestions made by the United States for the acquisition of the territorial integrity and political independence of all the American republics. If this happy consummation can be realized it will do more for the economic and political future of the Americans than any single political act of the last century. It will be a transcendent achievement if it can be realized. It is the desire of every American nation, large and small, can be made secure through unity of action and interest. With this accomplished there is no limit to the future of the Americans—they will be as impregnable as they will be potential for good. The numerous pan-American conferences, recently held, bringing together the leading men of the various Latin American states, have contributed greatly to a better understanding and have helped to create a sentiment in favor of pan-American unity and solidarity."

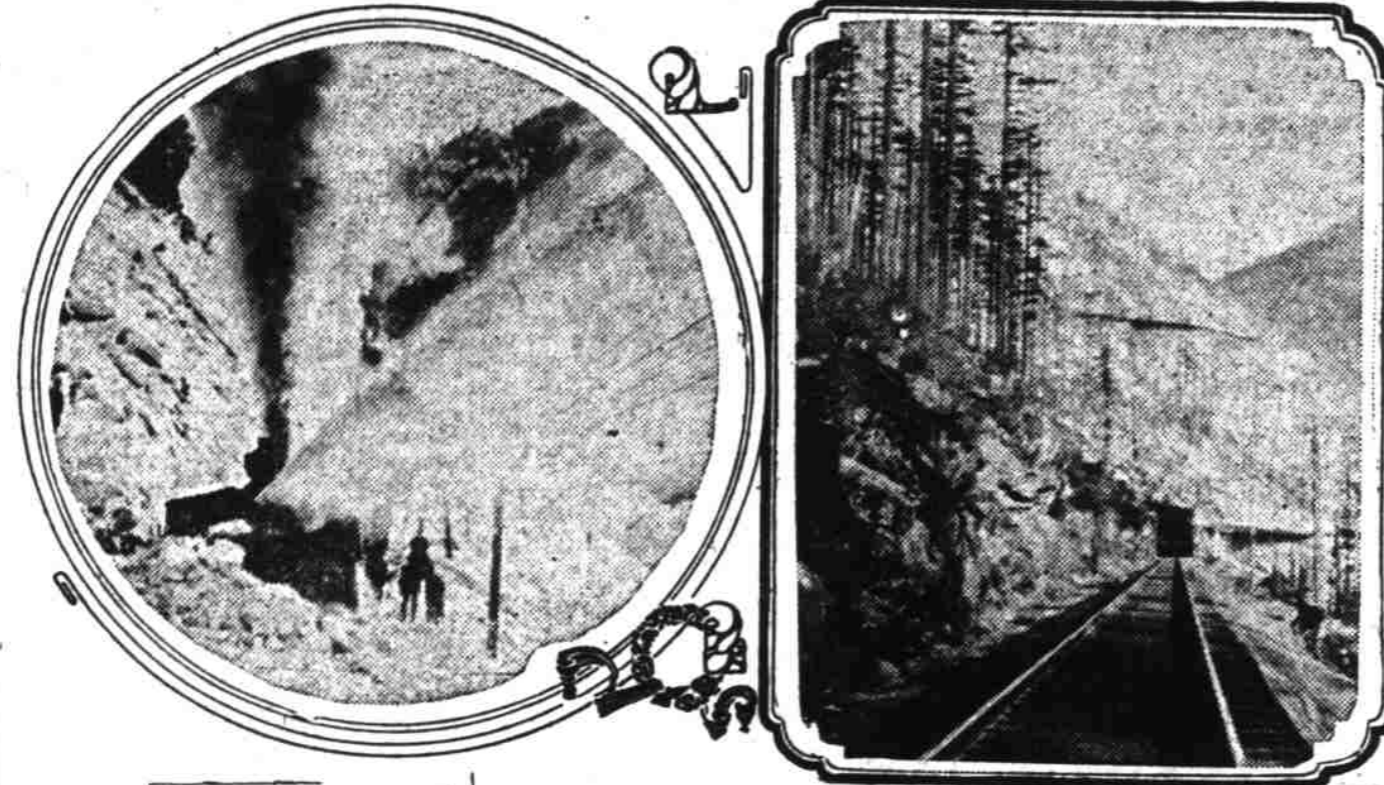
Merchant Marine Real Need. "Every leading statesman in South America with whom I talked emphasized the need for a merchant marine under the flag of the United States, or under the flags of the different American nations, if American financial and commercial relations are to be developed on a permanent basis. Without a single exception they all concurred in the view that the merchant marine question is the most important one now confronting the American states. The hope was expressed in every country and was voiced in the resolutions unanimously adopted by the international high commission. The United States will promptly solve this pressing problem, and there was frank recognition that the United States alone has the financial resources to strengthen the merchant marine in the United States and to help the other states to do so. The hope was expressed in every country and was voiced in the resolutions unanimously adopted by the international high commission. The United States will promptly solve this pressing problem, and there was frank recognition that the United States alone has the financial resources to strengthen the merchant marine in the United States and to help the other states to do so."

