

ost popular lady at Saltair Wed. Aug. 31st. planting was begun on April 12 and on May 15 was completed. The beets came up in as fine a shape as could possibly be desired and were do-

DESERET EVENING NEWS: TUESDAY, AUGUST 30, 1904.

TEA Did you ever hear of a nerv-

ous Englishman? They drink more tea than

we do, six to one.

property, some years ago, but the cli-mate was not favorable to his health and he decided to return to the moun-The Proctor heademy opens on Sept.

Miss Ruby Wall, daughter of L. O. Wall, of Wallsvury, is at the Provo ceneral hospital, where she has had a piece of a broken needle removed from

A daughter has been born to the fol-lowing parties: Mr. and Mrs. J. E. Bott, Mr. and Mrs. Mosher T. Pack, Mr. and Mrs. John Cochran, and a son to Mr and Mrs. Don C. Snow. Hon. Abel John Evans of Lehl, was in Provo yesterday on legal bushness. Indee Savay was aver from founded

Judge Saxey was over from Spanish Fork yesterday, on business before the Pourth district court.

Mayor Clark, George Cunningham and many other American Fork

A sure sign of approaching revolt and serious trouble in your system is nervousness, sleeplessness, or stomach upsets. Electric Bitters will quickly dia member the troublesome causes. It never fails to tone the stomach, regu-

Round trip ticket to World's Fair to

development has mostly taken place development has mostly taken place closely watched the development of the sugar beet industry from its inception in Utah until this time, and I am free to orders that the results I find here are a revelation to me. I have not per-banc Falls plant, but am reliably in-toraned that practically the same con-ditions obtain there as here. With the wonderfully productive ma-with the wonderfully productive ma-sing the solid in this district; with the system: with the excellent climate and the unlimited water supply, and in view of experiences up to date with ordinary system with should not become one of the greatest sugar beet producing coun-ties in the United States. A. O. SMOOT.

A. O. SMOOT.

---WAS WASTING AWAY.

WAS WASTING AWAY. "I had been troubled with kidney dis-ease for the last five years." writes Rob-ert R. Watts, of Salem, Mo. "I lost flesh and never felt well and doctored with leading physicians and tried all remedies suggested without relief. Finally I tried Foley's Kidney Cure and less than two bottles completely cured me and I am now sound and well." During the summer kidney irregularities are often caused by excessive drinking or being overheated. Attend to the kidnays at once by using Foley's Kidney Cure, F. J. Hill Drug Co. steel cylinder, about 18 inches in dia-meter and 18 feet long, which carries in its forward end about 200 pounds of bigh explosive with a percussion fuse, while the central portion is a reservoir for air at a pressure of 1,500 pounda per square inch, and the rear end con-tains the compressed air motor, driving the propellers. A gyroscopic rudder keeps the torpedo on a straight course. The air supply lasts about a minute driving the torpedo half a mile, and as this speed is exceeded by some cruisers

WASTEFUL FARMING METHODS.

That the average farmer is wasteful and negligent in improving his opportunities must be conceded. His failure to exercise ordinary common sense and to observe the most simple business methods often renders his labors unre-

what resembling smokeless powder, he instantaneously generates steam for the torpedo engine, doubling the ordinary power, and ensuring a speed beyond the swiftest cruiser or torpedo boat munerative and his occupation unat-tractive. If calling attention to some of his palpable definquencies will tend to correct the evils and secure to him greater measure of success, this let

ter will have served its purpose. Many farmers throughout the state buy commercial fertilizers and pay herefor from \$25 to \$35 per ton, and at therefor from \$25 to \$35 per ton, and at the same time permit the natural fer-tillærs of their farms, in every way superior to the purchased article, to go to waste by draining into the near-by creek, or forming an unhealthy cess-pool under the buildings occupied by their stock, thereby converting one of the most valuable assets into a disease-producing a serve, when if preperty

producing agency, when if properlutilized it might be made the most effective to the state of th fective means of restoring the exhaust-ed soil and of furnishing to the crop of sea waves must ever prevent the utilization of wave power in the opin-ion of V. Martluet, a French engineer. the food necessary to its proper growth and development. Why then does the average farmer The elevation of floats is only moder-ate, and it takes a long time, so that

raste, or worse than waste, the natur I fertilizer of his farm and pay an exrbitant price for the manufactured of ommercial article, which is much less ikely to produce the results desired

