

heartily. First, stop work on the Vicksburg; second, start the lead and

silver smelter within 30 or 40 days. "The ores are to be hauled from the Harrington-Hickory at a cost of not more than 60 cents a ton. We have all the facilities at hand to elevate the same to the smelter. There is no diffi-culty or expense on this point. The coal and coke will be ordered at once. Stoping will commence in a few days. We can furnish more than 100 tons a day if necessary. Just as soon as this smelter is running we shall be in recelpt of income more than sufficient to pay all running expenses.

"The copper smelter can be started within 60 or 90 days without ret-erence to the concentrator. The Old within Hickory and the O. K. can furnish from 350 to 400 tons of good grade ore for several months and make a handsome profit without any concen-trating. But we must get spurs from these two mines to the Frisco branch and I will take this motter up and settle it before many days. I expect the railroad to put them in.

"When these two smelters are run-ning I stand by my estimate of \$100,-000 a month without any concentration of ores,"

## ORE AND BULLION RECORD.

#### One Million Pounds of Copper Produced by Valley Smelters.

The ore and bullion settlements for the fiscal week ending yesterday, as reported by McCornick & Co., amount-ed to \$285,818, as follows:

Ores.	Base	Ge
And the second second second	bullion.	bi
Baturday \$30,500	\$25,300	
Monday 32,300	24,200	
Tuesday 42,400	41,200	
Wednesday 8.118	31,900	. 3
Thursday 26,300	19,9900	
Friday Holiday.		

\$139,618 \$142,500 \$3,700

The output of copper bullion from the Independent smelters during the same period was summed up to a total of 509,579 pounds; the United States con-tributing three cars, 183,579 pounds; Utah Consolidated, four cars, 241,500 pounds, and the Bingham Consolidated, Utah Consolidated, 184.500 pounds. The American Smelt ing & Refining company dispatched approximately 300,000 pounds. Thus the totals for all the plants reaches close to 1,000,000 pounds.

#### TINTIC ORE SHIPMENTS.

#### During the Week 136 Car Loads of Were Dispatched.

The shipment from Tintic district for week amounted to 136 cars, dividad among the different properties as follows: Ajax 3, Bullion-Beck 8, Black Jack 12, Carisa 2, Centennial-Eureka 19, Eagle & Blue Bell 1, Dragon Iron nine 24, Grand Central 19, Gemini 6, toe Bowers 1, Lower Mammoth 2, Laclede 1, Mammoth 2, Star Con. 3, South Swansea 1, Uncle Sam Con. 1, Victor 6, Noon's Iron mine 4, Yankee

Two cars of concentrates were shipped from the May Day jigs and one car from the South Swansea jigs.

### To-day's Metals: & SALVER. Bar, 54.1-2 cents LEAD, \$3.50. CASTING COPPER, 12 3:4 cents e fb.

#### Blindfold Drive.

Cunning, the world's greatest magclan and mind reader, will make the reat blind-fold drive, Tuesday at 7 from the gate at Calder's park. his drive is the greatest test ever demental telegraphy, Free to ed in r rybody.

MINING CONCENTRATES.

Capt. Duncan McVichie, manager

the Bingham Consolidated expects to leave for California tomorrow, James Ivers, who is operating a prop erty at Silverton, Colo., has secured the services of M. C. Harrington as su-perintendent. Mr. Harriagton spent 20

years in the mines of Park City. A number of the brokers operating on the Salt Lake Stock Exchange took ad-vantage of the two days' vacation this week to try their luck at angling.

President John Dern of the Consolldated Mercur has announced that that property will reappear in the divident column in August.

J.W. Langley departed on a business trip to Portland, Ore., last night. carrying 5 per cent copper , besides gold and silver values,-Times. Harry Joseph departed for Park Valley to look after mining interests in that camp last night.

A carload of ore from the Galena mine of Fish Springs is en route.

M. H. Hennessy, superintendent of the Silver King Con., came down from Park City last night and will stay over until Monday. A shipment of ore from the Goodsell

mine in American Fork canyon is ex-pected to reach the local market in a few days. Secretary Henshaw, of the Royal Gold & Copper company, is expected home from Frisco tomorrow.

