## DESERET EVENING NEWS SATURDAY JULY 18 1908

where its object is the propagation of

man may do while living that which

the law will not do for him after

death. In this case immorality is

The result of this ruling, if it is

permitted to stand, is this that any

donation by will to any public institu-

soundness of that ruling. Under it we

fail to see how any bequest to any

public institution can be considered

Good resolutions do not pave roads.

Talk at a dollar a word would hard

A man is never too old to learn but

atheism, infidelity or immorality.

charged.

valid.

ly be cheap.

he seldom does.

#### indications lead to the same conclu-DESERET EVENING NEWS ion. it is argued.

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#### MORE SCRIPTURE.

The New York World a few days ago contained an account of a recently found Hebrew manuscript. Dr. Moses Gaster, chief Rabbi of the Spanish and Portuguese Jews in England, is the discoverer of this manuscript which is said to be a Samaritan version of the Book of Joshua. Dr. Gaster believes the manuscript dates from the year 200 B. C. If this surmise is correct, it would be one of the most ancient Bib lical manuscripts in existence. The most famous, such as the Vatican and Sinui codices, are no older than the fourth century of our era.

The manuscript referred to is said to contain some important variations from the commonly known text. It places the date of the death of Moses at the year 2794 after the creation. This differs from the chronologies of Usher, and Hales, and also from the Hebrew chronology.

The account of the transgression of Achan is said to be somewhat different from that given in the commonly known Book of Joshua. According to the latter, Achan took as loot "a goodly Babylonish garment, and two hunfred shekels of silver, and a wedge of gold of fifty shekels weight." According to the Samaritan version now found, the loot was a golden idol. The Bible relates that Joshua discovered the guilty man by drawing lots among the tribes, and Judah was taken: by lots among the families of Judah, and the Zarhites were taken; by lots among the households and that of Zabdi was taken; by lots among the individuals of this family and Achan was taken.

How the "lot" was cast the Bible does not state, but the Samaritan version has it that the names of the tribes, families and so on, were pronounced one after the other and that when the right one was named the stones in the breastplate of the high, priest grew dim. This may shed new light upon the use anciently of the Urim and Thummim, a subject concerning which there is a difference of opinion among scholars, outside the Church of Jesus Christ of Latter-day Saints.

The Urim and Thummim undoubtedly were two stones, signifying "lights" and "perfections," or "revelation" and "truth." placed in the pocket formed by the folds of the breastplate which the presiding High Priest wore as part of his gorgeous uniform. They were not identical with the gems of the breastplate. That is clear from the Scriptural account. The use of these sacred stones is indicated. Through them revelations were obtained. 11. was a mark of divine displeasure when the Lord did not answer Saul, neithe by dreams, nor by Urim, nor by But how did the revelations prophets. come by Urini? The Samaritan version, it is claimed, states that the stones "grew dim," thereby indicating the answer to the question asked. The last time the Urim and Thummim are mentioned in Bible history is after the return from the captivity, when "The Tirshatha," or governor, decreed that certain persons whose genealogy could not be found, should wait for the privileges of the holy Priesthood, "till there stood up a priest with Urim and Thummim," by whom their claim might be decided. (Ezra 2)

The planet Mars, it is believed by ome authorities, is now in a state of torridness, Practically its only source es of water are the two polar caps of ice and snow, from which, it is thought, the Martians conduct the life-giving fluid by means of a system of canals, or artificial rivers, watering great part of the surface of that planet. The earth, too, some day, it is suggested, must look forward to a

time when the ingenuity of man will be taxed to the utmost to make life possible. It is pointed out that civilization can do but little in the battle against this

foe. But it can do something to delay the ultimate fate. "Reforestation." the French writer observes, 'especially on hills, is always a palliative whose efficiency admits of no doubt and which should not be neglected. The urgency of this proceed-

ing is shown by the rapidity of the

decrease of rainfall. Trees, as every one knows, do not grow in a day, A half-century is necessary to grow a forest, and if we do not wish to grow apidly drier and drier, quick reforestation is necessary. This is the practical conclusion from elimatological investigations under the auspices of various meteorological commissions, and such a result shows well, whatever we may say, their utility from an agricultural standpoint and their scientific value."

## PLAN FOR A MODEL SCHOOL.

C. H. Doerflinger, president of the National New Education League, with headquarters at Milwaukee, believes that "the psychological moment for an advance movement" in education has arrived.

He first shows how supremely the Lancaster system of education reigned in this country for nearly half a century, until Horace Mann returned from Europe and proclaimed the doctrines of rational pedagogy, for which his observation, principally in Germany, had inspired him.

