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#### DESERET EVENING NEWS SATURDAN SEPTEMBER 11 1909

The idea of the mechanical powder-

less gun was given by the bursting of a flywheel. In the gun, the bullets of lead or steel are poured into a hopper over a large revolving wheel, and the centrifugal force hurls the balls from

The circular cut file is found to act like a hand physing tool instead of an ordinary file, and is claimed to cut two or three times as fast as a com-mon file, and to wear longer. The new file has been tested in French shops about two years.

WHY USE YOUR

theap? THE DESERHT NEWS.

GEO W. DANLEY. F .M. JOHNSON

Real Estate, Rentals and Loans, Mines and Mining Investments.

30 WEST THIRD SOUTH ST. Phones 435.

Us; If You Are Looking

For A Bergein, See Us.

Think lit Over.

\$2100-New 3-room frame, 12 block from car line, cement walks, lot 80x410 feet, 14 foot alley.

CAN YOU BEAT THIS?

\$350-4-room modern brick: summer kitchen, cement cellar, 3 blocks from Temple, North Bench; easy terms.

A GOOD BUY.

\$200-i-room modern brick, on Sth East. lawn, shade trees, etc. Lot 23x134.

HOW DOES THIS LOOK

5390-5x515 rods, on 3rd East, between 5th and 7th South, with old 7-room adobe house.

PRETTY GOOD.

\$2550-Weil built, 5-room frame house, good outbuildings, stable buggy shed flowing well; lot 50x1471; ft; \$560 cash will take it.

Letterheads for scratch paper when

## REAL ESTATE and BUILDING

A. N. Humphries reports a good in a province of bester car service and in the additions on the southward burns, the formation of the southward during the week W. W. Dunning 229 weight fourth North. This click With Mark Mary Ensilow, Mersill, Nevenia, two lots W. D. Barton, Judge building, two lots W. D. Barton, Judge building, two lots W. D. Barton, Judge building, two lots with a strain and first Mark Mary Ensilow. Mersill, Nevenia, two lots W. D. Barton, Judge building, two lots W. B. Steinger, Cripple Creek, took, took, two lots W. B. Barton, Judge building, two lots W. B. Barton, Judge building was loss was building to the second purpose week 24 loss barts fourth North sand barts Weill W. B. Barton, Tooth Sand Jake the Weill W. B. Barton, Tooth Sand Jake the Weill W. B. Barton, Tooth Sand Jake the Weill W. B. Barton and Sand Harton and Sand Barton and man. Nurth Sull Lake, two tots: A. B. Paston, Tearth South and First Wost, mass how, Ethe Murdy, cast South Compte stress, two buts, Mrs. Ethe C. Wetnell, 31 month State street, 1200 2011

The Hubbard Investment company tenerts a fair densard for bits in the different additions which the firm is banding. Some lots have been solo in Fairmourt Springs Galdey Park, and Nyes additions, during the present week, and the methet for outside hots is showing a fifthe more tile with the parenting of the supermer

Good progress is bring made with the new quarters of the Marchant's bank at 273 south Main street. The new reall print the elegant introduc finitating which is to be put in at considerable cost will be in atriking contrast to the form-er condition of that part of the St. Ellipse

. . . After spend in nearly \$1,000 and rema-vating and offing up the store at 215 Main street, the Poulton-Medisen-Court of Company, the clothing oren, have be ready with their fail times on Monday next. The store is 2315,230 foot with a basement about the same also, the store will be lighted by a tungsten amps in addition to seven incandescent, as imps. gus inmps. . . .

At the Utah botel work is moving along slowly pending the actival of supplies and contract. The large deprick which will be used to move the concrete to any part of the foundation is being shipped here from Deriver and the engine will come from San Fran-cisco. The concrete mixer was bought in Sait Lake and is now so the ground Offic car of essent has already both In Suft Lake and is now on the ground One can of essential has already been recalled. Eleven more cars will be needed for the foundation alone. During the week three cars, or 30 ions, of re-inforcing steel bars have reached the eity, and are new being unloaded on the ground. The forms for the con-crete piers are all made and all that remains to be done now is to dig the holes and place the forms in them. At the same time the forms for the out-side walls are being prepared and wheat wild walls are being propared and when everything is in readiness the company will make record time, it is said, us pouring in the concrete.

