DESERET EVENING NEWS: SATURDAY, OCTOBER 22, 1904.



Review and Summary of an Important Bulletin, Issued From the Utah Agricultural Experiment Station, Written by Dr. John A. Widtsoe, Director.

of the Utah Agricultural College, just issuel deals with the vexed question of the "Relation of Smelter Smoke to Utah Agriculture," and is, the result of exhaustive work conducted during the growing senson of 1903 by Dr. John A. Widtsoe, director of the station.

The district affected by smelter smoke lies in and about the towns of Murray and Bingham Junction, some seven to nice miles south of Sait Lake City, In Murray is the so-caled Highland Roy Smelter, belonging to the Utah Consolidated Mining Co., a copper reduction plant, established some four years ago; about two miles south of the Highland Boy Smelter, near Bingham Junction, are two other copper smellers, the Bingham Consolidated and the United States Smelters, established respectively three and one years ago. The Jordan river flows past two sets

of smelters, which therefore command the wide river bottoms as well as the highlands or benches on the two sides of the river. The district is one of the oldest in the State, and is thickly covered with farms and farm-houses. The investigation here reported con-

fined liself to the area commanded by the two sets of smelters just montioned, and dealt especially with the lands ly ing between the smelters, and there fore more injured than any others. This was done because it was desired to learn the worst effects of the smeller

The farms most injured were studied. From June 6 to late October, 1903, frequent visits were made to the smel-ter district, and the conditions of the crops grown there were carefully noted. As the first visit was made on Jupe 6, there are no data at hand concerning the condition of the crops in early

It was strikingly noticeable that not all the farms within a given radius of the different smelters were equally in jured by the smelter smoke. Some farms, lying very near the smelters, were in excellent condition, while others, some distance away, showed unmistakable evidence of indury. This was due to the prevailing directions the winds. Farms lying in the paths of the winds suffered from the smoke, while adjoining farms, outside of the paths of the winds, showed little or no evidence of injury.

The farms which were in the paths of the prevailing winds, and which had been injured most, were studied with reference to the crop conditions upon them. The results of the following reconnaissance represent, therefore, the worst effects of the smeller smoke in

the vicinity of the smelters, Shade trees.-One of the first observations made was that in certain places there was an unusually large proportion of dead or sickly shade trees. Young trees seemed to have been killed more generally than older ones. The evidence of an unhealthy condition lay chiefly in the number of yellowed or spotted leaves, which, even in early spring, gave the impression of autumn. However, these conditions of dead or sickly trees occurred only in very limited areas and were not characteristic even of the district which lay immediately around the

Bulletin'ss of the Experiment Station y garden truck continued to look fairly well, with the exception of the potatoes the vines of which were in a bad condition from early July to the end of the season. On August 4, small hill of medium sized potatoes constituted the potato fileids. Of the ordinary gar-

the potato filelds. Of the ordinary gar-den vegetables it appeared that peas had the greatest and potatoes the least power of resistance. Filed Corn.-Corn did well on all the farms visited. It grew high, looked vigorous, and carried very few yellow spots on leaves or stalks. The grain was not always of the best quality, but that could hardly be ascribed to any faulty nutritive conditions surrounding the plants. On one farm a large field of corn adjoined a field of potatoes. The corn was nearest the smeller. The

The corn was nearest the smeller. The corn did well throuhout the season, while the potatoes turned yellow late in June, and remained sickly the whole Corn appeared to be one of the most resistant field crops.

Small Grains.—Of the small grains only oats and wheat were studied; and the results were somewhat contradictory. One wheat field was in fairly good condition when first visited in June, and continued so until harvesting. Occassional yellow leaves were observed throughout this field. On another wheat field the crop, from June until harvesting, appeared to be in spieroid condition. A field of young oats was visited

early in June. It was in a bad con-dition-almost every plant carried yel-low and withered leaves. As the season progressed it grew worse, and at harvesting looked as if it was not worth the trouble of cutting.

The observations with small grains imply that the conditions to which the crop is subjected during the early periods of its life, will determine, largely, its vigor during its later life.

