old mines, no great finds have turned up. If the Coeur d'Alene mines were

in full operation, sending out out ample supplies, the situation would be vastly improved, but they are not. There are no lead mines in Cripple

We may go further, and truth-

Creek. We may go further, and truthfully say, there are none in any of our camps. When the price of silver justified the active working of our silver mines the lead product was greater than it had been since the shut down of '93. Even then it was not equal to the demand. Now it is deplorably short, and that's what's the matter with Isabella.

NEW INCORPORATIONS.

California Property the Basis of an

Incorporation.

Articles of incorporation of the Illi-

orise the directorate

Cripple Creek Mines.

The practice of ore stealing has pre-

valled to a greater or less extent in

every district where rich ore has been mined, says the Denver Post. During

the period of telluride or tellurium pro-duction in Boulder county, when the ores were of fabulous value, running

vein which carried it was only two or three inches wide, but it was a very wonderful streak while it lasted. Here, also, the miners had to be closely

watched or there would have been lit-tle left for the owner. But with the utmost vigilance on the part of the

manager the loss through pilfering was great. Like experience befell the man-

agement of the famous Slide mine in

Smugler and some others. Again, in 1879-80, ex-Senator Tom Bowen struck

an enormously rich streak of native gold in the Golconda in Summit dis-trict above Dei Norte, where, in a nar-

row vein, the quartz was literally plastered with gold. In each case thous-ands of dollars worth were spirited away by the miners in dinner pails and

their clothing. Yet this practice, bad as it proved for the proprietors, entailed

only a small loss compared with another which prevailed in Georgetown in

its more prosperous days. Certain of the miners took a notion that the grade

to their ores could easily be advanced to their profit by salting them at the sampling works before they could be tested. The mineral was all right in most cases when it left the mine, but when red for the sampling the price of the sampling them.

when paid for after sampling the price per ton went into what the Cripple

Creek reporters call "the pictures." It was simply sprinkled with chloride

of silver through an ingenious injector which the operator carried "up his sleeve." I knew one ore buyer who lost \$25,000 by the system. It became

so general as to cause a public scandal in that market. Some of the salters were caught and tried before Judge J.

B. Belford, who not only raked the

convicted frauds fore and aft from the bench, but sent them to the peniten-tiary for the full limit allowed by stat-

ute. This put a stop to it. Yet only last week it was more than hinted by

had been sold a short time ago, was very dextrously salted on the late pur-

chasers, probably after the manner ap-plied in Georgetown. Nevertheless such

Electric Motors Arrive.

The Taylor-Brunton Sampling com-

the General Electric company. One is 75 horse power, while the other one is

MINING NOTES.

marketed ten cars of ore today.

market today with a car of ore.

today from the Mammoth of Tintic.

A carload of copper ore was marketed

today from the Sunday mine at Silver

The Taylor-Brunton sampler report-

ed twelve cars of ore from Tintic to-

A car of ore was on the market to-

day from the Showers Consolidated mine in Tintic.

The Conklin sampler reported five cars of ore from Tintic and two from Stockton today.

The Eureka Hill, of Tintic, reached

the side tracks of the sampler today with five cars of ore.

The adjourned meeting of the Daly

elapse.

mining business.

the same county, the Melvina,

## MINING, BUSINESS AND STOCKS.

THE THE PROPERTY OF THE PROPER

### MAMMOTH WAS ACTIVE TODAY.

Assurance of an Early Dividend Makes Stock Sell Up to \$2,25.

DALY-WEST SOARING AGAIN.

Stock Sold at \$19.70- Remarkable Shrinkage in Grand Central - Bul-Hon-Beck Weak-Ajax Lower.

#### TODAY'S METALS: SILVER 5914

LEAD, \$4.571/2 CASTING COPPER 153%

Considerable activity was shown today by Mammoth owing to the assurance that a dividend of 10 cents a share will be forthcoming soon after the 1st of April. The stock sold at \$2.25 at the outset, but those who expected it to go higher were disappointed. It weakened to \$2.22, but afterwards reacted to

Daly West took another flight today and soared to \$19,70, the price of the second sale. It softened a little before the call closed, selling at \$19.62.

Grand Central, with conflicting reports of the mine's condition, shows a remarkable shrinkage today. The stock was traded in at from \$5.39 to \$5.21, and closed with \$5.014 bid.