A new branche of science, called "psychomechanics," has received es-pecial attention in France from Dr. Charles Fere. His results show that a man bas a greater capacity for aver-age than for either intense or feeble work, and that one's powers vary greatly with mental conditions. Con-trary to general belief, mental work does not rest one who is physically tired, or vice versa. Capacity for work increases to a certain degree with heat-ing of the head; light has a stimulating action and darkness depresses; even colors have some influence, while sounds have a complex and variable effect; viz, good crops? In order to raise a profitable crop it is essential that the land should be choroughly tilled. There must be a properly prepared seed-bed in order to y the hope of an abundant har-The grain sown on rocks or hard est. round and only imperfectly covered annot take root and grow. It is much nore economical and profitable to till well a small acreage than to only half cultivate a much larger area. Why do so many farmers plow so poorly, har-row so imperfectly and till so negli-gently in order that they may cover a have a complex and variable effect; and odor and taste seem to stimulate large acreage, when the same time and labor devoted to the proper cultivation of a less number of acres would yield a greater number of bushels? The failand odor and taste seem to stimulate and then depress to a greater degree. Digestion, aside from the taste-stimu-lation, diminishes muscular work. Most nerve-poisons—including optum, hash-eesh, valerian, alcohol, tobacco, coffee ure to give heed to this plain, simple proposition resuts in the waste of much time and energy, and in many instances

marks the difference between the suc-cessful and insuccessful farmer. One of the most attractive occupa-tions of the agriculturist is fruit-rais-ing. Upon almost every farm in the state are many valuable fruit trees ready to yield abundantly if only trimblackbirds were thrown up dead along several miles of the shore of Cardigan med, sprayed and properly cared for, How many farmers utterly neglect such trees and therefore, instead of receiv ing an actual cash revenue therefrom are even compelled at great expense to purchase the fruit required for their consumption



The ordinary Whitehead or automo-

this speed is exceeded by some cruiser and other vessels, there is risk that

vessel may overtake a torpedo fired while at full speed from its own prow. To guard against this danger is the

arpose of Hudson Maxim's late inven on. With the motorite, a fuel some

The process of homogenizing milk-

The cost of concentrating the force

the apparatus is very expensive for

quent tendency for cream to rise, gestibility is not affected, and

destroyer.

changed.

small power,

tains is attributed to long continuanc f the surface in a plastic state. At a London hospital needles have een removed from the body in several undred cases by simple manipulation ith the fingers. The needle is first

with the fingers. The needle is first ocated by means of X-rays, and the fesh over one end is then pressed and released repeatedly, the needle being thus caused to travel to the skin in the firection of its finer end. There is litde pain, and no suppuration.

Having shown that the human body normally contains a minute quantity of argenic, Pref. Armand Gautier has nvestigated the sources of poison. He inds but little argeniz in the meat finds but little arsenic in the meat of oxen and calves, but a larger quan-tity in fish, and a high proportion in mackerel and lobsters. But little is contained in vegetables, wheat, pota-toes, burgundy and other vines yield arsenic, and seasait has considerable of it. The assenic is eliminated from the human body by the excretions, and esmecially by the cutting of the balt. especially by the cutting of the halt heard and nails. The curious observa

bile torpedo consists of a cigar-shaped steel cylinder, about 18 inches in diation is made that a baid-headed man my store up more of the poison than a map from whose a head good crop of hair is regularly cut.

The new "Flora of Pennsylvania," upon which the late Dr. F. C. Porter labored nearly seventy years, enumer-ates 2,201 speicles of plants, represent-ing 555 genera, 156 familles and 43 or-ders, This does not include the ferns.