Lucern.-Lucern is one of the staple crops of the distict near the smelters and a great number of fields were visited. In every case there was visited. In every case there was a fine stand of the first crop. In certain places a small proportion of leaves carried yellow spots. There was a large number of yellow leaves near the roots of the plants, but not more, apparently, than occur in a healthy field where the crop shades the ground completely. Occasionally, red leaves were found among the yellow, which indicated some disturbing factor during the control life of the night.

the early life of the, plant. After the cutting of the first crop number of dead roots were observed in some of the fields, though probably not more than may be observed in other fields throughout the State. This

condition was not at all prevalent. The second crop of lucern appeared normal in every respect. The yellow leaves near the roots did not seem to be more numerous than the average become fields of the future.

lucern fields of the State. It was practically impossible to keep a record of the irrigations of the lucern fields. Owing to the scarcity of water the third erop was not generally ir-rigated, hence it was not to be expected that the third crop would give a yield of any consequence. The lucern crop seemed to be equal

to the average crop of the State. Dr. Widstoe summarizes the conclusions of the investigations as follows:

What the Smelter Smoke Does Do .--When the wind causes the smoke to beat upon a field for a considerable length of time, it tends to injure the severely, and thus to diminish their vields. It tends to injure animals that are right in the line of the prevailing winds and therefore are compelled to breath the smelter smoke in the air. It may occasionally poison pools of standing water, when the washing of rains and melting snows cause a concentration of the flue dust in low lying What the Smelter Smoke Does Not

Take Your Choice Wash-day with steam, hard rubbing, backache. Or Fels-Naptha with cool water, little rubbing, no backache, washing done in half the time.

Fela-Naptha Philadelphia

20. The poorest lucern fields in the neighborhood of the smelters yield not less than two-thirds of a normal grop. 21. The condition of live stock was quite good. In a few cases there were evidences of injury from the smelter suioke.

smoke. 22. In general, the injury done to crops by the smelter smoke is far from a total loss of the crop, and only the farms lying in the paths of the prevail-ing winds are suffering seriously. 23. On the windward side of the smelters the air contains no foreign substances.

aubstances. 24. On the leeward side the air wat found to contain from 93 parts of sul-phur dioxide in 10,000 parts of air, to quantities too small for accurate determination,

25. Only traces of sulphuric acid were fund in the air. 25. The air passing over the smaller chimneys contains considerable quanti-

ties of fue dust, containing small amounts of copper and arsenic, 27. The sulphuric dioxide and sul-phuric acid from the amelter smoke have not injured the agricultureal value of the soils near the smallers. 28. The flue dust deposited by the smaller smoke does not affect the soils unfavorably. The flue dust in the soil is not

29. The flue dust in the sort is not sufficient to affect plant growth. 30. The accountation of flue dust upon the leaves and other parts of plants does not affect plant growth unfavorably

Very minute quantities of sulphuric dioxide will infure plants. 32. The greater part of the damage done by smeller smake is due to the

action of sulphuric dioxide. 33. Injury from this gas occurs most readily with young, juicy plants, or in wet weather, hence, the spring season, and times of irrigation are the most

dangerous periods. 34. Permanent injury seldom results from one application of sulphuric dioxide. The dust found in the lucern hay

 The dust found in the uncertainty is due, largely, to the crumbled leaves that have been killed by the smoke.
36. The amount of flue dust found in lucern hav is so small as to have little, if any, effect upon animals eating the

nay. 37. Cows fed for twelve weeks and for nine months on smelter hay were not at all injuriously affected. 38. The sulphuric dioxide of the ar hay.

For Courselt Lake.

LEGISLATIVE TICKET.

For State Senators, Sixth District-James C. Leary, of Sait Lake; George D. Pyper, of Sait Lake; Barnard J. Stewart, of Forest Dale.

CITY JUDICIAL TICKET.

A. S FOWLER, MORRIS SOMMER.

may injure animals. 39. Cattle on pasture take into their systems more flue dust than do barn.

ing annually 176,009,000 bushels of apples. In good crop years we export 3,000,000 bushels of apples and consume at home two bushels annually for every adult and child in the country. These are the figures given out from Washington. There are 16 apple growing states, which produce 147,189,424 bushels of ap-ples. All the other states together pro-duce only 25,107,802 bushels. It is stated that the Virginia apple crop has run as high as 10,000,000 bushels a year and the peach crop as high as 8,-000,000 Jushels in recent years, and that this year's crop will be greatly in excess of these figures. Albemarie county has



NOTICE.

PROBATE AND GUARDIANSHIP Consult County Clerk or the respective signers for further information.

