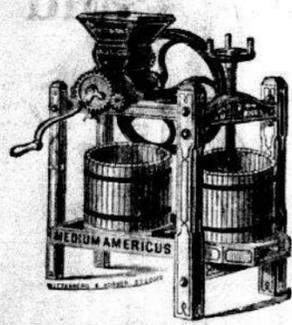
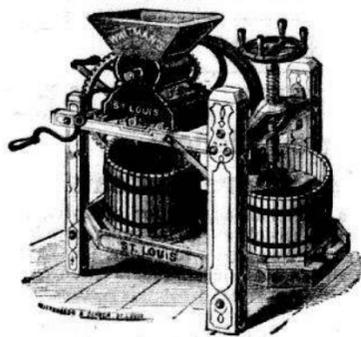


# Cider Mills Arrived

During the week we have received our fall shipment of Cider Mills and Presses, and all orders can be promptly taken care of. The shipment just received is the largest ever brought to Montana, and the benefit of the large quantity price and carload freight shall, as usual with us in such cases, be shared with our customers, as will be noted below.



Medium Americus



Senior Americus

## Americus Cider Mills In Three Sizes

The Americus Mill, made in three sizes, will produce from 20 to 25 per cent more cider from a same quantity of apples than any other mill of different patents and principles. It is perfectly adjustable for all kinds of fruit. To those not familiar with this mill we will say that they are constructed upon a principle quite different from other portable mills. Most mills either grate or cut the fruit, leaving the larger portion in lumps, from which the juice cannot be extracted by the press. This serious objection in other mills is entirely obviated in the Americus, which crushes the fruit thoroughly, thereby breaking all the cider cells, making it certain that the pomace will yield under the press every drop of the cider or wine.

### POINTS OF SUPERIORITY

1. The lower rollers run at the same speed, mashing perfectly.
2. The rollers are adjustable, and can be set to grind coarse or fine.
3. With the patent rollers the scraper is allowed to run close to the surface, cleaning perfectly.
4. The simplicity and durability of the mill is unequalled.
5. The curbs are larger and stronger than others, as the staves are riveted on.
6. The hopper can be removed in an instant for cleaning the mill after grinding. (All mills should be left clean after using.)
7. The lower rollers being adjustable, can be set to mash grapes for wine without breaking the seeds. This mill is also peculiarly adapted to crushing the wine plant, as it will mash it without separating the fibres.
8. The top or breaker roller being adjustable, so that it will break or crush large as well as small apples.

**JUNIOR AMERICUS**—Small size, with two crates, complete; weight 172 pounds; always sold at \$20.00. The new price **\$16.00**

**MEDIUM AMERICUS**—Medium or family size, with two crates, complete; weight 240 pounds; always sold at \$25.00. The new price **\$22.50**

**SENIOR AMERICUS**—Largest size, with two cranks and two crates, complete; weight 400 pounds; always sold at \$35.00. The new price **\$30.00**

With a special pulley, costing \$1.50 extra, the Senior Americus mill can be adapted for power.

## HOOVER POTATO DIGGERS

The "Hoover" is the best, most practical and efficient implement on the market for digging potatoes. It digs them without bruising or injuring the tubers, shakes all loose earth from them, separates the vines and leaves the potatoes in nice, even rows behind the machine, ready for sacking. This machine is guaranteed to do the work and do it better than can possibly be done in any other way or by any other machine.

We have only a few of these machines left, so, if you want one, come in or send your order for one **\$115** at once. The price of the "Hoover" has until now been \$125. Get one quick at

# MISSOULA MERCANTILE CO.

## FLAVORING EXTRACTS TABOOED

OREGON COMPANY PAYS FINE FOR SENDING IMPURE ARTICLES TO MONTANA.

Special to The Daily Missoulian. Washington, Sept. 19.—Announcement has been made by the bureau of chemistry of the department of agriculture that upon information gathered by one of its inspectors in Missoula, shipments of misbranded raspberry and strawberry extracts in Missoula and Montana generally by an Oregon company has been stopped by order of the United States courts. The inspector purchased from Warden's grocery store in Missoula two samples of the extracts, labeled, respectively, "Two ounces, Full weight, Edwards' Dependable Pure Extract Strawberry, Dwight-Edwards company, Portland, Ore." Two ounces, Full weight, Edwards' Dependable Pure Extract Raspberry, Dwight-Edwards company, Portland, Ore.