Time Rule for Action. "Many prominent men told me that there has been an abundance of inter-American conferences and friendly expressions of opinion, but that concrete results had been relatively small; that if the United States wanted to take advantage of the greatest opportunity in its history to strengthen its commercial relations with the Latin American states, it would be necessary to do more than merely exchange friendly messages and sentiments; that the surest way to bring about a closer relationship was the establishment of ample means of communication, so that the products of the different countries could be quickly moved in mutually profitable trade with each other. Sufficient credits would then follow, because wherever there is profitable trade between the people of different countries it is difficult to find the means of financing it."

An Intercontinental Railroad. "Another question of great importance is the completion of the Intercontinental Railway connecting North and South America, such as the Isthmus of Panama. Outside of ocean transportation, no other undertaking more essential to the future development of North and South America than the construction of this great railway. It is a very practical idea and one that can be realized at much less cost than the Panama Canal. This is the kind of constructive enterprise that appeals to the imagination and interest of our people. There are no people to whom a great and daring development of this character appeals so strongly as the people of the United States. It is the ideal of pan-American unity, based upon mutual guarantees of territorial integrity and political independence should come about, the construction of this pan-American trunk line will be all the more important and all the more easily secured, because there will be no hesitation then about the adoption of a standard gauge in all countries. As it stands, different gauges have been adopted by various countries as a protection against invasion of one by another. This fear will disappear and greater cooperation will be assured when territorial integrity and political independence of each nation is removed from doubt."

A \$150,000,000 Enterprise. "The total distance between New York and Buenos Aires by rail is 12,000 miles, of which approximately 7,000 miles have been built and are now in operation, leaving approximately 5,000 miles to be constructed. The principal gaps in the Intercontinental railway are in the countries of Central America and in Colombia, Ecuador and Peru in South America, and the estimated cost of construction is, roughly speaking, \$150,000,000. With these links completed it would require only a relatively small amount of additional construction to connect the main trunk line with Santiago, Chile, and Rio de Janeiro, Brazil, and then practically all the principal capitals of Central and South America will be connected with each other and with all the cities of the United States. All aboard for Buenos Aires, when the railroad stations of New York City will be a thrilling announcement. Some day, and in the not remote future, this announcement will be heard."

DENUDED FORESTS CAUSE AVALANCHES



Forest Service Completes Its Second Study of Conditions in Cascades.

The United States forest service has just completed its second study of avalanches in the northern Cascades, and the conclusions which it has reached. The first study was made in 1910, after the disastrous slides of that year, and the second was made this spring, to observe the effects of the heavy snows of the past winter in the same region. The observations in 1915 were made by W. F. Hamdell, of the Wenatchee national forest, and his report has recently been placed on file in the forest service office.

In 1910 an examination was made not only of the whole territory in which slides had been prevalent, but an extensive or detailed examination was made of conditions along Nason creek, between Berne and Gaylor, and also at a place where a slide occurred in 1910. The observations in 1915 were made by W. F. Hamdell, of the Wenatchee national forest, and his report has recently been placed on file in the forest service office.