NOTICE. Of Special Stockholders' Meeting of the Salt Lake Dramatic Association. Notice is hereby given that a special stockholders' meeting of the Salt Lake Dramatic Association is hereby called to be held at No. 57 East South Temple Street, Salt Lake City, Salt Lake County, Utah, on Thursday, October 27, A. D. 1964, at 9 o'clock a. m. for the purpose of amending the Articles of Incorporation as follows: By strating out Article Third, which reads as follows: "Third, This As-sociation shall continue in existence for and during a period of twenty-five years," and inserting in lieu thereof the follow-ing: "Third, This Association shall con-tinue in existence for and during a per-iod of seventy-five years." Dated at Salt Lake City, Utah, this 5th day of October, A. D. 1964. IEBER M. WELLS, Secretary. SUMMONS. NOTICE TO CREDITORS.-ESTAT of James M. Bateman, Deceased, Credi-tors will present claims with voltage to the undersigned at the office of Size art & Stowart, 200 McCornick Block Sol Lake City, Utab. of or before the Sol day of January, A. D. Declore the Sol MARIA L. BATEMAN. MARIA L. BATEMAN. Bateman, Deceased. Date of first publication, Sept. 24, AD 1904. 1004. IN THE DISTRICT COURT, PRO hate Division, in and for Sait Lake Coup of the second of Administration in the second second second of Administration in the second second second of Administration in the second of William Evans, decensed, has been set for hearing on Friday, the 4th day of November A D, 1904, at 19 o'clock a m, at the Count Court House, in the Court Room of second court House, the Court Room of second court House, the Court Room of second court House, the Court Room of the second court House, the Court Room of the second court House, the Court Room of the second court House, the second second court House, the second second second court House, the second second second second court House, the second second second second second court House, the second second second second second court House, the second second second second second second co

SUMMONS.

In the District Court of the Third Judicial District of the State of Utah. County of Salt Lake. Frederick A. Bart-lett, Plaintiff, vs Kathleen Bartlett, De-fendant. The State of Utah. to the Sald Defendant. You are hereby summoned to appear within twenty days after the ser-vice of this summons upon you. If served within the County in which this action is brought, otherwise, within thirty days af-ter service, and defend the above entitled action; and in case of your failure so to do, judgment will be rendered against you according to the Bemand of the com-plaint which, within ten days after ser-vice of this summons upon you, will be filed with the clerk of said Court. J. E.DARMER. Plaintiff's Attorney. P. O. address, Rooms is and is Commer-chal Block, Sait Lake City, Utah.

ASSESSMENT NO. 5.

ASSESSMENT NO. 5. The South Columbus Mining Com-pany, office and principal place of busi-ness, Sait Lake City. Utah. Notice is hereby given that at a meeting of the Board of Directors of the South Colum-bus Mining Company, held on the join day of August, 1994, an assessment of one cent per share was levied upon the capital stock of the corporation issued and outstanding, payable immediately to the Secretary at his office, rooms 38-59. Commercial Block, Sait Lake City, Utah. Any stock upon which this assessment may remain unpaid on the 33rd day of September, 1004, will be delinquent and will be adver ised for sale at public auc-tion, and unless payment is made before will be sold on Wednesday, the 12th day of October, 1904, at 9:30 of lock a. m., at the Secretary's office, to pay the delin-quent assessment thereon, together with the cost of advertising and expense of sale. By order of the Board of Directors, C. H. GIBBES, Escy. Pro-Tem.

SHERIFF'S SALE.

SHERIFF'S SALE. In the District Court in and for Salt Lake County, State of Utah. Waiter Bry-ant, Plaintiff, vs Sarah A. West, Defend-ant, to be sold at Sheriff's Sale at the west front door of the County Court House, in the City and County of Salt Lake, State of Utah, on the 24th day of October, A. D. 1994, at 12 o'clock noon of sald day, all the right, tille, claim and in-terest of Sarah A. West, defendant, or so much thereof, as may be necessary to ralse the amount found due, of, th and to the following described property: All that eertain piece or parcel of land, situate in Salt Lake City, County of Salt Lake, and State of Utah, and bounded and described as follows: All of lot ten (10), and the south om-haif, (S. 12) of lot mine (0), as platted in "Grand View" subdivision of block one hundred and fourteen (110, plat "D." Salt Lake City survey, together with all and singular the tenements, hereditaments and appurtenances there-unto belonging or in anywise appertain-ing.

ing.
Purchase price psyable in lawful money of the United States.
Dated at Salt Lake City, this ist day of October, A. D. 1994.
Sheriff of Salt Lake County, State of Utab.