The samples were a part of a shipment made by the company from Oregon to the Missoula grocery. Each was analyzed in the bureau of chemistry and found to be an imitation flavor, artistically colored, thus

proving the statements on the labels false, misleading and deceptive. The company was notified by the department to show any error in the analysis, and failing to do so reported the case to the Oregon district attorney, who filed an information against the company. The Oregon court imposed a fine of \$50 on the company for sending the adulterated extracts to Montana.

The civil service commission announces that two examinations will be held at Missoula on October 20. One is to secure telephone operators at \$2 a day for duty in the quartermaster's department of the army at St. Paul, for the navy yard at Philadelphia and for the office of the United States attorney at Chicago. The other is for deputy shipping commissioners in the bureau of navigation, department of commerce and labor, at \$999 a year.

Orders of the postoffice department re-establish the postoffice at Albright, Cascade county; discontinue the mail messenger service at Roundup, Fergus county; appoint Alexander L. Demers postmaster at Arion, and establish a postoffice at Cartersville, in Ross-bud county, with John A. Johnson as postmaster.

The interstate commerce commission will meet at Billings on Monday in November to take up the complaint of the Billings Chamber of Commerce against a large number of railroads on charges of unfair rates.

According to a report of the geological survey, Montana produced sand-lime brick for the first time last year.

Copies of a topographic atlas map of the Glendive region, just prepared, may be obtained from the geographical survey for 5 cents each or \$1 a hundred.

### A KNOCKOUT.

New York, Sept. 19.—Sporting men accept it as a fact that the boxing game, as far as New York state is concerned, has been given a decisive knockout blow by Governor Hughes, whose action prevented the Ketchel-Langford fight. While the Fairmont Athletic club proposes to test the law by legal proceedings, there is little doubt in the minds of the promoters of other clubs that the governor has the right to take the action he did, and that it means that he will not countenance any further boxing bouts.

A physician connected with a hospital at South Bethlehem, Pa., uses his electric automobile to operate X-ray apparatus almost every day.

## LOS ANGELES DRIVER WINS RACE

SPEED TEST TO TOP OF MOUNT BALDY BRINGS BEST RECORD IN EVENT.

Los Angeles, Sept. 19.—The Mount Baldy road race, one of the big annual events of California motordom, and one of the most dangerous in the country, was won today by Russ of Los Angeles, driving a Pope-Hartford, in the fastest time ever made over the course. The time for the distance of 23.6 miles was three hours and four seconds.

The White car today came to grief early in the race, and the driver, Gus Seyfried, and his mechanic, Frank Forbes, narrowly escaped with their lives. The machine struck a telegraph pole near Newhall and was wrecked. Forbes suffered a broken arm and was internally injured. Seyfried was not badly hurt.

The Apperson car, driven by Harris Hanshue, was second, finishing in 3:24:35. There were but three unfortunates. The race to Mount Baldy is extremely hazardous. The course passes through the narrow defiles in the foothills and up a tortuous and steep canyon to the finish point, well up to the top of the mountain. The altitude at the finish is 7,500 feet. The start at Los Angeles is but 260 feet above sea level.

### MILLIONAIRE ARRESTED.

Nome, Alaska, Sept. 19.—Jafet Lindenberg, the California millionaire, mine owner and discoverer of Nome, was arrested here yesterday on two indictments charging perjury in connection with the trial of the Bear cub mining case. Lindenberg was released under \$2,000 bond. The preliminary hearing will be held Monday.

A representative of an American photographic supplies company, after studying the climatic conditions of Brazil, invented a chemical combination which added to the regular developer, contracts the bad effects which the tropical climate has on photographic papers, films and plates.

A quick-witted amateur photographer in Philadelphia recently snapped an en passant as he was falling from his parachute, which had failed to open.

## NOON TIME IS SENT MANY MILES

WASHINGTON'S OFFICIAL OBSERVATION IS FLASHED OVER THE COUNTRY.

A few minutes before 12 o'clock noon every day in the year a young man walks into a certain room of the main building at the naval observatory, which is set up on a hill in the northeastern part of the District of Columbia. He glances at the various clocks in the room and then goes over to a table which is covered with electric apparatus.

He watches the clocks to his left closely and waits for the hands to reach 12:55. As the second hand approaches the 60 on the dial he prepares to shift a switch. The clock is so finely adjusted that when the second hand points to 60 it exactly marks the beginning of a new minute.

As it touches the 60 the switches are thrown on. Then starts a signal that goes out instantaneously over 500,000 miles of telegraph lines. In Washington, New York, Buffalo, Cleveland, Newport, Baltimore, New Orleans, Key West, Galveston, Chicago and elsewhere the time balls go up on their poles. People know that it is five minutes to noon, Washington time.