The stellar universe has a back-ground of pearly-white, which alwoys fills the field of a telescope with a faint luminosity, and astronomers are faint luminosity, and astronomers are guessing as to whether this shimmer-ing shroud is made up of quadrillons of suns, or whether the universe is immersed in nebulous imatter. The pearly vell is torn in places, at least 100 jet-black wells or dark spaces be-ing shown in the constellations Sas-itanias and Scornion by the 16-nonittarins and Scorpion by the 16-inch felescope of the Lowe Observatory. In one of these dark fields is Antares which is computed to be about on quadrillion miles from us and to hav

perfected by Gaulin of Paris-consists in forcing the milk, at about 185 de-grees F., from a closed drum in very fine jets against a porcelain plate. The fat globules are broken up into very \$8,000 times the mass of our sun, and it is suggested that space over a certain area may have been cleared of matter in the building up of this mighty star. Other stars are near black minute particles. There is no subse db and when combined with pasteurization, the treated milk keeps a long time unthe wells or supposed openings into outer space.

The grippe and excessive meat-eating

are the curses to which Lucnas Cham-pionniere attributes appendicitis. He has found that cases not preceded by has found that cases not preceded by an attack of grippe are very rare, and that they are practically unknown to, the vegetarian districts of France and other countries. The very few cases he has known among vegetar-ians have been insignificant, recovery taking ulare is a few days without taking place in a few days without operation

The case of a healthy man of 61 whos heart beats only 30 times a minute, the normal rate being from 70 to 89, has been recorded by Dr. Selffert of Berlin, In another case reported the beats numbered only 22, but the patient was suffering from heart dis

An entirely new mammal in the British Isles is the astonishing dis-covery of J. G. Millals. It is a volu-microtus orcadensis- and it is totally indicate for a state of the second part of the distinct from the common short-tall ed field-mouse and all other known forms.

Fight Will Be Bitter.

Fight Will Be Bitter. Those who will persist in closing their ears against the continual recommend-ation of Dr. King's New Discovery for Consumption, will have a long and bit-ter fight with their troubles, if not end-ed earlier by fatal termination. Read what T. R. Beall of Beall. Miss., has to say: "Last fall my wife had every symptom of consumption. She took Dr. King's New Discovery after everything else had failed. Improvement came at puzzling the naturalists of north Wales, At high tide on the morning of March 18, thousands of thrushes, starlings and

TEACHERS' EXAMINATION.

9

An examination for teachers of prim-An examination for teachers of prim-ary and grammar grades will be held in the Fremont Building on Thursday and Friday, Sept. 1 and 2, beginning at 9-a. m. of the first day. All teachers and candidates not hold-ing certificates valid and in force for 1964-55 are expected to take this exam-ionation.

andidates for high school certificates All please advise the undersigned not ater than Thursday, Sept. 1. Pens, ink and paper will be furnished. D. H. CHRISTENSEN, Chairman, Board of Examiners.

EXTENSIVE TRAVELERS

Always go one route, returning an-other. When you go east ask for tick-ets either going or returning via Colo-rado Midland. See all the Rockies without additional cost. Through standard and tourist sleepers.

WORLD'S FAIR EXCURSIONS.

Via Denver & Rio Grands. To St. Louis and return \$42.50. To Chicago and return \$47.50. To St. Louis and return via Chicago, r vice versa, \$50.00.

Selling datas Tuesday and Friday of each week. Stopovers allowed.

Final limit 60 days from date of sale, Pullman and tourist sleepers through to St. Louis without change,

Choice of routes. See any D. & R. G. Agent.

PROBATE AND GUARDIANSHIP

NOTICES.

Consult County Clerk or the respective signers for further information.

signers for further information. IN THE DISTRICT COURT, PRO-bate Division, in and for Salt Lake Coun-ty, State of Utah. In the matter of the estate of Joseph Bull, Deceased. Notice... The perition of Zina Hyde Bull, excentrix of the certate of Joseph Bull, deceased, praying for the settlement of final ac-count of sald executrix and for the dis-tribution of the residue of sald estate to the persons entitled, has been set for hearing on Friday, the 2nd day of Septem-ber A. D. 1994 at 10 o'clock a. m., at the Unopy Court House, in the Court Room of sald Ceurt, in Salt Lake City, Salt Lake County, Unit.

d said Court. In Sait Lake City, Sait Lake County, Utah. Witness the Cierk of said Court with the seal thereof affixed this 20th day of August, A. D. 1994. (Scal) JOHN JAMES, Clerk. By David E. Davies, Deputy Clerk.