Manager A. J. McMullen, who has ars. een looking over conditions at the O. K. Extension mine in Beaver county for several days, is expected to return from the south tomorrow morn-1,700

The Puritan company, a Boston con ern which owns a large tract of land

in Grand county, is now engaged ex-ploiting the ground. The oil well, known as the Pope well, owned by this company, is being put in position for drilling. Manager Pope is al-ready on the ground --Price Advocate. Experiments are now being made with the asphalt of the Intermountain Asphalt company in the making of briequettes of stock coal. The Caliornia system is being used and the product is as fine as any yet produced the bricquettes coking while in the

, are forming an extra clean fuel The refinery for the company is already under construction in California and everything looks to an early start. -Price Advocate

Engineers are at work on the site for the Utah Copper company's (Wall-De-Lamar) 500-ton concentrator, and it is given out that grading is to begin in a few days. Colonel Wall and Engineer Frank Janney were looking over the ground yesterday. Colons! Wall also inspected new developments at the Kempton.—Bingham Balletin. W. H. Alexander, of the Majestic company, has returned from Milford, รไตร้านรู้อยในประวัตร้านรู้อยในรู้อยู่หรือน้ำหร้องรู้อยู่หรู้อยู่หรู้อยู่หรู้อยู่หรู้อยู่หรู้อยู่หรู้อยู่หรือ

Salt Lake Bank Clearings	Ogden Savings bank
Sait Laks clearings for the past week as compared with the same week a year ago were as follows:     1902.     1902.       July 20, \$ 557,602.49 \$ 758,744.03     July 21, 423,050.29     940,124.01     July 22, 440,186.45     522,851.85	Greeley Sugar Co
July 23, 474,523.82 Holiday. July 25, 493,374,54 560,821.22 Totals., \$2,298,747,59 \$3,595,675,52	Con, Ry, & Power Co., honds 1 S. L. C. Italiroad bonds Snupter Valley Railroad 1 Utah Co. light & P. Co., bonds., 1
Decrease, \$1,296,927.93.	The Boise Capital News of the inst. has the following of interest

and Sixth West, brick cottage, \$1,000. J. M. Hay, 35 east Seventh South, making in the crosscut on the 309 level brick addition, \$800. Magny, of the Blackbird, but the vein has not E. been reached. It has been decided to sink the de-

No California Assessment.

Utah Sugar Co., pfd .....

The Utah Sugar Co., com......

Rocky Mt. Bell Tel. Co..... Davis Co. bank, Farmington.....

State Bank of Utah.

time.

Second South, between Sixth and Seventh West, frame cottage, \$350. Taylor, Romney, Armstrong Co. Secent shaft on the Royal West and South Temple, frame

pany's Montreal property at the inter-section of the two great veins that cross the property. Work was started at shed, \$800. Nebeker, Second West, between this point a short time ago, under the direction of Supt. John Forgie. Remov-Third and Fourth South, brick cottage,

al of the surface debris exposed the vein and the shaft is now down about Mrs. E. Nebeker, Second West, tween Third and Fourth South, brick cottage, \$1,000. 20 feet. One of the large gasoline hoists that have been ordered will be located at this point. The location of the shaft Mrs. Wm. Keyting, First North, be-

ween First and Second West, 3-house at this point will enable the company brick terrace, \$9,000. W. J. Tuddenham. Second street, be tween J and K, brick residence, \$2.500 explore each vein in both directions through one shaft. Joseph Farren, former manager of the property, is

W. H. Smart, corner First North and Second West, alterations, \$500. uthority for the statement that the Montreal group could at this time be made to produce daily 300 tons of ore T. J. Davies, rear 843 east Fourth South, two brick cottages, \$1,800. Total, \$20,050.