### More Ticks.

The clock which keeps the time in the observatory ticks on. With each tick there is a contact of electric points. A circuit is closed, and an instrument on the table similar in appearance to a telegraph sander ticks away loudly.

It goes on to the 29th second, then skips one tick, then resumes its steady sounding until the last five seconds, then there is another gap. These gaps are for the purpose of giving the listeners at the other ends of the great system of wires a chance to know what part of the minute the clock is on. So it goes up to the last minute.

At the 29th second there is again the skipping of one second. Finally the clock gets around to the 50th second. Then the circuit remains open for 10 seconds. There is silence all along the telegraph wires.

At the other end, where there are time balls or merely train operators, the long pause indicates that noon is almost there. The second hand makes on toward 60 and finally reaches the mark. Then there is another click; in about a second, the sander is down, and that tells hundreds of thousands of people that it is noon in Washington.

### Wonderful Operation.

It is a wonderful operation, this getting the time, and highly technical. Finely adjusted clocks, chronographs and other instruments of great value are used, and the taking and recording of the time have reached a point where the human equation is practically eliminated.

The results obtained are of great value, particularly to mariners. The time is not only flashed to hundreds of points in the United States, but it is sent far out to sea by wireless. A cable carries the flash to Havana; another to Panama and Callao, Peru. The observatory here does not send the time much farther west than the Rockies, but they have an observatory at the Mare Island navy yard, and from there the time is sent up and down the Pacific coast, just as it is sent here to the eastern part of the United States. In the cities where the central time is used the flash marks 11 o'clock. An hour later local operators drop the time balls.

### Mean Time.

The mean time is determined by astronomical observations. When certain stars pass the 75th meridian, called the meridian of Washington, it is a certain time. The operator watches for the star through a telescope, the field of which is covered with fine wires.

As the stars reach a certain point in transit the operator presses a key in his hand. A contact is made and recorded on a chronograph. The chronograph consists of a cylinder covered with paper. It is held by an arm attached to the mechanism. The cylinder revolves once a minute, and the pen makes a spiral line.

A sidereal clock of the finest make is running in a vault underneath the observatory. With each tick of the clock there is a contact of two points. These two points are attached to wires that lead to an electro-magnet attached to the arm that holds the pen of the chronograph. The clock is so adjusted that each minute the pen jumps to one side. Consequently there is a break in the line.

There are other breaks, too, when the observer watches the stars cross the lines in the field of the telescope. The mean time thus recorded for each star, after being corrected for errors, is the clock time of the star's transit. Whatever difference there is between the clock time and the sidereal time marked by the transit of the stars is the error of the clock. From this error the astronomical observations the sidereal time is obtained. The error amounts to but little, rarely being more than from five one-hundredths to ten one-hundredths of a second.

The time of sending a flash over the wires is practically nothing. A flash has reached Greenwich, England, in three-tenths of a second.—Washington Correspondent, Chicago Inter Ocean.

### VOLCANO ACTIVE.

Honolulu, Sept. 19.—Reports received here by wireless telegraph state that the volcano Kilauea is extraordinarily active. Lava is rising fast and is now only 100 feet from the rim of the crater.

### EULOGIZES M'KINLEY.

Manila, Sept. 19.—Former Vice President Fairbanks tonight delivered a eulogistic address on the life work of the late President McKinley at the Methodist church.

## BIG DREAM SHIPMENT COMING TO AMERICA

Manila, Sept. 20.—The insular government will ship to the bureau of insular affairs at Washington nearly half a ton of opium—the proceeds of many customs seizures. The government plans to dispose of the opium for medicinal purposes among drug manufacturers, receiving in exchange medicines for the use of hospitals, dispensaries and other government institutions in the Philippines.

When the transaction is completed the bureau of health will make cash returns to the bureau of customs for the tariff due on the seizures. Part of the proceeds will be distributed among the informers who aided in the seizures.

### A RECKLESS RIDE.

Portland, Ore., Sept. 19.—A reckless automobile ride resulted early today in the death of Mrs. "Dolly" DeMartini of this city and the wrecking of the borrowed automobile of William Ladd. Five other occupants of the car escaped practically unharmed. The quintet is under arrest.

To Whom It May Concern: All bills owing to me and not settled by the 26th of September at the old stand will be turned into the hands of a collector. J. E. SMITH.

Lolo Hot Springs stage, leaving Lolo Monday, Wednesday and Friday, Fare, \$3 each way. Connects with train morning and evening.