Manager Louis J. Morton of the Thompson-Sterrett company, contri-tors for the Newbouse hold, reports all the concrete footings in except six. This work will be completed next week. when everything will be in readiness for the steel, which is expected in two or three weeks. To the casual observer If has appeared as if the company ha-If has appeared as it the company re-been doing next to nothing at the job for several weeks past, but Mr. Mor-tan says a force of 20 men has been employed on the footings, though there has been no occasion to rush things. With the arrival of the steel the force with the large and to about 25 mer mit With the arrival of the steel the force will be increased to about 75 men. The concrete will be built around the steel columns up to the surface of the ground, where cut stone, or marble, will begin and continue to the third story. From there to the top the building will be built of face brick or terms cotta, it has not yet been decided which. When the mason work begins about 150 men will be employed on the job.

Kimbell & Richards report an ad-vance in the prices of State street property in the vicinity of Twelfth South, as the result of the improved car service to Murray, which will be maintained when the double track is completed. State street in the neigh-bochood of Tweifth and Thirteenth South is said to be all tore on process.

Mrs. Lottle Gillespie at 471 cast Sixth South street has been sold to Miss Penul Petneson for M.500. The house is modern in every reaset, with hard-wood flours, gas and electric light.

The cale of the Salt Palace, with its to acres of real estate and all the im-provements, is one of the probabilities the near future in real estate circle It is conneted that negotiations are now on between Frederick Heath and Jacob Moritz and Stati M. Lehman, vice presiident and general managet, and assist-ant manager, respectively, of the Sult-Lake Brewing company. The price la-said to be close to \$550,000.

Bild to be close to Finded. Excepting the sale of lots in the vorious additions the real estate mar-het has not been very active, though takes are time and there are indica-tions of good business later in the full A well known dealer reports stiffening up right along in the south-em district of the city. In the vicinity of State and Main streets, and also on the west side of the city along Third South, and other naces south where trackage facilities are needed. The report of an eastern agener that Salt take City beads the list of American cities for gains in building permits has nonth will it is believed, help to call attention to the wonderful rowth of the city and influence car-tial to seek investments in ceal estate here. Thus far the advance in prices that to seek intertubents in real estate here. Thus far the advance in prices ins been steady, but with the influx of outside capital, which the preserve growth of the city and the prosperity of the state will produce sooner or later, prices may be expected to show mathed advances is certain becalities marked advances in certain localities

later, prices may be expected to move marked advances is certain becalities. The construction work on the large buildings outside of the two main-moth hotels is being trished. They are only being held back for a short line on account of the delay in get-ting steel. The Contracted alub is opper stories of fire brick on the first two stories of rock. The Mining Ex-change is plastered and will soon be ready for business. The Holmes-Knox building on State and Second South, which is heing built at a cost of about \$172,000, is already up to the top floor, and the excavition for the basement of the Lynch building at the corner of Second South and Second East streets is completed. The ground floor of this building in to be occupied by the Studebaker company an a garage. The old building at 14 Main street has been removed preparatory to the erection of a four-story structure by the Wathere at a cost of about \$20,has been removed preparatory to the creation of a four-story structure by W. R. Wailace at a cost of about \$20, non. The steel work of the Felt build-ing just north of the Roston block on Main street is now rising above the ground flow. The same is true of the Fisher building, immediately north of the Utah Light & Power company's building on West Temple street. The six-story structure known as the Magenth building, just east of the Colonial theater, on Third South, stands with all He steel frame com-pleted to the sight floor like a huge picted to the sixth floor like a huge skeleton, and the concrete forms are nearly all in place up to the second floor, so that sit will not be long be-fore all the steel supports will be lum-bedded and hidden in concrete. The brick work at the mammoth gym-nasion building of the L. D. S. uni-versity is also slowly progressing to-wards the roof of the steel frame and the buff pressed work, with the dark mottar joints, looks tlessing to the eve, Activity is seen everywhere in the building line, and at the same time in addition to these and smaller buildings in course of erection in the business district, houses large and

of construction all over the city and environs. \* \* \*

George M. Cannon company report many inquiries for Emerson Heights lots. The company is now prepared to push the sale of this addition, as the grades have been furnished by the uty engineer for street grading, pre-minatory to taying the cement side-calks. Sales made include many to be cal investors, some to home builders, and dista a number to Colorado and other outside parties. During the week the grading of Fifteenth East street as far as Kousington avenue was finish-ed, and stakes set for the coment sidewalk contractors, Eleventh South street, will be finished with a few hours work and walks on these two streets laid first. Grading on Logan avenue la almost completed. Kensington avenue about hair finished. As the company is employing a force of from 10 to 20 teams daily, all the grading will be finished this next week.