SHERIFF'S SALE.

Utah, By Joseph C. Sharp, Deputy Sheriff, James Ingebretsen, Attorney for Plain-

IN THE DISTRICT COURT, PRO-bate Division, in and for Sait Lake Com-ty, State of Utah. In the matter of the estate of Mifflin L. Palmer, Deceased. Notice.—The putition of Alfonso M. Paim-er. administrator of the estate of Mif-flin L. Palmer, deceased, praying for the settlement of final account of said ad-ministrator and for the distribution of the residue of said estate to the persons

Would you mind dropping in some day and talking over the coal situation with us?

We could probably tell you something that

would do us both

good.

Inner. IN THE DISTRUCT COURT, PED-bate Division, in and for Sail Lake Cou-state of Utah in the matter of he-set at a substantial of Edward P. Ferry, an incompetent Notice.—The pel-tion for approval and settlement of Ba-semi-annual account of the Guardian of the person and the estate of Edward P. Ferry, an incompetent, has been set for hearing on Friday, the 18th day of No. yember, A. D. 1994 at 10 c'clock a mat-the County Court House, in the Cour-Balt Lake County I has Sait Lake County Utah. Witness the Cartk of said Court with the seal thereof affixed, this light day of Cober, A. D. 1994. Sait Lake County Utah. Witness the Cartk of said Court with the seal thereof affixed, this light day of (Seal) JOHN JAMES Cieft By David B. Davies, Deputy Cieft J, T. Richards, Attorney for Guardiana IN THE DISTRICT FORME

IN THE DISTRICT COURT. FRM.
IN THE DISTRICT COURT. FRM.
bate Division, in and for Suit Lake Court
by State of Utah. In the matter of the estate of Edward Foster, Deceased No.
bite of Letters of Administration in the state of Edward Foster, has been set for the insumice to Lorenzo Foster of Letters of Administration in the state of Edward Foster, has been set for hearing on Friday, the 28th day of October, A. D. 1990, at 10 o'clock a. m. at the County Court House, in the Court Near for set the Clerk of said Court, Said Court, Utah.
Witness the Clerk of said Court with the set thereof affixed, this lift day of October, A. D. 1990, JOHN JAMES, Clerk.
By David B. Davies, Deputy Clerk Gatrell & Johnson, Attorneys for Petetoner.

In THE DISTRICT COURT, FRA-bate Division, in and for Sait Lake Can-ty, State of Utah. In the matter of the estate of Robert J. Johnson, Deceased. Notice.—The petition for approval and administrator of the annual account of the administrator of the estate of Robert J. Johnson, deceased, has been set for hear-ing on Friday, the 4th day of November, A. D. 1904, at 10 o'clock a, m., at the County Court House, in the Court Roem of said Court, in Sait Lake City, Sait Lake County, Utah. Witness the Clerk of said Court with the seal thereof affixed this 20th day of October, A. D. 1904. (Seal) JOHN JAMES, Clerk Hy David B. Davies, Deputy Clerk Young & Moyle, Attorneys for Estate.

NOTICE TO CREDITORS.-ESTATE of Charles Morris, Decensed, Creditors will present claims with vouchers to the undersigned at s61 East Seventh South Street, Salt Lake City, Utah, on or be-fore the 3rd day of Fobruary, A. D. 1966, ROBERT H. MORRIS, Administrator of the Estate of Charles Morris, Decensed. Date of first publication Oct. 1, A. D. 1904. A. A. Duncan, Attorney, for Estate

A. A. Duncan, Attorney for Estate,

----SOME APPLE STATISTICS.

There are now in the United States, says the L'ational Fruitgrower, over 200,-00,000 fruit bearing apple trees, producing annually 176,000,000 bushels of apples.

of Forest Date. For Representatives-George H. Dern, of Salt Lake; John E. Clark, of Sugar; Joseph W. Stringfellow, of Salt Lake; Samuel E. Hamer, of Salt Lake; C. H. McCoy, of Salt Lake; Culbert L. Olsen, of Salt Lake; George C. Riser, Jr., of Salt Lake; Dr. C. I. Douglas, of Salt Lake; Mahonri Spencer, of Taylorsville; Tony Jacobson, of Alta.

fed animals. 40. When the snow melts, the flue dust may be concentrated in some pool and thus poison animals that may drink of the water.