Ajax was traded in at 45, while Bullion Beek was banded out at \$2

Petro sold at from 39½ to 39½. Swan-sea, with the day for the declaration of another dividend approaching, sold up to \$2.76 and May Day made transfers at \$1.11½.

Bowers Extension was handed out at 216. Northern Light brought 756 and Chloride Point was traded in at 9. Closing quotations were as follows:

LISTED STOCKS.

	Bid		Aske	d.
Ajax	, 10	4734		49
Alblon		65	1.	.00
Alice		41	- 6	75
Ancher				
		35		1122
Antler	2.8			34
Bullon Beck Boston and De La Mar		. 14		5-16
Bullion Beck	2	971/4	3	20
Boston and De La Mar		1/8		24
		5 '8		5
Blue Died Extension		*		1
Contennal Extension	86	***	00	
Centenniai Eureka	48	00	30	
Blue Bird Extension Centennial Eureka Chloride Point Congor		614		916
Congor		15		35
Central Mammoth		1/4		1
Daisy		46		9-16
Dalton and Lark		4 "		8
Daly		0714		60
Dally West	40	6172	40	
Day west	19	03	19	
Daisy Daly West Dexter Daton	. 1	01	1	25
		1/4		16
Eagle		1		5
Emeraid		3		736
Emerald Eagle and Blue Bell		65		94
Four Ances		3.84		ATT DESCRIPTION OF
Four Aaces		1%		3%
Frisco		154		3
Golden Eagle	5.	11/2		3%
Geyser Marion		4%		10
Galena		16		2714
Galena King				10
Galena King	1.	0114	5	30
Golden Cote Extension		OT 1	0	
				25
Herschel		1		
Horn Silver	1	10	1	70
Hercules		1/4		114
Homestake		21/2		81/4
Ingot		4		8
Homestake		917		
Joe Bowers		2.0		
Ton Downer Post		*		0
Joe Bowers Extension		278		2%
PC POINTING				10
Lower Mammoth		46		48
Little Pittsburg		1/4		2
Mammoth	2	24	9	25
Manhattan		**		14
Ad corrector	5	EA		65
Martha Washington	. 0	90	. 0	00
Marina Washington				1
May Day	100	111/4	- 1	11%
Northern Light		71/2		734
Cintario	. 8	55	. 9	50
Petro Sacramento		39	9 6	39%
Sacramento		18		21
Sacramento Con		**		
Silver Vine	**	**		21/2
Silver King	. 50	00		1211
		2		3
		15		
Star Consolidated	2	9		1927
Swansea	- 3	72	. 3	76
South Swansen	1	25	1	76 30
Showers Con			-1	2214
Silver Cloud				HM 73
Cuency		1	WH.	2
Sucess	6.5			2
Tetro		5		8
Tesora		30		40
L'IAB	4 15	50		
Valeo		45	16	70
West Morning Glory	71	3/		74
THE RESERVE OF THE PARTY OF THE		4.76		4 18

West Mountain Placer STOCK TRANSACTIONS.

Ajax, 100 2t 45. Bullion-Beck, 100 at \$3. Chloride Point, 500 at 9.
Daly West, 50 at \$19.50; 2,00 at \$19.70; 100 at \$19.62.

Grand Central, 100 at \$5.39; 100 at \$5.26; 100 at \$5.21.

Mammoth, 200 at \$2.25; 100 at \$2.23; 400 at \$2.22½; 100 at \$2.22; 100 at \$2.22¾; 100 at \$2.24 seller 10 lays. Northern Light, 500 at 7%; 300 at 7%. Petro, 500 at 39%; 100 39%. Swansea, 200 at \$3.75; 300 at \$3.76, Joe Bowers Extension, 1,000 at 2%; 3,-

May Day, 100 at \$1.11; 100 at \$1.11\(\frac{1}{2}\).

Bunker Hill, 7,500 at \(\frac{1}{2}\); 2,000 at \(\frac{1}{2}\);

3,000 at 5-16. Shares sold, 32,200. Selling value, \$13,647,32.

### REALTY AND BUILDING.

A warranty deed has been filed for record conveying from Katherine D. Holden, of Cleveland, O., to C. E. Loose of Provo, for \$9.000, lot 1, block 2, plat A, the same being the old Dye residence corner First and F streets.