#### NOTICE.



BUS PASSENGERS

D. C. connected with the geological survey, is in the city for a few days on business. Mr. Emmons is a guest at the Knutsford while here.

L. H. Sweetser, lieutenant governor of idaho, is a guest at the Kenyon Mr. Sweetser is full of enthusiasm for the outlook for the Gem state and says that. Pocatello is destined to become that Pocatello is destined to become a great trade center. He says that when the state develops a little more there will be a great fight between Pocatello, Ogden and Salt Lake and that if Pocatello becomes the great city he expects it will be, Salt Lake and Ogden and the Twin Falls district will be greatly benefited.

Mr. and Mrs. Charles F. Ziegler, and Mr. and Mrs. W. H. Green and son of Philadelphia, are guests at the Knuts-ford. Messes, Zeigler and Green own valuable mining property in Nevada and have just returned from inspecting the same. The party leaves this even-

W. McWhit, a well known business man of Butte is a guest at the Wilson Dr. and Mrs. W. W. King of an Prancisco are registered at the Kenyon.

Thomas J. Jinks, a prominent min-ing man of Twin Falls, Ida., is a guest at the Kenyon.

Prof. W. W. McLaughlin of Logan is in the city on business, with head-quarters at the Kenyon.

Frank Scabolt, a cattleman of Newport, Wyo, is here on business and is registered at the Cuilen. F. B. Hammond, former state set tor, came up this morning from Moab on business and is domiciled at the Cul-len.

SCIENTIFIC MISCELLANY.

Tantalum, one of the rare metals now being brought into use, has many resemblances to iron, and one of these is the hardness given by a small addi-tion of carbon. Other substances alsolike aluminum, tin and titanium-have a similar effect. According to a patent a similar effect. According to a patent of W. von Bolton, of Charlottenburg, the added substances may vary in pro-portion up to 1 per cent of more, but with carbon a small fraction of 1 per cent of the second states of the second states of the second second second states of the second se cent imparts great hardness and resist-auce, and with increase the metal be-comes brittle. With a trace of carbon, the tantalum has the hardness and ten. while a little more carbon imparts the greater hardness though with some brittleness meeded for tools for work-ing wood metal and stone. A British ing wood, metal and stone. A British patent by Siemens and Halske covers a process of hardening by varying small additions of oxygen, and the products range from a workable metal of much increased hardness and brittle.



# WALKER BROTHERS "FARM SPECIALISTS"

#### Ji Desaret News Annex.

MEN OF ALL PROFESSIONS COME TO US EVERY DAY FOR COU MEN OFA LL PROFESSIONS CO. FOR DAIRY FARMS, FOR ALL KINDS OF FARMS. WE HAVE ONE TO SUIT YOU. CONSULT THE FARM SPECIALIST.

all for \$1800. Terms,

a Acres, especially good for apple orchand, primary water right. The land is now planted to alfaifa.

Acres, on 20rd East between 14th and thin South, I A, is now planted to strawherries, the balance is planted to potatoes and vegetables. The soll is the best, primary water right. Terms.

M. choice land, primary water right, is Road, on 16th South, good i-room frame house summer kitchen good cellar, and barn and bulld-ing for ubleken raising, 16 good
 A. choice land, primary water right, large stream of water flowing con-thousely on north side of lot, new itrouge stream of water right, large stream of water right, ing for ubleken raising, 16 good
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1 Acre tracts at 13th south and 11th East primary water right: the hand is high and faces cast on county road.

CITY PROPERTY.

Eise For a first class 5-room modern P. B. bouse, between 3rd and 4th South on Douglas Ars, basement, 2 perches, good lawn, etc. Terms,

\$2000-Will buy a beautiful 4-room med-ern P. R. cottags, near the corner of M Street and 3rd Ave.

HOUSE

And Into Your Own Home

You can do so rasily. Come in and see us about the matter. If you own a small home and wish to buy a larger one we can arrange the

HOMES.