2. Fruit trees .- The fruit trees in several orchards were found to be in an unhealthy condition even on June 6. The leaves of numerous trees were strongly spotted in yellow and red. The spots frequently occurred on the under side of the leaves and could be peeled off the leaf with a small pen-knife. Few of the fruit trees were dead, though many had dead branches, especially among last year's growth. The spots did not seem to increase in number or size through the season; and the trees in all the orchards visited looked as well if not better in July and August than they did in June. This again would indicate that the greater damage was done in early spring.

An attempt was made to determine the relative power of resistance of dif ferent trees, but with little success. I seemed that pears were most strongly affected and plums least. The other large fruits were between these extremes

Small Fruits .-- In June the gooseberry and raspberry bushes looked quite nor-mal, and free from spots. The straw-berry plants also looked-as if they were in good condition; on June 18 they carried numerous ripe berries, but there were black masses of dead plants around many of the hills. Likewise, much of last year's growth on the rasperry bushes was dead, dry and brittle The raspberries continued to look well until August 5, when the leaves ap-peared slightly spotted. The goose-berry bushes continued to look well nearly the whole season, and, appar-ently, they yielded a fair crop of fruit. As nearly as the eye could estimate, the gooseberry bushes were the only small fruit that yielded an approxi-

mately full crop. Vegetables .- Up to the 18th of June Vegetables,--(1) to the 1sth of Junc nearly all garden vegetables seemed quite normal. In one garden many turnip leaves and a few beet leaves were yellow, and the onions were slightly tipped with yellow. Peas, beans, cabhage, leituce and potatoes were in prime condition. On June 21, were the mechanism we among visited one of the gardens was again visited when the beet leaves, lettuce and othe vegetables had been badly burned. However, throughout the season, the

The Head of a Department of the **U. S. COVERNMENT** SAYS ORRINE CURES WHISKEY HABIT

COVERNMENT PRINTING OFFICE.

Washington, D. C., April 18, 1004. The Orrine Co., Inc., Washington, D. C. Gentlemeni-My attention was recently called to one of the employes of this office who had, through habits of in-toxicating drink, become so inefficient as to be on the verge of dismissal. In six weeks the appetitic entirely disappeared, and to "Orrine" belongs the credit for this evenlent result. If is a pleasure to this excellent result. It is a pleasure to me to acknowledge the value of a rem-edy which brings results so beneficial Yours very truly. F. W. FALMER, Public Printer.

TAKE ORRINE QUIETLY AT HOME!

To cure without patient's knowledge, buy Orrine No. 1; for voluntary treat-ment buy Orrine No. 2.

II per box. Cure effected or money re-funded. Book on "Drunkenness" (sealed) free on request Ordue malled (sealed) on receipt of \$1.00 by "THE ORRINE CO., INC., Washington D. C. Sold and recommended by Emith Drug Co., Salt Lake City, Utah.



Do-.1. It does not injure equally all land within any given radius. The injured fields are those in the paths of the prevailing winds.

2. It does not injure the fertility of the soils of the district. 3. It does not affect materially the feeding value of crops grown in the

district Some Practical Suggestions to Farmers.--1. Don't irrigate on days when wind blows the smelter smoke towards your farm. The injuries from the smoke are always greatest when the soil is

wet. Animals on pasture are likely to gather more flue dust than if they are barn fed. As far as possible therefore, grow hay on the affected pastures. 3. Trees are weakened so much by

being robbed of their leaves several times in one or several seasons, that death usually follows. It is not advis-able to plant orchardle or trees of any kind in the districts affected by the smelter smoke.

4. Annual crops are generally the

safest in smelter districts. 5. Lucern, which is a perennial, ap-pears to withstand the effect of the smelter smoke very well, and is a safe

crop for smelter districts. 6. Windbreaks of any kind, shelter-ing a farm from the direct action of the smoke, would do much to modify the injuries from smelter smoke. 7. Don't ascribe all your misfortunes to the smaller smoke. He reasonable in your claims, and then insist upon your rights.

CENERAL SUMMARY.