NOTICE TO CREDITORS.-ESTATE of Caroline Y. Cannon, Deceased, Credi-tors will present claims with youchers to the undersigned at Room old Templeton Hulloing, Sait Lake City, Utah, on or be-fore the 3th day of June, A. D. 1805, CAROLINE Y. CANNON, ADAH C. CANNON, ADAH C. CANNON, Streamon, Deceased Date of Inst publication, Aug. 39, 1904, Cannon, Prvine & Snow, Attorneys for Estate. NOTICE TO CREDITORS .- ESTATE

IN THE DISTRICT COURT, PRO-bate Division, in and for Salt Lake Coun-ty, State of Utah. In the matter of the extent of Elizabeth Cheshire, Deceased. Notice.-The patition of John H. Harper, praying for the issuance to himself of Latters of Administration in the estate of Elizabeth thesnire, deceased, has been set for hearing on Friday, the ind day of September, A. D. 1985, at 19 o'clock a. m., at the County Court House, in the Court Hoom of said Court, in Salt Lake City, Sait Lake County, Utah. Witness the Cherk of said Court with the seal thereof affaxed, this 18th day of August A. D. 1993. Goal) JOHN JAMES, Clerk. By David B. Davies, for Petitioner.

EXCURSION RATES Via Oregon Short Line. St. Louis and return\$42.50

Run

P. & Wabash Hnes. Limit 60 days. Transit limit ten days in each direction. Tickets on sale Tuesdays and Fri-days each week. Stop overs allowed

SUGAR CITY, IDAHO.

Beet Fields.

Special Correspondence. Sugar City, Ida." Aug. 25 -- I have been making observations and studying

I was requested by many to inform them of conditions here, and since my arrival I have received numerous let-ters of inquiry, and I take this method of answering them all, believing that it will be of interest to many of your renders other than those who have

I arrived in SugarCity on the 11th day of July and began immediately to go over the beet fields and observe condi-tions. From what I have seen and

ment of the facts. There are under cultivation from four to five thousand acres of beets that will be furnished to the Fremont sugar factory here this year. The

THE SUGAR BEET INDUSTRY.

Most Favorable Showing Made in Idaho

the conditions of the sugar beet indus-try in and around this place for the last four weeks. Before leaving Utah I was requested by many to inform

learned I submit the following state-

St. Louis and return via Chicago., 48.75 Through Pullman sleeper via the U. & Wabash lines.

held at the High school building. The examination will last three days, to-morrow being the last day. Supt. W. R. Wilson, Prof. William Peterson, and Wheeler are conducting the aminations. There are 41 taking the examination and in order to receive a renewal certificate they must receive an average percentage of 80 or over. There are 11 studies on which they are being examined.

The Weber county school teaches'

CITY COUNCIL SESSION.

The Postal Telegraph-Cable company was not granted a franchise to do business in Ogden at last night's session of the city council. The franchise ordinance came up, was read the third time and several unimportant uning time and several unimportant amendments were added. Then the question of pay to the city by the com-pany came us and made the company came up and was discused a long time. Several of the councilmen were favor of charging a regular monthly rental, but Mr. Nye and one or two others favored letting the company inthe city on the same basis as the Vestern Union, which pays no rental the city. The franchise ordinance was finally referred back to the com-mitte on laws and another report, in which the committee will consider the stion of remuneration.

mayor was present and explained o the council that the Union Depot ompany had made complaint that the aterworks company refuses to estab-sh a hydrant for fire protection near deret company's property. The any asked that the waterworks any be compelled to put a hydrant locality. The mayor explained of the water sition of the water company, is that its contract does not reto establish a hydrant or to d its mains unless the revenue to rived will pay 4 or 5 per cent on outley. No action was taken on matter

esolution was passed providing sewer connections as well as stablishment of underground tele-e and telegraph conduits on Grant all avenues between Twenty-and Twenty-fifth streets, shall pleted before the paving of those cets is strated

mpleted before the paving of those streets is started. ere was but one bid on the paving t of Grant avenue, from P. J. Mo-who asks 60 cents per cubic yard excavating and \$2.50 per yard asphalt paving, including the nec-ry concrete base. The bid was re-eff to the city engineer, who will but payt week. next week.

gular payrolls were passed, and

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he regular payrolls were passed, and or routine work attended to. HAY FENCE OGDEN CANYON. the regular meeting of the board county commissioners a petition was elved signed by John S. Lewis ask-the board to fence Ogden canyon ag the river from the mouth of the lyon to the Hermitage and at various ces above the Hermitage where it is med necessary, for the protection of lives of the hundreds of people who ye up the canyon for pleasure. The up the canyon for pleasure. The We up the canyon for pleasure. The illion also sets forth that automo-lats drive at a rapid speed in the myon frightening horses and en-angering the fives of travelers and sks that the board regulate the rate (speed they may drive automobiles in eed they may drive automobiles in canyon. The petition will be given lue consideration and proper action taken. A number of minor routine maters were considered.