### OUR NEW STORE.

Monday and week sale on Ladies' Sults, Dress Skirts. All new, R. K. THOMAS DRY GOODS CO.

### NEW CATALOGUE

CHURCH WORKS. Just issued by the Deseret News. Send for free copy. Special terms to deal-ers, agents and canvassers.

# BUY THE CENUINE

MANUFACTURED BY CALIFORNIA FIG SYRUP CO. ST NOTE THE NAME.

Tax Commission in New York Causes it by Heavy Valuations.

Aggressive Buying Cheeks Decline-Live Stock Market Steady to Quiet-Produce Firm.

New York, March 7 .- Wall Street: The heavy franchise valuations made by the tax commission at Albany were the cause of acute weakness in the stock of companies affected. Metropolitan street rallway ran off 4 points Manhattan 2, and Brooklyn Transit The trunk lines and Pacifics weakened in sympathy. Supporting orders in the tractions checked declines, and Manhattan was lifted to last night's level and Brooklyn Transit and Metropolitan over a point above. Aggressive buying appeared in other quarters, sugar jumping six points from the opening, totacca 2%, and some of the metal stocks a point or better. Railroad stocks were strong in spois, notably Baltimore & Ohio, Atchison, Union Pacific and Northern Pacific. A reaction of 2 points in sugar and profit-taking in the local issues was without interest at 11 o'clock. The market became hesitating, but there, were no variations of importance until new demand sprang up for the tractions. best. There were large dealings in Anaconda and Consolidated Gas, which rose 214 and 5 points respectively. Railroads were dull and slightly easier. Toward midday prices of the special-ties fell away, but a jump of 2¼ in Tennessee coal checked a decline.

The demand from the short interest in sugar was urgent, carrying the price p to 111, and after a reaction of over points up to the high level again. The market generally was heavy. The closing was dull and irregular at mixed

Bonds were quiet and steady, MONEY AND BONDS.

Money on call easier at 31/2 per cent. Prime mercantile paper 4% 65% per

Sterling exchange easy with actual business in bankers' bills at 4.86% for demand and at 4.82% % for 60 days; posted rates 4.83% and 4.87%; commercial bills 4.82% 64.83.

Silver certificates-604@614. Bar silver-59%@%.

Mexican dollars—47%.

Mexican dollars—47%.

Government bonds strong. United States 2s refunding when issued. 104%; 2s regular 100%; 3s regular 110%; 3s coupon 110%; new 4s regular and coupon 134½; old 4s regular 115%; old 4s coupon 116%; 5s regular and coupon 114%.

SUGAR. Sugar--Raw firm; refined irregular. THE METALS.

New York, March 30.—Copper, firm; brokers, 17%; exchange, 16%; casting, Lead, quict; brokers, 4.45; exchange,

#### CHICAGO MARKETS.

LIVE STOCK.

Chicago, March 30,-Cattle-Receipts 4,500, including 300 Texans. Steers slow at yesterday's decline, Butcher's strong active. Good to prime steers 5,00@5.85; poor to medium 4.00@4.75; stockers and feeders 3.40@4.85; cows 3.00@4.85; heifers 3.20@4.75; canners 2.00@2.65; bulls 2.50@4.25; calves 4.50@5.75; Texas fed steers 3.90@5.10; Texas bulls 3.20@3.60. Hogs-Receipts today, 20,000; tomor-row, 15,000; left over, 4,374. Market 50 lower: top 5.50. Mixed and butchers: 5.10@5.42½; good to choice heavy 5.25@5.50; rough heavy 5.05@5.20; light 5.15@5.35; bulk of sales 5.30@5.40.

Sheep-Receipts 8,000, Market steady, Good to choice wethers 5,85@6.20; fair to choice mixed 4.85@5.90; western sheep 5.75@6.25; yearlings 6.00@6.75; native lambs 5.60@7.35; western lambs

### PRODUCE.

May wheat opened at 66%@%, sold to 66%, reacted to 67%, and declined again

Wheat-March 66%; May 67% Close: Wheat—March 66%; May 67%, 6%; July 68% 6%; Sept. 68% 6%, Corn—March 37%; May 387%.

Oats—March 23%; May 24%.