**A Good Maxwell Touring Car**

VERY NEAR NEW, FOR SALE CHEAP

A. C. BAKER, HAMILTON, MONT.

**When in Hamilton**

SPEND A PLEASANT HOUR AT THE

**Lyric Theater**

HAMILTON, MONTANA

Only Montana wheat is used in the making of

**Ravalli Flour**

IT'S BEST FOR THAT REASON

Hamilton Flour Mill Co., Hamilton, Montana

SPEND YOUR VACATION AT

**Medicine Springs**

Where you can enjoy a large concrete plunge, 65x35 feet; where you can find the finest fishing in the state; where the water can't be beat in the state.

Address all mail to C. M. Smith, Medicine Springs, south of Darby Corner postoffice.

E. M. SMITH, Prop.

**WESTERN MONTANA NATIONAL BANK**

Missoula, Mont.

UNITED STATES DEPOSITORY

CAPITAL \$200,000.00

SURPLUS FUND 50,000.00

G. A. WOLF, President

JNO. C. LEHSOU, Vice President

J. H. T. RYMAN, Cashier

Directors: Ferdinand Kennett, M. A. Fish, G. A. Wolf, John C. Lehsou, J. H. T. Ryman.

A General Banking Business Transacted

**FIRST NATIONAL BANK OF MISSOULA**

United States Depository

Capital \$200,000

Surplus 50,000

Interest Paid on Deposits in the Savings Department at 3 Per Cent Per Annum

Officers and Directors

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**Northwestern Abstract and Title Insurance Company**

furnishes correct and complete abstracts of title to all city and county property. Estimates on abstracts furnished on application.

104 Main St. Phone 147 R.

**Montana Abstract and Guaranty Co.**

WILL CAVE, Manager

128 West Cedar Street.

Fifteen years' experience with Missoula county records. Abstracts guaranteed. Phone: Office, 23; real estate, 415 Black.

# The Bitter Root Valley

A Pacific Slope Land Famed for Its Perfect Fruit and Its Great Profits

## The Valley of Opportunity

A single acre of land in this valley has been known to produce a net profit of over \$1,800 in one year; \$500 annual net profit from an acre of land is a common event.

Crops never fail, fruit pests are unheard of and fatal diseases among stock, hogs and poultry are unknown.

Water for irrigating purposes in accessible and inexhaustible quantities.

The beautiful mountain scenery, an abundance of pure water, healthful mountain air, unrivaled climate, good means of transportation, convenience to markets, good schools, close proximity to state university, and the lowest cost of living all combine to make this locality the most ideal place for a home in the great northwest.

Write for free illustrated booklet.

## Bitter Root Valley Irrigation Company

HAMILTON, MONTANA

## Did You Get a Farm in the Flathead?

If not, you can get a piece of the most fertile ground in the world by buying from us some of the DALY ESTATE LANDS, in the Bitter Root.

This land is famous for its marvelous yields of fruit. It is a common occurrence for an acre to yield from \$500 to \$1,000 worth of fruit.

\$250 cash and \$75 per year for 10 years will buy from 10 to 20 acres of the best land in the valley.

DON'T be a clam and grind away for the other fellow all your life. Get in the game, be your own boss and be independent for the rest of your days. Come in and talk it over or write us for information.

A handsomely illustrated booklet will be sent you on application to Welch & Harrington or the Bitter Root Stock Farm, Hamilton, Mont.

## Welch & Harrington

111 West Front St. SALES AGENTS Missoula, Mont.

# BIG BLACKFOOT MILLING CO.

BONNER, MONTANA

The Largest Manufacturers of Rough and Dressed

# Pine Lumber

IN THE WEST

Mills at Bonner, St. Regis and Hamilton, with an Annual Production of One Hundred and Sixty Million Feet.

Complete factories for the manufacture of Box Shooks, Sash, Doors, Molding and all kinds of Interior Finish.

## Estimates Furnished From Plans

Largest stock of seasoned timber always on hand for the prompt filling of orders for the commercial trade. Write for price list.

Retail yards in Butte, Helena and Missoula, dealing in Lumber, Mill Work, Lath, Coal, Lime, Building Paper, etc.

The Missoula yard is now making deliveries of the 16-inch mill wood at \$3.75 per cartload. Phone 106 and order a load.

## Big Blackfoot Milling Co.

BONNER, MONTANA

## Charles H. Marsh

## EMBALMER, FUNERAL DIRECTOR

Prompt attention to all calls, day or night. Private ambulances in connection. Missoula, Montana. Office phone, 321. Residence phone, 253 black.

## Missoulian Want Ads

BRING QUICK RESULTS