The money market has been quiet but good the past week. Loans have been in demand, most of this coming from the sheep and cattle men. The flurry on Wall street, within the last few Contrary to a report which has general circulation there is no assessment pending on the stock of the California Mining\_company of Park City, Judge days, has had no discernible effe-on the far western money markets. effect W. I. Snyder said this forenoon that would be required for some little

# POLICE PICKUPS.

BUSINESS NOTES. mounnon The residence of L. G. Burton, 124 The local market is almost entirely South Secord West street, was burglarat a standstill, and investors seem to lzed about 7 o'clock last evening, but have their eyes fastened on the finanthe thieves secured nothing of any cial troubles in the east. Some people, great value. The family was away nervously inclined, have been offering from home, and when they returned several of the best of local stocks durfound that the place had been entered ing the week to obtain ready cash, with and ransacked from one end to the the result that some in the list, notably other. A compass, a razor and a few Home Fire and First National Ogden small trinkets were all that was misswhich rarely move from their elevated ed. The police department was notified and are working on the case pedestals, are forced down several

notches. The sugars all continue in-Mrs. Johnson, who was arrested the other day on the charge of committing an assault upon Mrs. D. L. Miller, was active, with considerable offerings. Few bidders are in the market. Broktried before Judge Diehl this morning, found guilty and fined \$5. It appears ers all say that until the prospect of the conflict between the Eccles and that Mrs. Miller was engaged in con-versation on East Temple street with Nibley interests in Cache county passes a friend when Mrs. Johnson "butted n" and the two women became inaway, there will be a general feeling of uncasiness in sugar stocks. On the other hand the crop never looked so promising, and the Utah factories are assured an enormous season's run. olved in a row. Suddeniy Mrs. John son struck Mrs. Miller in the face and was arrested for assault and battery.

Following are the latest quotations: Frank Croy was tried this morning on the charge of assaulting one Peter Johnson because the latter untied the Deseret National bank......\$285 00 former's horse. It was shown in the testimony that Johnson was intoxicat. ed and that Croy told him to let the horses alone. Johnson persisted in his 150 0 efforts to free the animals and sudden ly something hit him a smash on the jaw and the sunlight was turned vo Com, & Savings bank ..... 130 0 'something'' was Croy's fist. ehi Com. & Savings bank...... 100 0 'hatcher Bros, Bakg. Co., Logan. 120 0 H was found not guilty and discharged.

National bank, Ogden..... 221 9 James Buckley, a vag, tried to make 94 0 a "get away" from Judge Dichi's court this morning, and his efforts would 107 les Banking Co., Kaysville., 230 have proved successful but for the fact 150 0 that Officer Carlson saw Buckley making a "hot foot" for the street. Carl-son gave chace and grabbing the fellow by the neck, hauled him back to the courtroom. 11 7

Before Judge Dichl this morning, Clyde Williams pleaded guilty to the ····· 19 0 charge of petit larceny. It was al-leged that he stole a revolver from a 65 0 Co-op Lehi..... 10 00 restaurant yesterday. He was given 50 days at hard labor.

..... 100% & Power Co., bonds..... 100 This morning Officer Bert Seager ar-Railroad bonds..... 100% Valley Railroad...... 161 rested a fellow who gave the name of F. Chase. The latter was in the light & P. Co., bonds., 100 act of stealing some rings from Box-rud's store on Market street, when one of the clerks observed him and the Soise Capital News of the 20th Additional and the following of interest in police were quickly notified. Officer this city: A beet sugar factory for Seager arrived just in time to nab

d. rime mercantile paper, 5%,65 per cent. new set of instruments for Australia terling exchange steady at 4.36644.86.20 demand and at 4.83.75944.83.875 for 60 s expected to indicate metals to a depth of 1,600 feet, and to show the lepth of the ore within 7% per cent.

Ireland's bogs are better than gold nines and should transform the country, in the roseate view of Sir Richard Sankey. He estimates that these bogs regular

LIVE STOCK. CHICAGO.

Chicago, July 25 .- Cattle-Receipts, 6,000 19, Good to prime steers, 5,255.60 to medium, 4,2505.25; stockers and rs, 2,256(4,6); cows, 1,456(2,56); helf, 2003(55; canners, 1,5932(55; bulls, 2,56); polyes, 4,0606.39; Texas fed steers.