Pork—March 12.70; May 12.70.

Lard—March 6.35; May 6.45%.

Ribs—March 6.65; May 6.65.

Cash: Wheat—No. 2 red 69@70; No. 3 red 66@68;; No. 2 hard winter 66@67; No. 3 hard winter 62@67; No. 1 northern spring 67% 669; No. 2 porthern spring 67% 669; No. 2 porthern spring spring 67% 669; No. 2 northern spring 67668; No. 3 spring 63667. Corn-No. 2, 37%; No. 3, 374,6%. Oats-No. 2, 24%; No. 3, 24%.

Rye-554@%. Fiax-1.65. Barley-374@44. Timothy-2.35.

### KANSAS CITY LIVE STOCK.

Kansas City, March 30.—Cattle—Receipts 4,500. Market steady. Native steers 4.00@5.45; Texas steers 3.90@5.00; Texas cows 2.50@3.30; native cows and Texas cows 2.50@3.30; native cows and heifers 2.00@5.15; stockers and feeders 3.25@5.25; bulls 2.75@4.00.

Hogs—Receipts 9.000. Market weak to 7½c lower. Bulk of sales 5.95@5.15; heavy 5.05@5.25; packers 5.02½@5.20; mixed 5.05@5.15; light 4.90@5.10; yorkers 5.05@5.10; pigs 4.20@5.00.

Sheep—Receipts 2.000. Market steady. Lambs 5.75@7.50; muttons 3.00@5.70.

### OMAHA LIVE STOCK.

Omaha, March 30.-Cattle-Receipts Omaha, March 30.—Cattle—Receipts 3,600. Market 10c lower. Native beef steers 4.0026,30; cows and heifers 3.30@ 4.35; canners 2.00@3.25; stockers and feeders 3.70@4.90; calves 3.50@7.00; bulls, stags, etc., 2.85@3.90.

Hogs—Receipts 7.000. Market 5c lower. Heavy 5.10@5.20; mixed 5.07½@5.15; light 4.90@5.15; pigs 4.50@5.00; bulk of sales 5.10@5.15.

Sheen-Receipts 1.400. Market strong.

Sheep-Receipts 1,400. Market strong-er, Yearlings 5.75@6,25; western mut-tons 5.50@6.00; stock sheep 4.25@5.25;

### LONDON STOCKS HIT HARD.

London, March 30 .- The Delagoa Bay railroad award had a disastrous effect on Delagoa railroad stocks on the stock exchange today. Ordinary shares were quoted resterday evening at 7% and are now at 1; first debentures, which yesterday evening were at 138 are now at 90, and seconds, which were at 115 yesterday are now at between 50 and 60.

### DENVER LIVE STOCK.

Denver, Colo., March 30.—Cattle—Receipts, 200, Market steady. Beef steers, 4.15@4.70; cows, 3.00@4.00 4.15@4.70; cows. 3.00@4.00; feeders, freight paid to river, 3.00@4.75; stockers, freight paid to river, 3.75@4.90; bulls, stags, etc., 2.00@3.00. Hogs—Receipts, 600. Market 5c h.gh-er. Light packers, 5.05@5.10; mixed, 5.05@5.10; heavy, 5.06@5.05. Sheep—Receipts, none,

### SAN FRANCISCO PRODUCE.

San Francisco, March 30,-Wheat firmer; May, 98%; Dec., 105%. Cash Barley-No sales; cash barley 78%.

### WAS WEAKNESS IN STOCKS. UPPER LEVELS SHOW RICH ORE.

But No Big Bodies Have Been Found in Bullion-Beck,

ANNIE LAURIE SHUT DOWN

Causes Surprise Reasons Not Given Rich Streak to the May Day-New Mining Incorporations.

In reference to the statements of individuals, in touch with the insiders, that some very rich ore has been lately uncovered in the upper workings of the famous Bullion-Beck mine. President Farnsworth said today that while the fact was undeniable that rich ore has lately been exposed in the upper levels, no large bodies have been discovered. the management has been retimbering and straightning up some of the old drifts and in doing this work patches of high grade ore have been found, but not in sufficient quantity to cause any jubiliation.

