

Markets.

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108 KING STREET.
G. J. WALLER, : : MANAGER
Wholesale and Retail
BUTCHERS
—AND—
Navy Contractors.

BEST OF MEATS.
Families desiring tender roasts, juicy steaks and chops should call on the
Central Meat Market
We make a specialty of family trade and sell the best at reasonable figures.
H. E. GARES, Proprietor.
214 Nuuanu St. Telephone 104.

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Sterling 25c!
Silver
25c! Thimbles!
Gold, Silver and Plated Ware, in the Latest Designs,
.....FOR.....
The Season!

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WATCHMAKER, MANUFACTURING JEWELER AND OPTICIAN.
M. R. COUNTER
507 Fort Street.

LATEST STYLES JEWELRY
By last steamer from the Coast.
THE REGULAR THING
At my store, where the
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Is done—repairing and new work both. Pins, rings, bracelets, watch making, etc.

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G. DIETZ, Practical Watchmaker
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Repairs fine complicated Watches, Clocks, Music Boxes and Jewelry.
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Your work solicited, and the finest class of service AT REASONABLE PRICES GUARANTEED.

Only White Labor Employed
All Flannels and Silks washed by hand. Ordinary Mending, and Buttons Sewed On.

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ED. A. WILLIAMS, F. D., MANAGER.

EMBALMING
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Office and Parlors
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Subscribers are furnished with from five to six lists per week, giving an accurate record of all deeds, mortgages, leases, releases, powers of attorney, etc., etc., which are placed on record.
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HAWAIIAN Mercantile Agency
210 King street,
Difficult Collections a Specialty

"Calumet" makes the lightest, sweetest and most wholesome bread and pastry.
CALUMET Baking Powder
NONE SO GOOD.

When WE Offer An Article For Sale
And call it something, we're quite sure there's no false label on it; quite sure, indeed, that it is just what we call it, or we wouldn't expect to hold our position in the trade very long.
We haven't labored steadily well on toward the quarter century mark to reach the top in our line of business just to fool away that good name we prize so much on a game of chance like misrepresenting an article of food.

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211 FORT STREET.
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Wholesale and Retail! Dealers in - - -
Staple and Fancy - - -

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P. O. Box 207.
H. MAY & CO.
Wholesale and Retail Groceries.
515 & 517 Fort St., Honolulu
Telephone 22 P.O. Box 470
Photographers.

WARNING TO TOURISTS!
The climate of all tropical countries is very hard on films, plates and all things pertaining to photography. Many experts come down here, obtain a large number of negatives, which they take home with them to develop,—only to find that they have LOST ALL THEY HAD, owing to climatic deterioration. Bring your work to us and we will guarantee satisfaction or NO PAY. Can you ask for anything squarer than that?
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Artistic Photography!
We turn out the finest work at the most reasonable prices. Souvenir Views of the Islands in endless variety.
J. J. WILLIAMS,
At the Old Stand On Fort Street—: :
Pop-corn Crisps!
THE HAWAIIAN CRISPS COMPANY
HAS MOVED into the premises lately occupied by Mr. Joseph Tinker as a meat market, on Nuuanu street, opposite Chaplain street.
A Full Supply of Fresh Crisps Made Daily!