Unusually Large Snowfall. "Conditions during the past winter differed from those of 1913 in that there was not the thawing and freezing and thawing again that that season, but there was an unusually large quantity of snow—records kept at Cascade tunnel show the total snowfall to have been 58 feet. Slides occurred in 1916, not only where there had never been trouble before, but in greater numbers than in 1910. In Tumwater Canyon, for instance, but nine slides occurred in 1910, whereas in 1916 on March 13, notes were taken in this canyon upon 48 slides which had crossed the railroad track in width varying from 40 to 350 feet, and burying it to depths from 10 to 50 feet."

In 1910 heavy snow fell early in the winter, followed by a thaw and then a freeze, leaving the snow areas crusted and smooth. The next heavy snow falling upon this icy surface readily slid off, propelled by its own weight, just as the snow slides off the sloping roof of a building. In the winter of 1915 the snow was of a different character, being light and fluffy, and it did not help but topple away from cliffs and steep slopes.

Two Types of Slides. "Both studies brought out, first, that there are two types of slides—canyon slides and slope slides. A canyon slide is one which originates on the steep and rocky cliffs at the head of a canyon or gulch, and follows down the depression as a compact, narrow body of snow. Slides of this character occur all over the Cascades, and must be considered the unavoidable results of steep, rocky slopes in the leading states. A slope slide consists of a wide, shallow, rather slowly moving mass of snow, which breaks loose from the snow mantle higher up the mountainside, and which, starting to slide, involves the whole slope, and follows down the mountain side without converging into a canyon. Again, it may be likened to a mass of wet snow sliding in a body off the roof of a large building after a sudden thaw."

Slides Are Contrasted. "Such a slide was that at Wellington in 1910, which came down a smooth, bare, but not very steep slope, that, until the fire 23 years ago, had been heavily forested. Slope slides are usually shorter and follow a steeper and less snow less solidly packed. In comparison with canyon slides, they are short and wide, instead of long and narrow. Their velocity is usually not great, but the enormous weight of the wet snow gives them great momentum and crushing power.

The canyon slides occur in the same places every year, and have well worn paths. They less damage than slope slides, because their locality is well known, and property can be located to avoid them, or be protected from them by snowsheds and the like. Slope slides, on the other hand, are usually unexpected, and the result of climatic conditions.

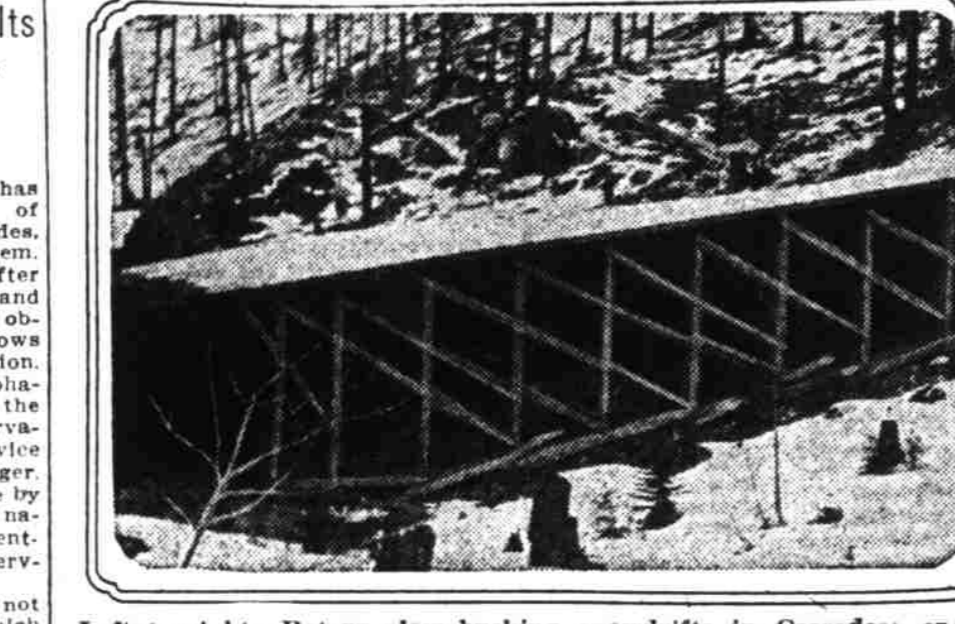
Both studies also brought out the fact that these slope slides occurred almost without exception on areas of denuded forest. The forest service has been studying the effects of denuded forests on avalanches, and has found that the removal of trees from a slope removes the natural barrier which protects the slope from avalanches, and that the removal of trees from a slope removes the natural barrier which protects the slope from avalanches, and that the removal of trees from a slope removes the natural barrier which protects the slope from avalanches."