LEGGER-TINGEN NUPTIALS.

John Tingen, 34, and Miss Camelia J. Legger, 26, both of Ogden, were granted a license to wed yesterday, CRUSHED UNDER THE WHEELS. Heber Wright, former sheriff of We-ber county, met with injuries at 7 to Missouri, where Mr. Rozelle has

CITIZENS' COAL CO., All Kinds. 53 West Second South. Both Phones 49.

LEGAL BLANKS, a full supply, all the latest forms at the Deseret News Book store.

PROVO.

The Daily New: is delivered by carrier in Provo early every evening (Sundays excepted) on the so terms as in Sait Lake-75 cents per month. All complaints, requests for chances of address and pay-ments of accounts should be made to R. J. Dugdale, 372 west 6th North St. Provo. Advertisements and orders for church works also received. works also received.

FOR NON-PARTISAN SCHOOLS.

Convention Postponed-Divorces Granted -Republican Primaries Sept. 7.

Special Correspondence. Provo, Utah Couniy, Aug. 29.—County Superintendent J. L. Brown has sent the following letter to the several schooni boards in the county: "The committee appointed to arrange for the nonpartisan nomination of a county superintendent of school based

county superintendent of schools have made the following recommendation:

"In view of the attitude of the coun-ty chairman of the Republican party in refusing to support a nonpartisan nomination of a county superintendent of schools, and upon the suggestion or some of the leading trustees and teach-ers, that both parties should pass upon the question, it is recommended by the committee that the non-partisal convention be postponed until after the parties hold their county conventions, and that efforts be made to get a favorable action from both, "You will receive notice when they

"You will be held. Would suggest that you will be held. Would suggest that you write across the face of the notice you have posted, a note of postponement. "Respectfully, J. L. BROWN,

County Supt." FOURTH DISTRICT COURT.

In the case of Martha Adamson et al vs American Fork City, et al, which was before Judge Booth, yesterday, on an order to show cause, after hearing video the theory of the state of the st evidence the temporary restraining or der, enjoining the defendants to inter-fere with the use of the waters of the McArthur ditch by the plaintiffs, was continued in force till the final hearing of the case.

DIVORCES GRANTED.

A divorce has been granted Luella A. Wilson, of Provo, from James F. Wil-son, on the grounds of failure to pro-vide. The parties were married at Nelson, Nebraska, Oct. 29, 1883. Plain-tiff was awarded her former name, Luella A Tavier. Luella A. Taylor.

Hettie Crandall of Springville, was granted a divorce from Wells Crandall on the grounds of desertion.

REPUBLICAN PRIMARIES.

Republican primaries to elect dele-Republican primaries to elect dele-gates to the county convention to be held in Pleasant Grove, Sept. 10, will be held in this city on the evening of Sept. 7 at 8 o'clock, in the following places: First ward, Maeser school; Second ward, Court house; Third ward, Frank-lin school; Fourth ward, Parker school; Fifth ward, Parker school; Fifth ward, Parker school,

GARDEN CITY NOTES.