1. All the farms within a given radius of the smelters are not equally affected by smelter smoke.

2. The greatest injury occurs in the ine of the prevailing winds. 3. A large propertion of shade trees in certain districts, were badly injur-

4. The fruit trees in several orchards

were hadly injured. 5 The injury to the fruit trees ap-poared to be as great on June 6, as by time later in the season. 6. Pears seemed to be the least, and

plums the most resistant. The small fruits looked fairly well,

though the last year's growth was suverciy injured. 8. Gooseberries, aloue, among the

small fruits, appeared to give a full itizen snys:

vield. Several of the small fruits showed the flast effects of the smelter smoke

after August 5. 10. Garden vegetables showed few signs of injury up to June 18; after that time some appeared quite un-

Potaces seemed very sensitive to 11. Potnoes seemed very sensitive to the smelter smoke. 12. Of the ordinary garden vegeta-bles, peas appeared to have the great-est, and potatees the least power of

resistanc Field corn seemed to be very re-

sistant 14. Small grains do well, if not in-

jured when young. 15. The lucern fields, with very few exceptions, looked equal to the Utah

average. 16. The pastures lie in the river bottoms between the two sets of smelters, nd therefore receive much smoke, 17. The pastures did not look first

lass, yet were not bad. 18. The flower gardens were gener-

ally in a poor condition. 19. The actual yield of lucern hay from one of the worst fields in the smelter district was nearly 6,000 pounds

f these figures. Albemaric county ha roduced over 500,000 bushels of apples h single year, while several other coun have come up with enormous produc-

thes have come up with enormous produc-tions. New York, Pennsylvanla and Ohio out-rank Virginia in quantity, but not in the quality of apples. Illinois grows almost us many apples as Virginia. Ten years ago Ohio stood first among the apple producing states. Michigani sec-ond, and Kentucky third. In the last da-cade, however, there has been a heavy tree planting in Virginia. New York. Pennsylvania, Illinois. Missouri, Kansas and Okiahoma. The inteease in the sev-oral states and territories in 20 years was 0.640,000 trees. In the same 10 years the opple erop increased to 82 per cent of all orchard fruits.

rehard fruits. In the value of orchard products, Cal-ornia leads all other states. New York, Pennsylvanis, Ohio, Vir-nia, Illinois, Michigan, Indiana, Mis-uri and New Jersey raise 69 per cent of r peaches.

or peacees. California is first in plums, prunes, apri-ots, pears, grapes, oranges and lemons.

HOW BANANAS RIPEN.

HUW BANANAS HIPEN. There is an erroneous life concerning the harvesting of the banana croy, says the Mexican Hervid. The statement that four or five crops of bananas are harvest-ed a year is entirely incorrect. A crop is harvested on an average of every 15 days thoughout the year. Each thrifty plant has many suckers or stalks growing from a single root at the same time. One or more bunches of the ripening fruit is cut from a single stalk, while the other stalks growing from the same root are left un-touched, and in 15 days another of these is shorn of its truit. The process con-tinues the susantly during the year. In July and August it is necessary to cut off the ripening bunches every 10 days, while in December and January about once a month is sufficient, the average throughout the year being practically 15 days.

MUSIC TEACHERS.

days

All who desire to consult the list of the representative professers and music teachers of Salt Lake should read the "Musicians' Directory" in the Saturday "News."

SEARCHING FOR IT.

Some Salt Lake City Citizens Can You Where It's Found,

If you have any itchiness of the skin, Irritating Eczema, Itching Piles;-You're looking for relief, Searching for a cure. Salt Lake City people have found a

ure for itching skin diseases. They tell about it. Read what this

James L. Hutchinson, retired, of 357 cest Firth South, says: "I have had attacks of itching hemorrhoids, commonly known as niles, for seven years, In that time I can safely say I have used more than fifty different kinds of salves and olutiments and 1 can also say that any benefit received from them was very transitory. Like a great many other preparations which I no-ticed advertised I came across Doan's, and with every expectation that it would turn out as all others I had used I went to the F. J. Hill Drug Co,'s store for a box. Now it is over four months since I stopped using Doan's Ointment and there has not been a return of the old annoyance. If a recurrence takes place it requires very little stretch of the imagination to reason that who performed such an absolute cure when

it first came to my notice, can be de-pended upon to bring about the same results in the future. For sale by all dealers. Price M