Prohibitionists Have Ticket. Dallas, Or., May 20.—The Folk county ticket in the field. O. E. Dennis of Dallas has been nominated for county commissioner; Mrs. Blanche Paul of Falls City, for representative; D. G. Beatty of Dallas, for joint representative; M. G. Ellis of Dallas, for district attorney.

Paper Traveled Long Ways. Danville, Ill., May 20.—William Winter advertised in a German paper for his brother, whom he had not heard of for 30 years. The brother saw the advertisement in Johannesburg, South Africa, and sent his son, a star winther, to visit William.

Kansas Chauffeurs' State. Topeka, Kan., May 20.—Chauffeurs are not the style in Kansas. For the 84,000 motor cars in the state Kansas has only 573 chauffeurs, according to figures compiled by Secretary Hohler of the state board of agriculture.

Gets Sixth Reprieve. Springfield, Ill., May 20.—Governor Dunne has signed the sixth reprieve he has granted to Elston Scott, negro murderer, under sentence of death by



Left to right—Rotary plow bucking snowdrifts in Cascades; end of snowshed, showing protecting stand of timber above exposed track. Below—Details of construction of snowshed.

which had been deforested by recent fires. If avalanches had occurred on slopes such as those near Berne and Wellington periodically, or even occasionally, for centuries, as they have on the canyon slides, there would have been no costly forest of huge trees on these slopes, as there certainly was until the fires of recent years destroyed it.

In the region examined there are many forested slopes on which slides occurred, and the land and property of enormous value. The northern Cascade region is still, for the most part, a wilderness, and the property threatened is chiefly that of the transmountain railroads. It is not altogether possible to avoid placing these railroads in the path of avalanches, and millions of dollars have been spent by the railroads in building snow sheds to protect their property, and in clearing the tracks from debris after avalanches.

It is quite evident that the general public is awake to the necessity for more effective protective measures. During the course of the forest service study of the snow sheds, the observations made by E. A. Beas, of the weather bureau, after the slides of 1910, many people living in the vicinity of slide areas were interviewed—ranchers, miners, loggers, railroad, business and professional men—and all were either already of the opinion that forest cover prevents avalanches, or were quite ready to accept this opinion as obviously true. It is fully realized, however, that whatever preventive measures are taken will, of necessity, be slow in operation, and the next generation will benefit by them more than the present.

Cooperation Is Necessary. "It is doubtful if the prevention of canyon slides is practicable in the northern Cascades. Avalanches of the slope type, however, are unnecessary and preventable. Their frequency can be greatly lessened by (1) the absolute fire protection of the areas now forested; (2) by the exclusion of grazing from the slopes, for sheep tend to retard vegetation; (3) by careful cutting of timber on the slopes, so that only a part of the stand is removed and the continuity of the forest cover is preserved; and (4) by the reforestation of denuded areas wherever possible.

As federal, state and government lands are so closely intermixed in the northern Cascades, the closest cooperation is necessary for success. It is hoped that the Swiss government, which has been successful in preventing forest fires and by reforesting denuded slopes.

Value of Forests Recognized. "A record such as this cannot be gained. In fact, the role which the forest plays in preventing the formation of avalanches is well recognized in Europe. For centuries it has been the aim of the Swiss government to keep unbroken the forest cover on the mountains, and to extend the natural limits of the forest cover as high up on the slopes as possible. As early as 1342, "burns" or protection, forests were created, and are now administered under a system which insures the continuance of a solid forest cover over the slopes where trees can be made to grow.