Mr. Doerflinger complains that the light ignited by Horace Mann has even yet not dawned upon most of the school districts of our country; that respect for the law and the inalienable human rights, even for the simple precepts of the Golden Rule, is on the decrease In magnificent schools buildings in wealthy cities, he finds that the teachnot tell the truth first and ask for ing force trembles before the possibonds afterwards? bility of strikes or other outbreaks of a reign of terror led by a considerable

percentage of criminally disposed pupils, while inefficiently constituted school boards in many parts of the country still "proclaim the 3 R Trinity as the true an only god. Educational pathfinders endowed with a holy fire of enthusiasm for the uplifting of the race by means of humanitarian soul-development usually mee with indifference and want of insight on the part of school boards as well

as parents and public. He draws a clear picture of how a strong character has occasionally made efforts and even succeeded in raising the standars of the school work, and then how "ignorant, ambitious, mercenary or malicious demagogues rids into power" and turn the wheels of progress backward; or how, some times by means of partisan politics, sometimes by utilizing a class despotism which is gaining ground in formerly progressive communities masses of uninformed people blindly follow leaders or misleaders, and undo the work of talented educational lead-

State Normal School and Superintendent Carroll G. Pearse of Milwaukee. They have endorsed this project of national reform in all essentials, as have other experienced members of the profession including President A. S. Lindemann of the Milwaukee School Board, Mr. Henry S. Legler, for many years the secretary of the same board. and Prof. S. Y. Gillan, editor of the The doctrine of the court is that a "Western Teacher," an experienced court of equity will not enforce a trust

ducator. An experiment so important to the ulture of the next generation of our citizens ought to receive all the help ecessary to give it a fair and exhaustive opportunity to demonstrate the value of the new education.

### DISCREPANCIES.

On the fifth of July, last, the Herald contained a detailed statement of the financial status of the City at the end of the month of June. According to this statement: "On June 30 the deficit in the general funds of the city wa-\$467,060, as shown by the statements of the auditor and treasurer." Some time after the appearance of this statement, which was supposed to be authentic, a gentleman interested in the affairs of the City went to the Auditor's office to verify the figures published. To his surprise he was told that the deficit at the end of the month of June was much less than \$467,000. It was only \$396,756.77. The overdrafts

were as follows: Contingent fund .....\$ 78,078.42 Bond Int. and Sinking Fund. 80.626.66

Total .....\$411,076.57 The following sums were on hand: r Bonds, Int, and Sinking

2,095.97 Fund Total .....\$14,319.80 The actual deficit, then was, according to this official showing, \$396,756,77, and

not \$467,000, as officially given out for publication. Here is a discrepancy between official figures, amounting to \$70.243.23 How can the public know that any of these figures are correct? But any-

one who dares to doubt the ability of the present administration to spend public money to the best advantage is branded as an obstructionist. Why refuse to give the people a true financial statement, as required by law? Why

A LINCOLN MONUMENT.

The Lincoln Memorial commission, appointed by Congress, has before it a ecommendation that the memorial take the form of a road from Washington to the Gettysburg battlefield where Lincoln made his historical address. It is proposed that it be a model of road building, adorning along its length with minor memorials of Lincoln's career, and making it artistically expressive of what the martyred President did for

the Union. To some this suggestion may seem absurd, but it is only original. A model road with the history of Lincoln commemorated in suitable monuments along its entire course, would be worthy monument to that great American. Millions would go over that road to Gettysburg and mark the incidents in Lincoln's life, who would gaze but for a moment on a statue, or a dome, or arch. And that battlefield has a lesson for both Americans and strang ers. It is to be hoped that the thought nay be realized.

famous British love of a fair, field also appears that the testator's intention was not a proper one. While one ic a lifetime may donate his property as he pleases, may choose his God or gods according to the dictates of his and no favor in sports.

sods according to the olerates of the own conscience, may adopt any re-ligion which is agrecable to him, and may create his own form of worship, yet he may not contribute his estate to take effect after death for the nurture of objects outside the limits of social entity."

her son as she handed him his shield on his departure for war, "Return with it or upon it."