OUR RIFLED MORTARS
THE ARMY'S ORDNANCE TESTED BEFORE SANTIAGO.
They Are Little Compared With Naval Guns—Their Accuracy of Fire and Destructive Effect—Plans For Using Them In Porto Rico and Against Havana.
When the campaign against San Juan, Porto Rico, opens and the American troops begin to hammer for entrance into the city of Havana, there will be no more important piece of ordnance used in the operations than the little rifled mortars that threw explosives, shells and heavy steel projectiles with destructive effect against the Spanish intrenchments and rifle pits between the American lines and Santiago. The field mortars are believed by the army men in Washington to have played an important part in compelling the surrender of the Spanish troops and to have assisted in the capture of strategic points which otherwise might not have been taken without severe loss to the invading soldiers.
These little mortars have not been generally adopted in armies, except in the United States, and never had an actual trial against an enemy until the recent fight between Shafter's men and those of General Toral. They are light, can be readily transported with an advancing body of men, are quick of fire and are almost as accurate as the rifled fieldpiece. Although the shot fired from one of them describes a trajectory that takes it soaring hundreds of feet up in the air, the accuracy of fire is so great that an exploding shell can be dropped two miles away within a space no larger than a good sized ballroom.
With the modern mortar provided with a rifled chamber and breechloading apparatus the ordnance experts claim that they can plump a shot into any ordinary sized rifle pit and knock the top off any house at which it is aimed within the radius of its action. Although the projectile goes high in the air and then takes a plunging course, the range can be accurately reached by reducing or increasing the powder charge. The explosion of a 7 inch shell in a rifle pit should kill or severely injure every man in it, and if one fell behind an intrenchment where men were assembled thickly it would have the power to wipe out practically half a company.
Mortars, howitzers and field guns were the heavy ordnance used by the army in front of Santiago, but for shelling a city no piece was believed by the officers to be better adapted for effective work than the mortar. Two kinds are used in the army, the heavier being the 7 inch and the other the 3.6 inch. The heavy mortar has a weight of 1,715 pounds and a total length of only 58 inches, the length of the bore being seven calibers. A projectile weighing 120 pounds is used for the important work of clearing rifle pits and can be sent accurately to a distance of considerably more than three miles and dropped within a space 100 by 12 feet three times out of five. To send this shell through the air only 5 1/2 pounds of powder is required, which develops an initial velocity for the projectile of about 650 feet a second. The pressure exerted is 18,000 pounds to the square inch, which seems high for so small a charge, and the range of the mortar is placed at 4,340 yards, or nearly three miles. The fighting range which will be generally employed, however, is not expected to exceed two miles. Inside the 7 inch mortar shell is 12 1/2 pounds of powder, whose explosion throws hundreds of small pieces of the shell in every direction. A fuse ignites the powder as the shell strikes the ground and if the explosion is instant the destruction in its immediate vicinity should be terrific. Should the shell, however, hit soft earth and bury itself before exploding its effectiveness is practically lost. The experience in firing mortars at Santiago showed that this occurred infrequently.
These mortars are adapted to fire the projectiles of the 7 inch howitzer as well as the shells. Besides the ordinary shell the mortar is intended to fire as well a steel shell of 150 pounds weight and approximately of five caliber length, charged with high explosive for great destructive effect. Reduced charges of powder can be used to make the effective limit of fire cover ranges between 750 yards at 15 degrees elevation and 4,340 yards at 45 degrees elevation. This piece supplies the heaviest caliber that the army regards as necessary for field purposes and is intended for just such purposes as those to which it was put at Santiago.
The 3.6 inch mortar is fired from a solidly constructed platform weighing 200 pounds. The platform is held in position by stakes, the recoil being taken up and kept within limits by ropes made fast to an anchor stake. The range of this mortar varies from 300 yards to 3,300, and its fire is just as accurate as that of the larger piece. Twelve ounces of powder explodes the shell, and the amount required to propel it varies from five ounces for the smallest distance to 15 ounces for the greatest obtainable range. Experiments with this piece show that almost every shot can be landed within the space of an ordinary room.
So satisfactory have both these weapons proved in the Santiago campaign that they will be still more widely used in the attacks on San Juan and later on Havana. If it becomes necessary to bombard either place by the land forces these pieces will do a great part of the work. They are to the army in creating havoc to the intrenchments what the big 12 and 16 inch coast defense mortars are to a fleet of approaching war vessels.—New York Sun.

Attorneys.
GILBERT F. LITTLE, ATTORNEY AT LAW.
HILO, HAWAII
William A. Henshall, Attorney at Law
113 Kaahumanu Street. Tele. 663.
CATHCART & PARKE ATTORNEYS-AT-LAW
13 Kaahumanu Street
CHARLES F. PETERSON Attorney at Law and Notary Public.
Kaahumanu Street.
W. C. ACHI, ENOCH JOHNSON, ACHI & JOHNSON, Attorneys and Counselors at Law.
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SPRECKELS BUILDING, Room 5, 305 Fort St., Honolulu, H. I. 1069
GEORGE A. DAVIS, Attorney at Law, NOTARY PUBLIC AND CONVEYANCER.
206 Merchant Street.
Deeds, Mortgages, Agreements, and other documents drawn-up and after Monday, the 9th of January, A. D. 1899.
Office Hours from 9 a. m. to 5 p. m. Honolulu, January 4, 1899. 1109
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Alakea, near Hotel street, (removed from Hotel St.)
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Office Hours: 8 to 10 a. m.; 1 to 3 p. m.; 7 to 8 p. m. Sundays: 8 to 10 a. m. Telephone 510. P. O. Box 501.
DR. A. N. SINCLAIR, 413 KING ST., NEXT OPERA HOUSE.
Hours: 9-10 a. m., 1-3 p. m., 7-8 p. m. Sundays, 12-2 p. m. Telephone 741. 1107-3m
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Office: 537 KING STREET, near Punch-bowl, Honolulu, H. I.
.....TELEPHONE No. 448.....
Hours: 8 to 9 a. m.; 2 to 5 p. m.; 6 to 7 p. m.
At Dr. Day's office 9 to 12 m.; 7 to 8 p. m.
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TELEPHONES: Office, 615; Residence, 739. HOURS: 9 a. m. to 4 p. m.
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No. 219 Hotel street. Telephone 505
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[Graduate of McGill University, Montreal.]
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J. B. ATHERTON, Vice-President
C. H. COOKE, Cashier.
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F. H. REDWARD, Contractor and Builder
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ALL KINDS OF WORK.
Office and Shop, No. 619 Fort street, adjoining W. W. Wright's Carriage Shop.
To My Patrons and the Public.
Having recovered from my recent illness, I am again prepared to do all kinds of Tinsmith and Plumbing work as heretofore. Thanking you for past favors, I respectfully solicit a continuance of the same.
JAS. NOTT, Jr.
Tel. 844.
Monuments and Headstones.
The undersigned is prepared to do CEMETERY WORK OF ALL KINDS, and supply MONUMENTS and HEADSTONES of which he has a great variety of the Latest and Most Artistic Designs, and will also supply Stone Coping separately for surrounding cemetery lots.
Estimates given in Marble, Granite, Hawaiian Stone, etc.
FRED. HARRISON.
A New Paint Shop.
Having associated with us Mr. John H. West, a practical House Painter, Decorator and Wood Polisher, we are now prepared to give estimates on all kinds of work in that line.
Mr. West having had a practical experience of over twenty years in San Francisco and other large cities on the Coast, we feel confident that any work entrusted to us will give entire satisfaction to our patrons.
Peerless Preserving Paint Co.