Many of the places where avalanches originate are at too high an altitude, or are too rocky for tree growth. In such places the Swiss government builds walls of stone or wood, terraces, ditches or rows of posts as barriers against

Chickens the Cause of Holbrook Closing Out Tailor Business. Dallas, Or., May 20.—The folk county ticket in the field. O. E. Dennis of Dallas has been nominated for county commissioner; Mrs. Blanche Paul of Falls City, for representative; D. G. Beatty of Dallas, for joint representative; M. G. Ellis of Dallas, for district attorney.

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Information for Fishermen. A small advertisement with a fisherman illustration.



SOME FISHING! ONLY A FEW MILES FROM PORTLAND IN THE SALMONBERRY AND NEHALEM RIVERS

REACHED BY SOUTHERN PACIFIC LINE TO TILLAMOOK COUNTY. LEAVE PORTLAND 7:45 A. M. BEST OF SPRING OUTINGS IS A FISHING TRIP WEEK-END FARES MAKE THE COST REASONABLE.

Call at City Ticket Office, Corner 6th and Oak Sts., FOR COPY OF "FISHING BULLETIN"

JOHN M. SCOTT, GENERAL PASSENGER AGENT

SOUTHERN PACIFIC

Special Train Service Saturdays and Mondays, May 29, for

DESCHUTES ANGLERS

Oregon Trunk Ry, Central Oregon Line

Every Saturday and also Monday, May 29 (account Decoration day), North Bank-Oregon Trunk train (no change of cars) will leave Fallbridge 12:50 a. m., arriving Friday 4:57. North Junction 4:30, South Junction 5:00 a. m., other points corresponding time. Returning, train will leave Bend 6:30 p. m., Sunday and also Tuesday, May 30, South Junction 9:28, North Junction 9:58, Friday 10:21 p. m., arriving time Portland 8:00 a. m., unchanged.

Tourist sleeping car—berths \$1.00—carried on train 8, leaving Portland 6:00 p. m., North Bank Limited, leaving Portland 7:30 p. m., connects with Deschutes train at Fallbridge.

Ask to have our fish bulletin mailed you. CITY TICKET OFFICE FIFTH AND STARK STREETS

THE PLACE TO FISH

For trout in one of the line of the W. Lamette Valley Southern R. R. Good trout streams which are reached on this line are Buckner Creek, Milk Creek, Molalla River and Butte Creek. All mountain streams. Leave Portland, 1st and Alder, at 9:15 a. m. and 7:40 p. m.

Trains also leave Oregon City throughout the day. First train leaves Oregon City at 7:50 a. m.

Where to Get It

WHY PAY \$6 FOR GORDWOOD

NEW TODAY 6% Choice Loans of \$10,000 and Up On Improved Business Property (or Real Estate Improvement Purposes). J. F. LIPSCOMB, 242 Stark Street.

MORTGAGE LOANS \$300 Upwards at 6-7-8% Oregon Investment & Mortgage Co. Offices 202-4, 170 3d St.

FOR EXCHANGE Down Town Clear of Incumbrance 50x100 Foot Business Lot Some Income PRICE \$75,000 Want Income Property to \$125,000 F. E. TAYLOR CO. INSIDE PROPERTY DEALERS Ground Flr. Henry Bldg.

JOIN THE NEXT EXCURSION TO THE SUNNY SOUTH!

"Where crops grow every month of the year." Where health abounds, where the bright, sunny days, dry, invigorating air, cool nights and pure water drive away catarrhs, rheumatism, neuritis, etc. The perfect climate of the south in the famous Salt River Valley near the Roosevelt Dam. The valley where oranges and grapefruit ripen 6 weeks ahead of most California fruit, therefore bringing the highest prices. Big profit in winter gardening. Unequaled for dairying, hog and poultry raising. Alfalfa as high as 16 tons per acre. Near tract now open at Marinette, on the railroad, 16 miles from capital of the state. For information write or call on C. F. PALMISTO, BORG, 625 Yeon Bldg., Portland, Ore. Main 1824. Office open evenings.