The company, it is said, has not been The company, it is said, has not been able to increase its bank account, and instead of the old producer entering the dividend list in the near future, Mr. Farnsworth intimates that it will be some time before that will be the case, as, from the present appearance of the mine, a great deal of dead work will have to be done. Meanwhile the mill is said to be working very excessfully. is said to be working very successfully on about 75 tons of ore a day

#### ANNIE LAURIE DEAL.

Work on Property Stopped After Ex-

penditure of Thousands of Dollars. W. F. Snyder came up from the South last evening and reports that work on the Annie Laurie mine was stopped last Wednesday. Mr. Snyder expresses himself as being entirely at Sea regarding the reasons for the shut down. Messrs. Kimberley and Huck, who have secured the option on the property for \$210,000, are said to have spent more than \$60,000 on the property, and it was expected that the work of driving for the ore body would go forward in the lower tunnel right up to April 15th, the date on which the option expires. So far the Eastern parties have not been successful in tapping the vein in the lower tunnel. It be possible that Mr. Rutan and the other experts who went south with Mr. Snyder and who are now making a final examination of the mine, consider the point passed at which the contact should be made. But of this nothing can be learned at present. A rumor is also current that the shut down is in also current that the shut down is in some way connected with the Weimer-Voigt people, who claim to have control of the water supply and a mill site that is needed by the Annie Laurie in order to make the mine a success.

### THE DEXTER SHAFT.

R. G. Legg Says It Will Be Put Down 350 Feet At Once.

The work of sinking the Dexter shaft from the 250 level to 350 feet will be resumed as soon as Superintendent R. G. Legg reaches the mine. This is the statement made today by Mr. Legg, who expects to leave for Tuscarora on Sunday. In the future the company will not send the Sulphide ore to the smelters of this valley. The treatment charge of \$18 a ton on the small conthought to be excessive, and hereafter the company will handle this class of ore at the mine. About 50 per cent, it is thought, of the silver values will be lost, but as all the gold may be saved, it will be cheaper than shipping it to the smelter. Mr. Legg says the Tuscarora people express great confidence in the future of the camp and while a number of leasers are working more men are coming into the camp right along. No trouble is anticipated with the water supply this summer, owing to the light snow this winter. The rains of early summer are expected to supply water enough in the creek to furnish power to general needed electric juice.

#### HIGHLAND BOY COPPER. Nine Carloads Shipped to New Jersey Refinery During Month.

The output of pig copper from Highland Boy smelter near Murray for the present month is nine carloads, All of this immense output is shipped to the Perth Amboy refinery in New Jer-sey, where the gold and other values are extracted. The total weight of the shipments is a little over 541,000 pounds.

#### RICH STREAK IN MAY DAY. Lowest Ass( ) Shows Presence of

Eight Ounces in Yellow Metal. R. S. Hamilton, who has just re-turned from the May Day mine at Tinsays that a very rich streak of gold bearing ore has been opened up on the fifty-foot level. The ore is said to be of whitish appearance and to carry an average of 9 ounces in the yellow metal according to a number of assays made at the mine, the lowest of which returned 8 ounces in gold per ton. The ore chute has not yet been encountered on the 100 level though the stringers of ore being encountered are said to look very favorable. It is believed the contact will be made within the next few days. Two cars of ore were shipped yesterday and should reach town to-

### THE SMELTER TRUST.

Owners of the Rich Isabella Mine

Object to Its Methods. The Isabelia mine at Cripple Creek. Colo., has not shipped a pound of ore since early in February, says the Denver Post. This is owing to what it terms the outrageous demand of the smelter people. This decision is in-teresting in the midst of the loudly spaken objections to the smelter trust, which has given rise to so many in-dependent smelter rumors. The same state of affairs exists in Colorado as exists in this State. It seems to be only a question of time when the smelter company's demands will have to be met, or the mining industry will be materially affected by the closing down of some of the mines. The arti-cle in question says of the Isabella

By the deductions on gold it claims to have lost \$300 on the last shipments. Where formerly \$20 an ounce was allowed, only \$19 is now paid. The man-agement is now holding onto the feasi-bility of building a smelter of its own. But here's the difficulty—it must in that case have the different varieties of ore necessary to carry its silicious stuff. There's an abundance of sulphides, of course, but lead is almost as precious as gold, and a good deal scarcer. Let us all be decently honest about this matter. The Post has made a tolerably fair expose of the lamentable shortage of lead in this market, and that constitutes the chief fector of adoption of the committee's report on the ground that it was not compiled by the committee. Manager D. C. McLaughlin of the able shortage of lead in this market, and that constitutes the chief factor of the problem. The smelters could well afford to offer a handsome bonus to prospectors for the discovery of good lead mines. While a few deposits have been found here and there, mostly in all mines, he was the second property in