"Signal honors await the American rifle team upon its return from the Olympic games in London," says a Washington dispatch. Would not such honors be more appropriate for the signal corps?.

tion may be contested on the ground This story which, beats the usual that it teaches atheism, infidelity, or fish and snake stories all to pieces, immorality. That is a pretty broad comes from Pitisfield, Mass; Cows in field of contest. Athelsm, infidelity and the pastures of New Ashford, twelve immortality depend very much upor miles north of Pittsfield and the smallfrom what point of view one looks at est town in Masasachusetts, have been things. Catholics are known to have suckling deer so much that two farmbranded Protestants as atheists, and ers have written to Elmed P. Beach Protestants have sometimes characterchairman of the selectmen, asking for ized monasteries and nunneries as damages. nests of immorality. We doubt the

> The councilman of the Fourth precinct met with defeat in the council meeting on Thursday, when he endeavored to obtain a saloon license for an applicant on Richard street. Property owners on that street, not long ago, protested against the establishment of a liquor shop on that street. and the council refused the application. On Thursday evening a long list of names were again presented to the council, and among them was Jaensch. As the addresses were not read, the list was about to be passed as presented when inquiry developed that the Richard street saloon was again on the list presented. Councilman Holley openly charged that his colleague endeavored to railroad through the license without letting anybody know about it. "You knew that the council had turned this down once," declared Holley, "and you had no business to try to have h granted this time. At least you should have mentioned it." The councilman from the Fourth ward is among those who want a bond issue

A contributor to the Athiantic Monthly claims that the evils which come from smoke are all preventable. Smoke-consumers, he says, exist which have proved their worth. Due care in running fires will do much. No more fuel is required under carefui management to produce combustion which shall be practically smokeless. Those statements have been proved over and over again. It is a matter of community supervision, of laws rightly framed, and fearlessly administered. Fortunately inspection is by no means a difficult matter. One city, for example, handles that problem by means of a chart holding six pictures of a chimney above a factory, the first of which shows the chimney with no smoke, the second with a light smoke issuing, the other four showing greater and blacker volumes. The first conditions are passable. The

lat are dangerous. The inspector takes a photograph of any questionable chimney and compares it with the standard pictures. The comparison tells the story. The factory is pronounced "passed," or the owner is

warned to immediately conform to the

Briet Notes on Its Physical Fea-

tures, Resources, and Development.

building of dams and ditches, the duty, I or amount of work in watering field crops that should be done by water, investigation of reservoirs proje 

tion, regents of university, trustees at Agricultural college, of Industria tion, regents of university, trustees at Agricultural college, of Industrial school, of school for deal and dumb, pharmacy, medical examiners, densal examiners, Deserst Agricultural and Manufacturing society, Art institute, and labor. By writing to the seeps, tary of state, reports of several de-partments will be sent to those inter-ested. ested.

## JUST FOR FUN.

With the advent of railroads, children were freed from much service, mothers had jess of all kinds of "home indus-try," fathers devoted themselves more to one special line, and farming and manufacturing became occupations among many others. Statistics for 1905 tell the story: There were planted 192,-965 acres of wheat, of which 99,169 acres were irrigated, yielding an average of 28,2 bushels, and 93,799 acres not irri-rated vielding an average of 15.3 bush-28.2 bushels, and 93.799 acres not HTT-gated, yileding an average of 15.3 bush-els per acre; oats, 50.250 acres, av. 39.3 bu.; barley, 12,359 acres, av. 38.1 bu.; rye, 6.431 acres, av. 12.3 bu.; ocrn, 6.613 acres, av. 25.3 bu.; potatoes, 11,462 acres, av. 140.7 bu.; sugar beets, 23,654 acres, av. 140.7 bu.; sugar beet av. 140.7 but: sugar beets, 25,000 actes, av. 9,15 tons; sorghum, 314 acres, av. 2.59 tons; lucerne, 293,544 acres, av. 2.59 tons; tame hay, 24,906 acres, av. 2.02 tons; wild hay, 65,226 acres, av. 2.05 tons; to which may be added other crops amounting to 22,987 acres, the

gross product value of which is reported as \$1,215,816 STATISTICS OF INDUSTRY.

The following statistics of the vari-ous productive industries of the state briefly represent the present status of bus productive industries of the state oriefly represent the present status of the industrial interests apart from mining, which will be treated sep-arately. Services of the professional classes, personal service, and the opermining, arately. ations of finance and banking, of rail roading and transportation, ar included here on account of the are not culty of tabulation "The report of the state board of statistics for 1906 pre-

lects.

Motorby (sternty)-1 hear your's get-ting rake-offs from both the repair man and the ice dealer? New Chauffeur (in surprise)-But, sir, didn't you advertise for an experienced chauffeur, who thoroughly understood his business?-Puck. They were looking at the celebrated statue, the Venus of Mile.

where are the hands?" asked But

"But where are the names," asked Mrs. Pneuritch. "They wore laid off, madam," cx-plained the polite attendant, "in con-sequence of a disastious break in mar. ble stock."-Chicugo Tribune.