[ADVERTISEMENT.] Utah County Democratic Ticket Representatives to the Legislature, L. O. TAFT, J. T. BATEMAN, LORENZO ARGYLE, A. T. MONEY. Commissioners. R. L. BIRD, (Four-Year Term), EDWARD SOUTHWICK, (Two-Year Term). Treasurer, HYRUM JENSEN. D. H. ROBISON. Assessor, H. F. THOMAS. W. L. WORSENCROFT. Sheriff, GEORGE A. STORES, Attorney, A. B. MORGAN, G. C. SWAN. JUDICIAL TICKET. FOURTH DISTRICT. SAMUEL A. KING. WILLIAM E. RYDALCH. UST as we eat to live, and do not live





BAMBERCER, 161 Meighn St., U. S. A. 有效的研究。因为1965 HALAMA 在1965 在1966 HALAMA HALAMA LABELS SEND FOR SAMPLE of the United States. Dated at Balt Lake City, this 1st day of October, A. D. 1994. C. FRANK EMERY. Sheriff of Salt Lake County, State of THE PERFECT EAR TAG. Made of ALUMINUM and ATTACHED IN-TALE SALT LAKE STAMP CO., NEW ----

"They will hold the shoe till you want to take it off."

The New Putnam Process of Holling Down on all Four Sides gives a True Point, Preserves strength of metal, and insures Per-

These Nails have stood the test of Fly Time and Sharpening, and that un-der the Hardest Conditions and are fully warranted. Greatest in Tensile

Beware of imitations and the efforts of competitors to paim off inferior nails by the use of the word PUTNAN.



50 Congress Street, Boston, Mass.

County of Sait Lake. State of Utan, on the 24th day of October, A. D. 1904, at 12 o'clock noon of said day, all the right, title, claim and interest of John W. West, and Sarah A. West, defendants, or so much thereof, as may be necessary to raise the amount found due, of, In and to the following described property: All that certain piece of parcel of land, sit-uate in Sait Lake City and County of Sait Lake, and State of Utah, bounded and described as follows: All of lot eight (5), and the north one-half (N. 3) of lot nine (9), as platted in "Grand View," sub-division of block one hundred and four-teen (14), plat "D," Sait Lake City sur-vey, together with all and singular the temements, hereditaments, and appurten ances therein belonging, or in anywise appertaining.

ippertaining. Purchase price payable in lawful money

By Joseph C. Sharp, Deputy Sheriff, James Ingebretsen, Attorney for Plain-iff.

A. D. 1965. ARNOLD G. GIAUQUE, ALRERT S. REISER. MARGARET V. REISER. Executors of the Last Will of Henry Reiser, Deceased. Cannon, Irvine & Snow Attorneys. Date of first publication, Sept. 24, 1994.

NOTICE TO CONTRACTORS.

By order of the Board of Public Works, E. A. WALL, Chaitman, George W. Snow, City Engineer.

Cannon, Irvine & Enow Altornoys. Date of first publication, Sept. 24, 194. IN THE DISTRICT COURT, PRO-bate Division, in and for Sait Lake Coun-ty, State of Utah. In the matter of the estate of Elijah F. Sheets, Deceased, No-tice.—The potition of Nephi M. Sheets, Edward L. Sheets and Edwin 8, Sheets, executors of the estate of Elikah F. Sheets, deceased, for confirmation of the sale of the following described real is-tate of said decedent, to-whit All of lef 20, in block 22, Five Acre Plat "A." Big Field Survey, Sait Lake County, State of Utah, for the sum of 57,000 And upon the following terms, to-wit: 41,500,00 cush, and balance secured by a promissory nets secured by a mortrage on said property, balance payable 5500,00 six months from date of note, and the remainder \$5,0000 on or before two years from said dia with Interest at the rate of seven per cent per annum, payable semi-annually, as appears from the return of said. Bio Ourt House, in the Court Room of said Court, in Sait Lake Cluy, Sait Lake Coun-ty, Utah. Witness the Clerk of said Court, with the seal thereof affixed this lith day of October, A. D. 1964 (Seal) JOHN JAMES Clerk By David B. Davies, Depuiy Clerk. By David B. Davies, Depuiy Clerk. Toung & Moyle, Attorneys for Estate The trade of B. Davies, Depuiy Clerk. By David B. Davies, Depuiy Clerk. Toung & Moyle, Attorneys for Estate Young & Moyle, Atterneys for Estate IN 'THE DISTRICT COURT, PRO-bate Division, in and for Sait Lake Com-ty, State of Utah. In the matter of the estate of John Squires, Deceased, No. tice, The petition for approval and st-tiement of the annual account of the trustees under the will of the estate of John Squires, deceased, has been set for hearing on Friday, the Stin day of Oct-ber, A. D. 1994, at 10 o'clock at m, at the County, Court House. In the Court Room of said County, In Sait Lake Cluy. Sait Lake County, Utah. Witness the Clerk of said Court with the seal thereof affixed this inth day of October, A. D. 1994 (Scal) JOHN JAMES, Clerk. By David B, Davles, Deputy Cleck. By David B, Davles, David S, Davles, David B, Davles, Davles, Davles, Davles, David B, Davles, Davles, Davles, Davles, Dav