Quincy property at Park City is regis-tered at the Knutsford with Mrs. Mc-Out of respect to the memory of Mrs. Duncan McVichie, whose funeral took place today, the offices of De Lamar's Mercur mines were closed during the

The directors of the Swansea Mining company will meet tomorrow in regu-lar monthly session and it is expected

that the customary dividend of \$5,000 will be posted. Two carloads of high grade ore from the Utah mine at Vish Springs is lying at Oasis waiting for railroad cars

The lot will be on the market in the beginning of the week. Superintendent George Edwards of the Mercur fine came to town last evening to attend the funeral of Mrs.

Dunean McVichie, which took place to-

De Lamar Messenger: ; Work at the Horseshoe is steadily going on,the erec-tion of the mill is in progress, and it is estimated that there is ore enough in sight at the present time to run the mill for one year,

nots Mining and Reduction Company were filed yesterday afternoon in the Simon Bamberger and H. S. Josephs expect to visit the Lower Mammoth on Monday and arrange for the placing of office of the county clerk. The capital stock is placed at \$500,000, divided into a like number of shares of the par value of \$1 each. S. McDowall is presi-dent of the company; A. B. Patton, vice president; Boyd Park, treasure; the new hoisting plant, after which a statement of the company's affairs is Joseph A. Graham, secretary, who with John A. Shettle, L. F. Herrick, H. James McGarry Is in the city from the Pinte iron district in which he owns

G. Butler, Nama A. Shettle and L. Simon form the directorate. The company owns the Venus and valuable from claims. About forty men are reported to be working on the claims secured by the Milner-Dearthree other mining claims in El Dorado, California. The claims are said to be Lerch syndicate. located on the famous mother lode.

The Big Cottonwood Gold and Copper A car of ore is expected to reach the

city tomorrow from the Nevada com-pany's mine at Galena, Nev. Superin-tendent Mulhall is now ready to be-gin stoping on the ore from the 150-foot Company filed articles of incorporation with the secretary of state today. The capitalization is 200,000 shares of the par value of \$1 each. The officers of the new company are: Nicholas Tre-week, president; William Hatfield, vice president; W. L. Treweek, secretary; Sharp Walker, treasurer. These, with A. Hanauer and W. H. Dickson, com-J. A. Czizek, State mine inspector of Idaho, is in the city for the purpose of talking over the proposition to have

the Idaho output smelted in this val-ley. Mr. Czizek reports a greatly in-creased activity in the Idaho camps. The company, which owns one pat-ented claim, has also secured a bond on a large group of adjoining claims. De La Mar Lode: Ed Freudenthal came in on Tuesday's stage from the city and left at once for Ploche. It is said by parties who claim to know that PRACTICE OF ORE STEALING. it is Mr. Fredenthal's intention to put up a smelter on his new claims at Good Heavy Losses in Rich Mines-Salting

Springs this summer. We only hope the report is true. C. W. Watson has gone out to Bing ham, it is said to make another clean up at the West Mountain Placer. The company has been hoisting ore this week from No. 1 incline, which is yet some distance from bed rock. The clean up, therefore, may not show any surprising values.

into thousands per ton, large quanti-ties of the mineral were carried away, sometimes sold in lots of 25 to 50 and even 100 pounds but more frequently Butte Miner: The Chili Gold, Mining company has commenced suit against the Boston and Montana Consolidated as specimens to collectors of rare min-erals. There were specimens, and a good many of them, that ran by assay at the rate of \$10,000 up to \$50,000 a ton in gold. They found their way to east-ern and to European cabinets and are Copper and Silver Mining company to recover damages in the sum of \$2,072. 500, claimed to be due for the reason that the deefndant company by means of an injunction prevented it from operating the Johnstown claim under lease from the Montana Ore Purchasthere today. When the extremely rich strike of native gold ore was found in the Golden Age near Jamestown, it furnished some of the finest exhibits of that class ever seen in the world. The company for a period of 10 months

### PROMISING FORAGE CROP.

Smooth Brome Grass (Bromus Inermis), for Meadow and Pasture.