-Receipts, today, 14,000; Monday Hogs-Receipts, today, 14,000: Monday, 38,000: left over, 3,000. 5/210c lower. Mixed and butchers, 5,4005.50; good to choice heavy, 5,5025.70; rough heavy, 6,2503.50. Hight 5,4005.8224; bulk of sales, 5,5005.65. Sheep-Receipts, 2,200. Sheep and lambs steady, Good to choice wethers, 3,550 1.00; fair to choice mixed, 3,0064.60; west-ern sheep, 3,2503.60; rative lambs, 3,250 1.00; western lambs, 3,2503.55. The attention of a French society has been called to the case of a wo man whose respirations have fallen in a few years from the normal 15 pe minute to an average of four or five the number being three before break fast and rising to seven under vary

ing influences. A dog whose pneumo-gastric nerves had been cut showed ex-KANSAS CITY. KANSAS CITY.
Kansaz City, July 25.—Cattles—Receipts.
Cuchanged. Native steers. 1.005525.
Texas and Indian steers. 3.2504.07. Texas cows. 2.0905.30; native cows and helters.
2.0905.40; stockers and feeders. 2.0005.50; bulls. 2.5903.75; culves. 2.0005.40; models.
Hogs—Receipts. 3.090 Market weak to ic lower. Bulk of sales, 5.3095.40; meakur. 5.35
5.40; light. 5.3505.45; yorkers. 5.3005.45; pigs. 5.3095.45.
Sheep-Receipts. none. Sawdust is very destructive to fishes in aquarlum experiments, but seems to The nests of a caterpillar of unde termined species, living in a single for est of Madagascar, offer a possible new

source of fine silk. U. Thery, of the Madagascar forest department, states Sheep-Receipts, none. DENVER. Denver, July 27.—Cattle—Receipts 200, iteady, Beef steers, 2.7505.00; cows, 2.09 14.25; feeders, 3.0004.00; stockers, 3.000 00; bulk, 1.5073.50. Hoges-Receipts, 50. Market lower, Light ackers, 5.1005.20; mixed, 5.1005.20; heavy, .1005.15.

ep-Reccipts, none. Market unhanged.

#### NEW YORK PRODUCE

New York, July 25.—Wheat-Receipts, 9.759 bushels, Guiet and barely steady this morning with but little change from last night. September, 80.3-160.804, Butter-Receipts, 5.369 packages, Steady, State dairy, 14918; creamery, 15212, Ezgs-Receipts, 5.999 packages, Steady to firm. Western seconds to extras, 14218, Sugat-Raw, firm. Fair refuling, 32-36; Sugat-Raw, firm. Crushed, 5.09; powdered, 5.10; granulated, 5.09; Coffee-Quiet, No. 7 Rio, 546. It is becoming understood that death is often--if not always--a gradual pro-cess, cells and tissues remaining access, cells and tissues remaining ac-tive for hours or even days after the organism as a whole is dead. Prof. Herin<sup>#</sup> points out that this is especial-ly noticeable in some lower animals. The action of ciliated cells from the gills of a clam or the traches of a dead owdered, 5.19; granulated, 5.00 Coffee-Quiet, No. 7 Rio, 5%.

> PRODUCE. CHICAGO,

Chicago, July 25.—Cash: Wheat.—No. 2 red. 77075; No. 3 red. 76977; No. 2 hard vinter, 775; No. 3 hard winter, 75%; No. northern spring, 82%; No. 2 northern pring, 81: No. 3 spring, 75639. Corn.—No. 2, 51%4030%; No. 3, 314051%. Oats.—No. 2, 31%4032; No. 3, 326332 'ongo. It is obtained just beneath the

LIVERPOOL Liverpool, July 25.-Close: Wheat-Sep-tember, 6s 21/3d; December, 6s 21/3d. ples being from the root bark of the Landolphia Tholloni, and it is of the

CHICAGO WHEAT. Chicago, July 25.-September wheat op-med 19714 lower at 75/9775, advanced to 75%, and closed firm at 77%, a gain of lc.