Another hero dat deserves a medal whether he gits it or not," said Unci Eben, "is de man dat goes right alon tendin, to business wifout no complain "bout de hot weather."—Washingto complaints Star

#### Not Friends.

We are going to entertain company tonight

"Some people you like, I presume." "Oh, mercy, no! We would lose ar social standing if we entertained our people we like."---Nashville American,

#### Presence of Mind.

Owner of the Coop-Who's in there? Quick Witted Rastus (softy) 'Tain't nobody in heah 'cappin' us chickens, -Life.

#### Grammatically Speaking.

He-Can you explain to me the dif-erence between "shall" and "will?"

| Sheep<br>2,375,116   | Lan<br>1,304.7  | nbs.<br>730  | Wool,<br>15,21                               | , 1bs. A<br>5,242   | Av. wt. fleece,<br>6.74 lbs  |
|--|---|--|--|---|--|
| Horses & Mules. 0<br>74,188  | Cows. C<br>72,012   | Cattle<br>155,60   | Yearlings<br>5 66.605                        | Pigs<br>204,512   | Shoats,  |
| 35,315 5,5   | 501   | 11.866   | Chlekens.<br>973,842                         | Stands of Ber<br>21,391   | es. Honey, 1b,<br>1,362,01   |
| C  | Capital in<br>Stores.   |  | olesale<br>dness.                            | Retail<br>Trade.  | Number<br>of Stores  |
| Gen. Mdse8,0   |   | 11,887   | 1.326  | 19,181,187  | of Stores<br>686   |
| Groc. & Meats 1,5  | 959,830   | 4,041  | .158   | 6,116,323   | 536  |
| Other Stores 15,1  | 110,023   | 17,518   |  | 30,612,220  | 1,104  |
| Wines, etc 1.3   | 382,632   | 1,473  | ,700   | 4,257,153   | 827  |
| Total  | 519,998   | 34,920   | ,785   | 60,166,883  | 2,643  |
| Anneries 8 8<br>Lay Products 52<br>Treameries 52<br>Your Mills 128<br>Teameries 8<br>Teameries 8<br>Teameries 8<br>CIVIL GOVE<br>The public school<br><i>i</i> the best in the U<br>roperty valued at 3<br>tate outside of cities<br>nd 4.395.096 in Salt<br>Troyo, Logan, and M<br>tate, 84, and in the<br>ent of the school p<br>chool. Of 95.769 ci<br>ge (6 to 18), 85.666<br>Utah is representes<br>wo senators and on<br>The state officers a<br>ecretary of state, a<br>totoracy general, st<br>ublic instruction, ci<br>tatistics, she and<br>nd dairy, coal mine<br>er, bank examiner, of<br>rome court, nine dis<br>n district attorney<br>tate boards; Land<br>oualization, pardons | 89.322 1.3<br>27.460 1.2<br>56.913 1.6<br>37.489 1<br>23.612 6<br>RNMENT.<br>J system<br>Jnion: the<br>\$2.476,036<br>s of the firs<br>t Lake.<br>Iurray, whi<br>control.<br>ic cities, 8<br>sopulation a<br>hildren of<br>6 read and<br>d in Congr<br>ne represen<br>the goo<br>unditor, tre-<br>uperintende<br>commission<br>game, and<br>inspector,<br>chemist; the<br>judges of t<br>strict judge<br>of commiss | school<br>in the<br>st class<br>Ogden,<br>leh are<br>In the<br>S1, per<br>attends<br>school<br>i write.<br>ress by<br>ntative.<br>vernor,<br>assurer,<br>assurer,<br>of<br>engin-<br>te su-<br>cs, sev-<br>llowing<br>slowers, | ry me?" s<br>"I will"?<br>She (c.<br>won't." | oked all right<br>s feet two and<br>Plain Dealer.<br>Ch climber hest<br>ily doing this,"<br>getting in on the<br>made any more<br>sway, and it's in<br>the world' son<br>ing himself by<br>, he sortly puss<br>climbed inside.<br>Probable Early<br>ouse Hunter | ly. "I shall" o<br>ould reply, "<br>and the Com<br>and the Com<br>l he look when<br>t. Uncle Jim<br>weighs 240"<br>itated.<br>" he muttered<br>he ground floe<br>ney for men is<br>up to me to ge<br>mehow."<br>y this reserve<br>ied up the win<br>Chicago Trib<br>Relief,<br>I'm afraid this<br>it is; but at<br>eiy to get deat |



THE RAILROAD ERA. With the advent of railroads, children

Nothing so chills campaign ardor as an appeal for funds. A man's name may be honored at bank when his check isn't. No safety razor is as good in practise as in the advertisements. Strange as it may seem bottlers do

not have a "corking good time."