HOMES.
Mi20-A broom brick cottage, pantry, closet, lot 37 sxl& to alley. I block from State Street car line; cash 500 balance 355 per month.
Monte and the street cash 500 balance 10 minutes' walk of the Temale located on good elevation with ample lot; cash 5400 balance 355 per month.
Monte and the street cash 500 balance 10 minutes' walk of the Temale located on good elevation with ample lot; cash 5400 balance 355 per month.
Monte and the street cash 5100 balance 355 per month.
Monte and the street locate and gas within 10 minutes' walk of the Temale back of the street block from P. O.; cash 520 bat bat more 55 per month.
Monte and the street locate and gas within stig blocks from P. O.; cash 520 bat bat block from 5th fast car line.
Monte and the street locate and the street locate conveniences ast front on D Street, near 9th Ave, car line. Terms arranged.
AN OPPORTINITY FOR A SMALL STORE.
Monte and built frame store, with a stroem brick house back of it, with a very fine lot built frame store, with a stroem brick house back of it, with balance casy.
LOTS.

LOTS.

The Ninth Avenue car line will run on Nov. 1st. 1999. Now is the time to hay North Bench lots.

\$720-A very choice lot. 40 by 155 to alley, west front on H Sireet, between 915 and 10th Ave. Very easy terms. \$675-A fine lot. 50x125 feet to alley, on Liberty Ave., just east of 51h Fast

FARMS.

Stull 1901, 100, 2555.

terms.
Good. new 4-room brick house 7th South, electric light, water in house, pantry haits room and close et. front pisch, cemant walks, Bisson, good terms.
Sidon-for a choice building iot. Joxies to 15 foot alloy, on 6th East let. tween 8th and 9th South.
Sidon-for a fine lot, 5therin to alloy, on Douglas Ave., between 3rd and fith South, cast face.
Misson-Will buly any of the 5 choice build-ing lots, 2%x5 rods, on C 5t and bith Ave. facing south.

MOVE OUT OF A LANDLORD H. S. ANDERSON. M. L. CUMMINGS. Anderson-Cummings Co., Notaries Public.

exchange.

. .

Street, Easy terms arranged.

REAL ESTATE AND LOANS. Bell Phone 4989. Ind, Phone 1339.

HOUSES AND LOTS. \$200-4114x8213 feet, 5th West between and and 3rd North, 2-room adobe house; many terms. If You Have A Bargain, See

\$650-55x114 feet, 5th West between 4th and 5th South 2-room house, easy terms, \$1560-371-x140 feet, 5-room brick between 2nd and 3rd West; easy terms

\$1600-75x175 feet, near Fisher Brewery 4-room frame, nice lawn, shade, good barns, all in good condition; \$500 cash balance easy.

\$2500-40x140 feet to alley, nice 5-room house with bath, city water, good barn, fine shade and fruit trees. This place is extra fine and near R. G. W. shops, Easy terms.

\$2500-3x8 rods, 4-room adobe house. fine shade, sewer in front, paved side walk, vacant ground in this locality is held at \$200 per rod. This is close in and a great bargain.

\$200-2x5 rods of ground with 5-room frame house on C St. only 15 minutes' walk from the postoffice.

\$360-38153 feet, with 5-room house, only one-half block from the Salt Lake Thea-ter. This is a great bargain.

VACANT LOTS.

\$1220-5's x10 rods, on 10th East between ith and 5th South, fire location. \$1100-2's x10 rods on 13th East between ith and 7th South, facing east. \$1100-50x130 ft, on 10th South between ith and sth East alloo-coxis it. on arts South between the and 6th East. 3000-2%x3 rods to alley on 6th South betwen 9th and 10th East. Easy terms. 81400-3%x3 rods, corner on A Street, close in, easy terms. This is a snap.

VACANT LOTS.

\$1700-A fine mixed farm. St acres, 5 acres orchard. IS acres pasture. It acres cultivated, halance afapted to cultivation, 3-room house, harn, vences and many improvements, a good and ample water right, adapted especially to peach rela-ing. 4 miles east of Sandy. Terms easy. \$300-A very well cultivated farm 25 acres, extra fine water right, high class sandy toam land, good house, barns, sheds, hay barn, implements, 2 miles south of Sandy. Terms arranged. Burt & Carlquest REAL ESTATE, LOANS AND INSURANCE. PHONES 350. NO. 14 WEST IRD SOUTH.