Mrs. Frank Rozelle has arrived from Missouri, with her family, to join Mr. Rozelle, who came some weeks ago. They will reside here permanently,

Raising good stock has always been a profitable business. An animal well-bred and well reared will bring a good price when ready for the market. Why then do so many farmers give no atten-tion to the selection of their stock, give no attention to the breeding or individ-ual qualities of the sire or dam, but are content, to knock the offspring in the head as soon as born, or, if reared, to sell the calves in the fall at from \$3 to \$8 per head, when if properly bred and reared three times that price could be obtained without incurring any sub-stantial addition to the cost? Again, why should a farmer be will-ing to keepf a cow year after year which is only capable of producing from 20 to 25 pounds of milk per day in the flush of feed, when with a little atten-tion given to the selection of the dams Raising good stock has always been ng well when, on June 11, a heavy rost caught them and in many places cut the tops to the ground leaving the fields looking like a black scourge had passed over the land. This frost affect I all other crops in a similar manner have talked with numerous people who have lived in the country for per-ods ranging from 17 to 21 years, and heir unanimous testimony is that no such a frost as that of June 11, ever visited this section before—that it is inprecedented in the history of the While this set back was discouraging

tion given to the selection of the dams and sire he might raise a cow that, without additional expense, would pro-

kept in a warm barn properly ventilat-ed, there is a large saving in the amount of food consumed; also that amount of food consumed, also that the animals will be more healthy and vigorous and their producing qualities largely enhanced. Why then should so many farmers keep their stock in cold stables into which the snow and wind penetrate, when by the expenditure of a few dollars the cold and storm could be consent to all should show and wind be, comparatively speaking, eliminated, and thereby the revenue derived from the animal very largely increased?

The average farm in this state is seriously menaced with noxious weeds -wild carrots, wild mustard, etc. If given careful attention when they first appear, their growth and spread may be easily checked, but if neglected the

whole farm is soon overrun and ren-dered almost worthless. Why is it then that so many farmers in the state are willing to sit supinely by and see the encroachment of these weeds without making any effort to restrain or stop their progress until they have gained such headway as to make their exter-

the farm practically worthless? I have thus sought to call attention to some of the things which I believe should receive the attention of the armers of the state, and which, as i farmers of the state, and which, as it seems to me, if not corrected will result to their damage, loss and discomfort. I am not a theorist. These thoughts are the result of actual experience and

In conclusion, I suggest that the farmer-

that the farmer-First, should save and utilize the na-tural fertilizer of the farm. Second, that whatever acreage is put into crops should be thoroughly pre-pared for the seed before sowing, and afterwards thoroughly tilled where the nature of the crop is such as to permit. Third, that every healthy fruit tree mean any furm should be properly upon any farm should be properly cared for, fully realizing that it will thus become a valuable asset to the

Fourth, that good stock can only be raised from good dams and good sires and by proper cars and feeding, and that in no other way can stock-raising be made profitable. Fifth, that stock, no matter how well

selected, bred or fed, cannot be raised at a profit unless the stables in which they are kept are reasonably warm and properly ventilated.

sixth, that the most important duty of the farmer is to see to it that his farm is kept free from noxious weeds; because a failure in that respect will make success impossible in any branch

of farming. I have made these suggestions to the and that the attention of have done excellent work. The greatest yield per acre this year will probably be from 25 to 30 tons, and a conservative estimate for the entire acreage in my best judgment, after careful examination and enquiry, will be at from 10 to 12 tons per acre, at least 10 per cent better than 1903. This

bay, and many others were noticed in a helpless and exhausted condition unknown action of electricity is included in the numerous explanations offered. Mr. C. W. Hrbert Greaves offered. finds that melting snows had produced a flood, and he suggests that the birds

and tea-produce a transitory stimula-tion, and this is followed by depression, which diminishes the total work.

A singular destruction of birds

were washed to sea at night on bushes, being then unable to reach shore.

Water is often thought to be almost absolutely incompressible, but Prof. Tait has now calculated that the ocean Prof would rise 116 feet higher than at pre ent if it were not compressed by its own weight. We are indebted to this compression, therefore, for 2,000,000 square miles of our dry land.

Investigating a reported discovery, Dr. Greeff, of Berlin, has proven that radium offers no hope whatever of aiding the blind to see.

To us the world's strangest arena of life is the deep sea, whose animals have well marked distinctions. Dr. Apitz-ach finds that five important conditions affect the life forms, viz: the great wa-ter pressure, the low temperature, the chemical condition of the water, the lack of vegetation, and the lack of sun-light. Because of the low temperature, Arctic animals appear in deep waters of the tropics. The deep water is deficient in oxygen, rich in carbonic acid, and lacks calsium—the last-named peculiarity giving soft shells to the crustacea and cartilaginous skeletons to the fish. The existence of plant-eating animals is made possible by the material falling from above. Lack of sunlight causes absence of eyes or very prominent eyes-the purpose of the lat-ter being to recognize the phosphores ce of some of the animals. Red and black gre the common colors of the animals.