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LONDON—The Union Bank of London, Ltd.
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CHICAGO—Merchants National Bank.
PARIS—Comptoir National d'Escompt de Paris.
BREMEN—Dresdner Bank.
HONGKONG AND YOKOHAMA—Hongkong & Shanghai Banking Corporation.
NEW ZEALAND AND AUSTRALIA—Bank of New Zealand.
VICTORIA AND VANCOUVER—Bank of British North America.
Transact a General Banking and Exchange Business
Deposits Received. Loans made on Approved Security. Commercial and Travelers Credits Issued. Bills of Exchange bought and sold.
COLLECTIONS PROMPTLY ACCOUNTED FOR.
BISHOP & CO.
Savings Bank
Savings Deposits will be received and interest allowed by this Bank at four and one-half per cent. per annum. The terms, rules and regulations of the Hawaiian Postal Savings Bank have been adopted as far as it is practicable to apply them, and the Cash Reserve of \$50,000 as required under the Postal Act will be maintained.
Printed copies of the Rules and Regulations may be obtained on application.
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—Established 1858—
BISHOP & CO. BANKERS.
Transact a General Banking and Exchange Business.
Commercial and Traveler's Letters of Credit issued, available in all the principal cities of the world.
Interest allowed after July 1, 1898, on fixed deposits 3 months 3 per cent., 6 months 3 1/2 per cent., 12 months 4 per cent.
Pioneer Building and Loan Association.
Assets, Dec. 31, 1898, \$116,803.33
Money loaned on approved security. A Savings Bank for monthly deposits. Houses built on the monthly installment plan.
Eighteenth Series of Stock is now opened.
OFFICERS: T. F. Lansing, President; S. B. Rose, Vice-President; C. B. Gray, Treasurer; A. V. Gear, Secretary.
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For further particulars apply to
A. V. GEAR, Secretary.
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Office Hours: 12:30—1:30 p. m.

The Yokohama Specie Bank LIMITED.
Subscribed Capital Yen 12,000,000
Paid Up Capital Yen 10,500,000
Reserve Fund Yen 6,960,500
HEAD OFFICE, YOKOHAMA.
BRANCHES AND AGENCIES, Kobe, London, Lyons, New York, San Francisco, Shanghai, Bombay, Hong Kong.
The Bank buys and receives for collection Bills of Exchange, issues Drafts and Letters of Credit on the above Branches and Agencies, and transacts a general banking business.
INTEREST ALLOWED—
On Fixed Deposit for 12 months, 4 per cent p. a.
On Fixed Deposit for 6 months, 3 1/2 " "
On Fixed Deposit for 3 mos, 3 " "
INTEREST ALLOWED—
By the Head Office at Yokohama, on Current Deposit, 3 1/2 per cent. per annum.
On Fixed Deposit for 12 months, 3 per cent. p. a.
New Republic Building, 111 King St., Honolulu.

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DECORATING AND NATURAL WOOD FINISHING A SPECIALTY.
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H. McKechnie, MERCHANT STREET, Next to Police Station 1076
Have You Seen Them?
Those elegant WROUGHT IRON FENCES we are putting up around the more handsome residence lots in town? Costs no more than a wooden fence; lasts a life time; a combination of beauty and strength that will add more to the attractiveness of your home than any other improvement for twice the money. Call and see our samples.
Iron Work of every description. Imported and domestic MONUMENTS, Tombstones and Statuary.
Estimates given on all kinds of Grading, Stone Work and Terraing, Curbing and Cement Sidewalks. Cement work of all kinds. Letter Cutting in brass, iron and stone.
Stencil making a specialty.
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Cor. Alakea & Halekuanu Sts.
Has a large assortment of Chandeliers and Electrical Goods
Constantly on hand.
Estimates given for house wiring and Electrical plants.
Marine Wiring a specialty.
THEO. HOFFMANN, Manager.

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The Yokohama Specie Bank LIMITED.
Subscribed Capital Yen 12,000,000
Paid Up Capital Yen 10,500,000
Reserve Fund Yen 6,960,500
HEAD OFFICE, YOKOHAMA.
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The Bank buys and receives for collection Bills of Exchange, issues Drafts and Letters of Credit on the above Branches and Agencies, and transacts a general banking business.
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On Fixed Deposit for 12 months, 4 per cent p. a.
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