Its Great Value Under Arid Climatic Conditions Press Bulletin of the Utah Experment Station.

It is only within recent years, says Prof. Luther Foster of the Experiment Station, that this grass has been adopted for use in agriculture. It had been previously considered as a pest very difficult to eradicate, because of its creeping rootstalks. Experiments, extending over thirty years in Hungary demonstrated its power to withstand long periods of drouth to which most other grasses succumbed. This result was confirmed by my own investigations during the seasons of 1890 to 1893 in a test for the United States agricultural department at the South Dakota Experiment Station. More than twenty of the most promising varieties of grasses were included in this experiment, and the smooth brome grass excelled all others in ability to withstand drouth. It remained fresh and green in the fall for some time after all other kinds become brown and dry. When well established in the soil it

some of the Cripple Creek papers that a certain mine in that district, which hardy, has strong, creeping under-ground stems, and its leafy shoots grow upright to a height of three or four feet. It forms a very tough sod, and soon crowds out all other grasses, as well as clovers and weeds. The superpractices have rarely appeared in mod-srn transactions. They have been superseded by the more easily played and more successful "gold brick for hardiness of this grass is shown by its withstanding the extremes of the Dakota climate and also by its coming through the Canada winters without the protection of snow, and through the Kansas drouths uninjured. It seems little influenced by climatic changes. It starts early in the spring and under ordinary conditions continues pany yesterday received the two elec-tric motors ordered some time ago from green and succulent until late in the fall. Close grazing does not kill it. It is especially recommended for light, sandy soils and the dry farms of this 50 horse power. Both are three phase induction motors, having a speed of 720 revolutions a minute. The power supply will be ample for present and State. It is not as well suited to low, wet lands as some other grasses. While it may be considered essentially a pasfuture needs as the company does not use more than 25 horse power in the ordinary course of businesss. The mo. ture grass on account of its heavy growth and compact sod, yet it is largely used for meadows in the Dakotas, producing from one to four tons of hey per acre, which is said to fully

tors are being put in place today, and a force of men are busy stringing wires timothy in nutrients and palatability. to the mills. The largest motor will The seed is now pleutiful and may be obtained of most seedsmen. It is usualbe used in the new mill, which is constructed to handle sulphide ores. The ore output from the mines is a little ly sown in the spring, and the earlier this work is done the better will be the lighter this month, but it is thought the capacity of all the sampling mills opportunity for the seed to secure mois-ture enough for germination. Fall plowing put into good condition by disking, harrowing and leveling, is the best. If the planting is done with a will be taxed before many months drill there is more certainty of having the seed placed in moist ground and J. E. Bamberger has gone east on covered deep enough to insure germina-tion. But it does not feed well through The Centennial-Eureka of Tintic most seeders and may require constant attention to make the work successful Broadcast sowing is practicable where moisture is plentiful and the land is in good condition for covering with the harrow or disk. If seed is of good quality and sure to be well covered, 20 pounds year acres. The Carissa of Tintic was on the The Hercules of Stockton reported on the market today with two cars of ore. pounds per acre will be enough. Weeds may flourish among the grass the first year, but they are sure to be driven out as soon as it gets a fair start. An assessment of 2 cents a share has been levied by the Four Aces Company, Four cars of ore were on the market

All reports indicate that brome grass gives good results for both pasture and meadow, but it seems particularly well adapted for permanent pasture. It should not be sown for hay on lands suited to lucern. Like orchard grass it starts early in the spring and comes on quickly after being closely grazed. When used for meadew a very heavy second growth springs up after the hay crop is removed, furnishing choice fall

Several hundred pounds of this seed were distributed over the State two years ago by the Experiment Station. As far as heard from the results have been very satisfactory. It would seem advisable for farmers who have pieces of sterile or light sandy soil or other lands not under irrigation to give this grass a trial. If only a small patch is stockholders will reconvene tomorrow afternoon. It is expected that some objections will be urged against the all of the extension desired.

# 

TIME CARD IN EFFECT OCTOBER 15, 1892.

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7 50 a m No. 8-For Eureka, Payson, Heber, Provo and all intermediate points.

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