> WOOL. ST. LOUIS,

St. Louis, July 25.-Wool-Steady; terri-tory and western mediums, 165-01852; fine medium, 145-016; fine, 135-016

The new Irrigation Law, in pamphlet form, only 10c at the Deseret News Book Store.

ROBERTS' COMPLETE WORKS.

"Outlines of Ecclesiastical History, 1,75, \$2.50, \$2.75; "The Gospel," 754 \$1.75, \$2.50, \$1.25, \$1.50; "New Witness for God. 31.50, \$1.50; "Succession in the Presi-dency," 30c, 50c, 75c; "Rise and Fall of Nauvoo," \$1.25, \$2.25; "Missouri Perso-cutions," \$1.25, \$2.25; Deseret News Book Store, Salt Lake City, Ut.h. quite harmless, carbolic acid being 146

grong, and with wrong philospohy w St. Louis are sure to fall into all sorts of errors. Yes. sir." said the waiter, not un-Butte derstanding a word. continued the patron, "you Now. have the tip reversed from what it should be. You put it wrong end to. SYSTEMS OF BOOKKEEPING OR COSTS. pay the proprietor for food and ser-lice and honors are easy between us Now, where do you come in? My wants EDWARD L.BURTON nake you necessary, I really create our employment. Without a patron to the house you would be without a job. You are un-ler obligations to me for making you 11 E First South St. resence here necessary, so if you put ips on a philosophical basis you should SUGAR STOCKS pay me. I am the reason for the pro ictor hiring you." He walked out, and the walter stood And Other High Grade Investments imoved .-- Kansas City Star.

WAITERS SHOULD TIP.

did not understand it. The patron had finished his meal, paid his check and was disposing of the change, while the

waiter lingered near with hs eyes of

'Are you waiting for a tip?" asked

"Just as you please, sir," answered

iot be yours," replied the patron. "The

trouble is that your philospohy

Then I fear that my pleasure will

the disappearing coins.

Increase

the patron

IT'S JUST AS EASY To get good lumber as the other kind.

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O. D. ROMNEY, Mgr.

finest quality. When the bark broken, the two pieces are held gether by the rubber lining, which is of great elasticity. A new albuminoid substance, which has been named "maisine," has been obtained by E. Donard and H. Labbe from maize, of which it forms 4 to 4.3 per cent. It is an extremely light and ine white powder, and resembles when gluten in appearance, but differs from t in chemical properties. It

soluble in hot and cold water and saline solutions, but dissolves in alcohols, ace-

tone and alkalies A mixture of the essential oils of thyme, eucalyptus, baptisia, willow and Parisian bacteriologists have found it much more powerful as a germicide than any one of the oils singly. It is

times as poisonous to man.

frog may be observed for a long time under the microscope, and when sup-plied with nutrient solution cells from turtle or snake sometimes for a week.

bark of several plants, the best sam

Rubber that grows underground is an nteresting new product of the French

a frog's brain have even been kept alive more than a week. Hearts of animals often move long after removal from the body. The heart of a frog will beat for hours, and that of a

that these nests, which are attached to rees, are of dazzling whiteness, and are about 61 inches long, consisting of silk-hustrous, very flexible and ver tenacious-much resembling that of it nmon silkworm. From 100 to 15

loss of only 20 per cent.

actly similar slow breathing

prove much less so in rivers.

caterpillars live in each nest, going ou at night for food. The caterpillars ar very prolific, and it is prohable that hey can be successfully introduced into other forests. Experiments are be ing made to determine the value of the slik.

contain the equivalent of 5,000,000,000 tons of coal, and he would create pow for varied industries by conv the fuel into electricity on the spot, an lectric main of 150 miles sufficing each any part of Ireland from the bogs of Mayo. In America electric current is readily transmitted 200 miles with

s, osted rates, 4.84% and 4.87, ommercial bills, 4.8324.83%, ar silver, 54%, exican dollars, 42%, onds-Governments steady; railroads It was a new philosophy to a waiter a hotel restaurant, and he evidently