The so-called canals of Mars are regarded as an illusion by many astrono-mers, but by others are supposed to epresent vegetation-possibly cultivat represent vegetation—possibly cullivat-ed by inhabitants. A new theory is of-fered by A. Baumann, an engineer of Zurich. He supposes that Mars has a solid, brittle crust overlying a more elastic nucleus, and that as the crust contracts, it cracks. Experiment has proven that points of greatest press-ues would show double cracks. The would show double cracks. The right-angled canals indicate a homo- i with th geneous crust, and the absence of moun-

else had failed. Improvement came at once and four bottles entirely cured her." Guaranteed by Z. C. M. I. Drug Store, Price 50c and \$1.00. Trial bottles free.

DELINQUENT NOTICE.

Burton Mining Company. Principal place of business, 22 East First South Street, Sait Lake City, Utah: Notice-There are delinquent upon the following described stock on account of assessment No. 2 of % (80.002) per share levied on the 5th day of July, 1994, the sev-eral amounts set opposite the names of the respective shareholders as follows: No. Cert. Shares.Amt

James Squires John Squires John Squires A. W. Raybould E. F. Squires W. M. Calder M. Hurd J. R. Squires James Squires 20.000 5,000 1,000 $\begin{array}{c} 1,000\\ 500\\ 650\\ 1,000\\ 920\\ 1,000\\ 2,000\\ 1,000\\ 200\\ 1,000\\ 1,000 \end{array}$ Millie Atkins ... M. Huchins rge Ball . 4. Mechan L. Burton R. Miller R. Miller E. Ellerbeck W. Smith M. Stenhouss Maycock F. Culmer History 5,000 5,000 1,000 500 1,000 1,000 1,000Higham ... Torner E. Williams E. William of A. Hill ... o. A. Hill ... J. Culmer W. Squires Boyd Ellerbeck mes Squires Greenwald Fitzgerald ter Jensen hn Squires Squires $\begin{array}{c} 2.0.13\\ 2.000\\ 2.000\\ 2.000\end{array}$

5.1234 2.566)). Squires ... And in accordance with law and an or-der of the Board of Directors made on the 5th day of July, 1864, so many shares of each parcel of such stock as may be nec-essary will be sold at public auction at the office of the company, 22 East First South Street, Salt Lake City, Utah, on September 12th, 1964, at 5 p.m., to pay the delinguent assessment thereon, together with the costs of advertising and expense of sale.

H. A. Smith, Attorneys for Petitioner.
It A. Smith, Attorneys for Petitioner.
In The Distribution of the particulation of the particulation

Petitioners.

IN THE DISTRICT COURT, PRO-bate Division in and for Sait Lake Coun-ty. State of Utah. In the matter of the estate of Michael Halloran, Deceased, No-tice-The petition of Danlei McCarthy, Jr., executor of the estate of Michael Halloran, deceased, praying for the set-tlement of final account of said execu-tor and for the distribution of the residue of said estate to the persons entitled, has been set for hearing on Friday, the 2nd day of September, A. D. 1964, at 10 o'clock a.m., at the County Curt House, in the Court Room of said-Court, in Sait Lake City, Sait Lake County, Outs, Market and the Clerk of sailt Court, with the seal there of affliced this 22nd day of August, A. D. 1964. "Seal) 5. JOHN JAMES, Clerk, By David B. Davies, Deputy Clerk, Young & Moyle, Attorneys for Pett-tionet.

tioner.

IN THE DISTRICT COURT, PRO-bate Division, in and for Sait Lake Coun-ty, State of Utah. In the matter of the estate of Fred Simon, Deceased, Notice, --The petition of the H. B. Clafin Com-pany, a corporation, praying for the Issu-ance to the Utah Savings & Trust Com-many, of Letters of Administration, with the Will annexed, in the estate of Fred Simon, deceased, has been set for hearing on Friday, the 2nd day of September, A. D. 199, al 40 o clock a. m., at the County Court House, in the Court Room of said Court, in Sait Lake City, Sait Lake Coun-ty, Utah. Witness, the Clerk of said Court with

, Utab. . Witness the Clerk of said Court with e seal thereof affixed, this 17th day of ugust, A. D. 1904. (Seal) JOHN JAMES, Clerk. By David B. Davies, Deputy Clerk. P. J. Daly and Dey & Stevens, Attor-vys for Petitloner.