NOTICE.

ASSESSMENT NOTICE.

South Jordan Canal Company. Office and principal place of business, Salt Lake City, Utah. Notice is hereby given that at a meeting of the Board of Directors of the South Jordan Canal Company, held on Saturday, Sept. 7. 1804, an assessment of two (2) dollars per share was levied on the capital stock of the corporation, payable immediately to Eugene M. Can-non, secretary of the company, at com-pany's office. 24 E. South Temple St. Salt Lake City, Utah. Any stock upon which this assessment may remain unpaid on the 15th day of November, 1994, will be delinquent and advertised for sale at public auction, and unless payment is made before, will be sold on the 15th day of December, 1994, to pay the delinquent assessment together with the cost of advertising and expense of sale.

By David E. Davies, Deputy Young & Moyle, Attorneys for Estate To THE DISTRICT COURT, PRO-bate Division, in and for Sait Lake Coun-ty, State of Utah. In the matter of the estate of Margaret Vandyburker, De-caused. Notice.—The petition of Israe Rennion, administrator of the estate of Margaret Vandybarker, deceased, for described personal property, towits Some cattle and household furniture mark of \$1.155.55, and upon the following terms of sile in the Clerk's office. For the same of \$1.155.55, and upon confirmation, as a pears from the return of sale field in this pears from the return of sale field in the pears from the clerk's office. For the same of o'clock a. m., al the County Count, in Salt Lake City, Salt Lake Count, Mitness the Clerk of said Court with the seal thereof affined this inth day of Ceber, A. D. 1999. (Seal) JOHN JAMES Clerk. By David B. Davies, Deputy Cl

of sale. EUGENE M. CANNON, Secretary. Office, 24 E. So. Temple St., Salt Lake City, Utah.

NOTICE OF ASSESSMENT NO. 20

The Revenue Mining Company. Loca-tion of principal place of business, Sait Lake City, Utah. Notice is hereby given that at a meeting of the directors held on the lifth day of October, 1904, an assess-ment of one cent per share was levied on the capital stock of the corporation, payable immediately to Herbert T. Hills. Secretary, at 38 Board of Trade building. Sait Lake City, Utah. Any stock upon which this assessment may remain un-paid on the 15th day of November, 1904, will be delinquent and advertised for sale at public auction, and unless payment is made before, will be sold on the 1st day of December, 1904, to pay the delin-quent assessment, logether with the cost of advertising and expense of con-ducting sale. The Revenue Mining Company, Loca-

⁵⁸ Board of Trade Building, Sait Lake
⁵⁸ Board of Trade Building, Sait Lake
⁵⁸ BinD YOUR MAGAZINES.
⁵⁹ Old books, Music and Magazines. Put
⁵⁰ Mining new covers for preservation. Many records of value can be saved by having them bound. The "News" bindery can do the work in any form at any price.

entitled, has been set for hearing on day, the 2sth day of October, A. D. at 10 o'clock a. m. at the County C. House, in the Court Room of said Co in Salt Lake City. Salt Lake Count, Utah. Witnes the Clerk of sald Court with the seal thereon atfixed this 11th day of Octs-ber, A. D. 1994. (Seal) JOHN JAMES, Clerk. By David B. Davies, Deputy Clerk. Richards & Varian, Attorneys for Sp-tate. Salt Lake City, Salt Lake County,

NOTICE TO CREDITORS ESTATE of Henry Relaer, Deceased. Creditors will present claims with vouchers to the m-dersigned at No. 12 East First South Street, Sait Lake City, Sait Lake County, Utah, on or before the 25th day of July A. D. 1965.