7 1/2 ACRES HEALTH RESORTS MAKE CARSON FAMOUS

Near Portland on Columbia River, 7 1/2 acres, chicken and truck farm, house, 3 1/2 acres in 4 year old commercial orchard, balance cleared, all fenced, city water, located 1 mile from Carson and Hot Springs resorts, 12 miles from logging camps and U. S. Forest station. Wholesome in location, work, good markets. Owner forced to sell far below cost, no commission to agents. C. F. PALMISTO, 625 Yeon Bldg., Portland, Ore. Office open evenings.

HOLMAN CO. ESTABLISHED 1877. RELIABLE UNDERTAKERS AND FUNERAL DIRECTORS LADY ASSISTANT THIRD AND SALMON STREETS. MAIN 507, A-1511.

WEST SIDE APARTMENT HOUSE BARGAIN.

10 minutes walk from postoffice south of Morrison and east of Broadway. Over 100 rooms furnished; stores on ground floor; corner of two prominent streets; 110 feet frontage on one and 100 feet on the other; property is earning well; the building is in excellent clear property and some cash, amounting to about \$35,000 will be considered by owner as first payment.

CONCRETE WAREHOUSE WEST SIDE

100 by 100, with 15-foot balcony all around, spur track. MONTHLY RENT OR LEASE This Means Money to You. BROADWAY 5747

NEW TODAY 6% Choice Loans of \$10,000 and Up On Improved Business Property (or Real Estate Improvement Purposes). J. F. LIPSCOMB, 242 Stark Street.

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FARM LOANS Mortgage Company for America, 2000 2d, Almsworth Bldg., Portland, Or. Phone Main 6841.

Fearey Brothers, Inc. COLLECTORS 806 Dekum Bldg., Portland, Or.

WE WILL BUILD IN ANY PART OF CITY HOMES costing from \$20,000 to \$50,000. Also apartments and flats. We have money to loan. Call and see plans. F. E. BOWMAN & CO., 272 Stark St.

MONEY TO LOAN On City and Farm Property in Any Amount at Current Rates. Harman & Thompson, Bankers, Corner of Fourth and Oak Sts.

NEW TODAY Auction Sales AT WILSON'S AUCTION HOUSE 166-8 First St., Nr. Morrison Regular Sales Days Monday, Wednesday and Friday Each Day at 10 a. m.

FOR MONDAY'S SALE, complete Furnishings of 12 rooms from the Storage House, including Leather Seated Rockers, Couches, Ladies' Desks, Library and Center Tables, Scott Oak Dining Table, Six Bed Extension Table, set Box Seat Chairs, with carver, Crockery and Glassware, Complete Parlor and Living Room, Rooms, including Iron Beds, Springs, Mattresses, Pillows, Sheets, Spread, etc. Also a lot of new furniture, including Bird's Eye Maple, Chiffoniers, Ward robes, Commodore, Carpets, Rugs, Steel Bed, etc. and a lot of other goods. H. H. Treasure, Leaf Tables and other Effects.

For Private Sale

One "WEBER" GRAND PIANO in Rosewood Case. One "KINGSBURY" PLAYER PIANO Mahogany case, with cabinet in Mahogany Case. One "VOSE & SON" UPRIGHT PIANO in Ebonized Case.

FURNITURE

Room-Size Rugs and Carpets Steel and Gas Ranges REFRIGERATORS

Wilson's Bankrupt Stock Store

173 Second St., near Yamhill (Main 2032) BANKRUPT STOCK STORE FIXTURES

Removal Auction Sale

Monday, 2 p. m. 211 FIRST STREET

Ford Auction Co.

WE WILL SELL AGAIN ON Wednesday and Friday, at 2 p. m. Each Day, at 211 First Street.

INCOME

TWELVE PER CENT NET. Five-Year Lease. ONLY \$30,000 CASH REQUIRED. Don't Hoard Your Money! Work It!

Also a Business Lot

DOWN TOWN, ONCE REFUSED \$20,000. NOW WILL SACRIFICE FOR \$8500 On Terms of \$3500 Cash.