NOTICE TO CREDITORS ESTATE ACTICLE TO CREDITORS. - RSPATES of A. W. Smith. Decensed. Creditors will present datms with vouchers to the un-dersigned at Room the McCornick Bldg., Sait Lake City, Utah. on or before the Shi day of December, A. D. 1904. HEBER A. SMITH. Executor of the Estate of A. W. Smith, Decensed. Date of Best publication Aug 2nd A

of first publication, Aug. 2nd. A.

H. A. Smith, Atterney for Estate,

The South Columbus Mining Com-sany office and principal place of busi-tess. Sait Lake City. Utah. Notice is hereby given that at a meeting of the Board of Directore of the South Colum-us Mining Company, held on the 19th fay of August, held, an assessment of one can per share was levied upon the apital stock of the corporation issued and outstanding, payable immediately to ha Segretary at his office, rooms Sed, commercial Block Suit Lake City. Utah, May stock upon which this assessment nay remain unpaid on the 23rd day of isptember, 1904, will be definquent and will he advertised for sale at public aug-ion, and unless payment is made before will be sold on Wednesday, the 12th day nless payment is made t on Wednesday, the H sold on Wednesday, the 12th day ber, 1904, at 320 o'clock a. m. at retary's office, to pay the della-ssessment thereon, together with t of advertising and expense of order of the Board of Directors, C. H. GIBBS, Secy. Pro-Tem.

ASSESSMENT NO. 5.



While this set back was discouraging at the time, it by no means disheart-ened the people here, who are made of the genuine pioneer stuff, and are therefore, unable to understand the meaning of the word "fail." With them it was not a question as to whether or not their crop was a failure, but what was the thing to dc, under the circumstances, to still realize a crop. They estimated that not less than 25 per cent to 30 per cent of the crop in the entire#district was a total loss. In this time has proven they duce at least double that amount? Everyone knows that if animals are

loss. In this time has proven they were wide of the mark in their estim-ate, as it is a certainty today that the loss by the frost will not exceed five per cent, taking the entire 5,000 acres into consideration. In some places the damage was greater, but in others much This is the experimental year here in raising beets upon an extended scale, and in the application of the subirriga-tion system. Manager Mark Austin, therefor, had about 300 acres of the

beets injured by the frost, plowed up and replanted between the dates of and 25. On Muy 1 the water was turned into

the main canals and the lateral ditches the main canals and the lateral ditches in all the fields, and within 60 days the subteranean water level was raised from eight to 10 feet, and when the frost came on June 11 the water had reached so par the surface of the ground that the beets injured by the frost were in a fine condition to recover that setback, it such a thing was possible. The crow

less.

if such a thing was possible. The crop revived far beyond anything the fac tory management and the farmers had dared to hope for. This also produced such a condition of the ground that the beets planted at the late dates given above, have made a marvelous growth and they will produce a very satisfac

About 75 per cent of the company and now in beets was in lucern last ear. The second growth of lucern year.

was plowed under last August and Sep tember, and the ground put in condi-tion for the beet this year. On thes ands the yield this season will run from 12 to 18 tons per acre. Next sea-son the full benefit of the lucern as a fertilizer will be realized, and the ton-nage from such lands, in an ordinary

season will without doubt be some-thing wonderful.

thing wonderful. By this year's experience with sub-irrigation the management of the fac-tory and the farmers have learned just where to run their interal and cross ditches upon their fields and how to regulate the water, to produce the best regulate the water, to produce the best

regulate the water, to produce the best results, which will save them much la-bor and expense for all time to come. The fields have been thoroughly cul-tivated and weeded, and with the sub-irrigation system, and no weeds per-mitted to go to seed this year, the ex-pense of growing subsequent crops should be greatly reduced. The thinning and hoeing have been done, and the topping will be done un-

done, and the topping will be done un-der the able management of Mr. K. Okamoto, assisted by his corps of industrious Japanese young men. They have done excellent work.