# buildings in course of section arge and buildings in course in course and buildings in course in

### the rim of the wheel through the bar-rel of the gun with tremendous velo-city. The gun is made of brass resembling a match opper in appear-nore. It is believed that a wheel driv-en by a 50 horse-power electric mo-tor can discharge something like 50,-000 shots per minute, and great ac-curacy of fire is claimed. samuel F. Emmons of Washington

# **Only Three More Days Left in which** To Buy Your Piano at your **OWN PRICE**

**Our Combination sale ends Wednesday** Night.

# PIANOS AT YOUR OWN PRICE

#### Our Easy Terms make it possible for anyone now to own a piano.

se announced our great combination sals the beginning of this meek, we fild not anticipate such a ready response as we have enjoyed.

Many have availed themselves of the numerous bargains offered by us The stock of outright purchase planos is bearly exhausted, and as we only have a few of our exchange planos left it is very doubtful if we will have any left by Wedneeday night, the closing date of our sale.

# **BUY MONDAY**

Do not wait later than Monday. If you have any idea of mirchaning a plane, do not wait later than Monday morning. Your opportunity to get a plane at your own price and on your own terms is now before you.

### SEE WHAT WE ARE DOING.

Hardman upright plane in walnut case, sold originally for \$600.00 Steedal for Monday.	\$145
Brand new Pisno, wainut cass, full size cabinet grand, a beauty only	\$163
Oblearing upright in reservoid case; had some ase; how - only	\$187
THE REPORT OF A DECISION OF A DECISIONO OF A	\$307
	\$398
	\$273
Steinwag & Sone mervood case. Special	\$375

# INVESTIGATE

Come to our waveresins and see the splendid values we are offering. You can better behave what we are doing by seeing.

### EASY TERMS

Pay a small sum down and the balance on casy monthly payments of from \$8.99 up, according to the price.

If inconvenient to make your each payment now, select your instrument and we will wait a little while for the money.



ness to a metal too hard to work but having very slight brittleness. The topographic compars included with the apparatus of D: Charcot's Antarctic expedition is a rozel instru-ment, the invention of Alpionse Berget with which bearings can 1s determined accurately at a glance. A copper box, containing a mirror perforated with a peep-hole, is mounted a few inches above a little compass. On looking through the peep-hole, the mirror shows the commune case of the endows the compass-card, the precise direction of the object in aight being indicated by the index. The human mind has limitations. Ad astronomer argues that space beyond our universe must contain other vas

universes because as absolute void is inconceivable. Est who can conceive of an infinite space filled with an in-finity of universes?

A marble like material declared to be a great advance over other artificial stone is now made from the waste slag of blast furnaces mixed with a little line. The slag is crushed and pow-dered, are neventh part of quicklime is added, and the mass made into puste with water, is pressed into moulds of metal. The blocks so formed, on dry-ing have the commission of chalk. They are placed in iron cylinders, from which the air is pumped and then replaced with enricous acid, and after a few days in this gas the hydraic of time becomes recurbonated, binding the mass into a rock of great hardness. The fulled stone takes a high polish. It has been made to serve as an ex-cellent fulltation of the best lithograph-ic stone, and with suitable coloring A marble like material declared to

to stone, and with suitable coloring matters it gives a variety of fine mar To save a leg by making the veins do duty as arterics is the remarkable fant a professor of surgery at Con-stantinopla has sittempted with at least temporary success. Gangrets of the limbs as a result of closing of the arteries in old age or disease is common in the east, and amputation has been the coniv resource. A means common in the east, and amputation has been the only resource. A means of avoiding this desperate remedy has been suggested by the fact that the values are much less affected than the arteries. Greatly alarmed by the burn-ing symptoms in his left leg, a patient whose right feet had been amputated on account of gaugetime appealed to the surgeon for help, and offered to take the only chance of keeping his leg by becoming the subject of a hitherto instried experiment. The arteries of the leg were successfully joined to initied experiment. The arteries of the leg wave successfully joined to the venue of the foot. Healing prompt-ly followed the operation, the blood circulated through the verse, the foot regained its wathrith, and in the weeks since, all symptoms of disease have disappeared.

That rainy winds have a marked offunt in consumption has been proven by 20 years of observation in Dart-mont and North Devon. England, The death rate from this disease is much less in the sheltered places than in sense to benitte. waposed localities.

The liquid gas of Horman Blau is now used in several German sillages, and is claimed to solve the troblem of a chean, efficient and perfectly safe mathod of lighting the smalless vib-inges by gas. In manufacturing the maternal of is distilled at a temper-ature lower than that is which gas is produced from coal. The by-moducits are maved, and the cleanad gas is compressed in cylinders, becoming inquefied, when the increasing hydro-gen, methans and carboil monoxide