DEATHS AND FUNERALS

W. G. SMITH & CO. Weddings and Visiting cards. Third floor Morgan Bldg.

Uital Statistics

Business Cards. W. G. SMITH & CO. Weddings and Visiting cards. Third floor Morgan Bldg.

NEW TODAY Auction Sales Geo. Baker & Co. ESTABLISHED 1892. TOMORROW (MONDAY) AT THE C. O. PICK TRAY & STG. CO.'S WAREHOUSE, 2ND AND PINE STS.

WE WILL SELL AT PUBLIC AUCTION FOR NON-PAYMENT OF STORAGE CHARGES, 2nd and Pine Streets, Carpets, Rugs, Boxes of Household Goods, Trunks, etc. as per list which has been advertised according to law in the Daily Abstract, first publication April 25, 1916; last publication May 20, 1916. AUCTION WILL START AT 10 A. M. ON MONDAY, MAY 22, CONTINUING UNTIL ALL IS SOLD.

Conditions of Sale

BUYERS TO TAKE CHARGE OF THEIR PURCHASES AT FALL OF THE HAMMILL. By order C. O. PICK TRAY & STG. CO., Office and Warehouse, 2nd & Pine Sts., GEO. BAKER & CO., Auctioneers. OFFICES 100-108 PARK ST.

ON TUESDAY NEXT

We shall sell the costly furniture, our glass, Haviland china, etc., from the estate of the late Mrs. J. H. Hammett, comprising costly oak desk, library table, several leather seated rockers, very elaborate easy chair covered in wool tapestry and stuffed with down and white horse hair. This chair cost \$15. Also a lot of other goods, including sets of books, oil paintings and pictures, davenport, hall tree, Asinister rug, brick-a-brack, quartered oak dining room suite as follows: Empress bed, dresser and chiffonier, brass bed, enamel steel beds, best steel springs, silk fluff, hair and felt mattresses, pillows, wool blankets, good bedding, separate dressers in ivory and corkswood and oak, quartered oak dining room furniture, Haviland china dinnerware, several lines of fancy china, a large quantity of cut glass, silverware, plaster plaques, Webster dictionary and stand, portieres, lace curtains, refrigerator, steel range, gas range, kitchen outfit and many other lots.

THURSDAY NEXT

We shall sell furniture, carpets, etc., from residence of Mrs. J. H. Hammett, at 10 A. M. ON THURSDAY NEXT AT 10 A. M.

On Wednesday, May 31, '16, at Our Salesrooms, 166-68 Park Street.

We will sell unclaimed baggage, etc., for the Baggage Transfer Service company and D. L. Houston for proprietor of new storage house, not to be seen at auctioneers' offices.

Auction Sale Tomorrow

AT THE C. O. PICK TRAY & STG. CO.'S WAREHOUSE, 2nd and Pine Sts., piano, furniture, etc. sold for storage charges. Sale at 10 a. m. and 2 p. m. GEORGE BAKER & CO., Auctioneers.

MEETING NOTICES

KIRKPATRICK Council 2227, Klutha. Ladies of second week dining. Friday, May 25, 8:30 p. m. at the home of Mrs. J. H. Hammett, 166-68 Park Street. Cards 50c Entertainment. Entertainment, dancing, food, prizes. Union music. Good prizes. You are invited to come.

ANCHOR Council

Ladies of Security, No. 744, will give their monthly meeting, May 24, 8:30 p. m., at the home of Mrs. J. H. Hammett, 166-68 Park Street. Everybody welcome. Admission 50 cents.

PORTLAND STAR HOMES

W. M. A. regular meeting Monday evening, Salinas, Hirsch bldg., 385 Wash. St., at 8:00 p. m. Refreshments served. RICHENBACH, Cor., P. J. DARLINGTON, Clk., 211 1st St. 500 PARTY and 500 W. O. This Tuesday, 11th st., given by Marguerite camp No. 1349, H. A. A., cards, at 8:30 sharp. Refreshments 10c.

EMBLEM Jewelry a specialty, buttons, pins, charms. Jaeger Bros. 131-3 6th.

W. G. SMITH & CO. Weddings and Visiting cards. Third floor Morgan Bldg.