It is not the call of the wild but of the harvest hand that is heard in Kansas.

A man who has wheels in his head must have one continual round of exwitement.

"Is oratory a drawback?" asks the Boston Globe. At times it seems more like a flare-back.

It is fortunate for the Castellane children that their livelihood does not depend upoon their father's efforts.

It promises to be a quiet campaign probably because the opening guns of the campaign are of the noiscless varletty.

The dog catcher of Montclair, N. J. has been bitten three thousand times by dogs. This beats making three bites of a cherry.

So many officials are required under the new arrangement for the forest service that the woods may be said to be full of them.

UTAH

The American athletes at the Olympic games have failed to notice the regulations under penalty of the law.

The next time we hear of the Urim and Thummim is when the Lord causes that instrument to be delivered to the Prophet Joseph, in order that he might be enabled to open up the new dispensation and proclaim the everlasting gospel to all the world.

#### PLANT TREES TO LIVE.

Scientists are discussing the question whether the earth is drying up, and the opinion of some is that, in course of time, our planet will be dry and parched and unfit for a human habitation

A Franch meteorologist has recently called attention to the gradual diminution of rainfall. At Nancy where observations have been made for a long period of years, the following results have been obtained:

| Years.    |     |    |    | Millimeter |    |    |    |    |    |    |   | Mern. |   |    |    |    |    |    |    |    |       |
|-----------|-----|----|----|------------|----|----|----|----|----|----|---|-------|---|----|----|----|----|----|----|----|-------|
| 1878-1882 | 14  | ï  | į, | ŝ,         | a, | í. | ÷, | ų, | à  | ×. | ÷ |       | ÷ | ×. | ł. | ¥. | 7  |    | ŝ, |    | 896.1 |
| 1883-1887 | 1   | ,  |    |            |    |    | ×  |    |    |    | 2 | į,    |   |    |    | Ŕ  |    | i, |    |    | 794.0 |
| 1888-1892 |     |    |    |            |    |    |    |    |    |    |   |       |   |    |    |    |    |    |    |    | 760.4 |
| 1893-1897 |     |    |    |            |    |    |    |    |    |    |   |       |   |    |    |    |    |    |    |    | 680.5 |
| 1898-1902 | . 1 | ŝ, | ŝ  | Ç,         | į. | k  | 4  | į, | i. | i. | h | ŝ     |   | à. | ÷  |    | ĩ  | ÷  |    | d. | 688.9 |
| 1903-1907 | Ŀ,  | à  | ļ, | 4          |    | ×  |    | i, |    | l  | 2 | 1     |   |    |    |    | į. |    |    | s. | 628.1 |

Here is a ducrease of 208 millimeters in thirty years. And it has been observed that if the decrease were to continue without interruption, on the same scale, France would in a hundred years become another Sahara,

But, it is not supposed that the decrease of the rainfall will continue on this scale uncensingly. In nature everything vibrates. The pendulum always swings. After the dry period there will come a rainy period. But It is contended that the process of drying up is, nevertheless, going on all the time, and has been going on ever since the glacial period. More rain falls during a rainy period than during the precoding dry period, but the following dry period is still drier than its predecessor, and thus the proeesy continues.

In corroboration of this view the desert patches on the globe are pointed to as indications of what is in store for the onlire surface. Lakes are drying up, as is proved by the existence of land where once was only a vast expanse of water. Rivers are decreasing in volume. The ocean, in many places, is roccding. All these Charles McKenney of the Milwaukes

The remedy proposed for this coud! tion is, in this reformer's words: "A1 improved education broader and better in quality and power, ethical and esthetic as well as intellectual and physical, for the whole people, not only for five per cent to ten per cent that are now enabled to go to the high schools, colleges and universities." He maintains that every healthy citizen should be raised upon a level of general culture so as to be able to observe, think, judge and act for himself and be in-

dependent of misleaders, To carry out the theory, a school to serve as an educational model is first

to be established somewhere in the United States where environments are satisfactory; and a faculty composed exclusively of able, practical teachers neither too old nor too young, of sufficient experience and devoted to "new aducation" ideals, is to be engaged and placed under the direction of a presient possessed of those qualities in a higher degree, a genial disposition and a strong character.

Ethical culture, "the evolution of good, beautiful souls and strong characters" is to be kept constantly in view: the school is to have twelve grades, and is to demonstrate how the new system will "absorb the present expensive and unsatisfactory high schools, and many special superintendencies, as soon as the normal schools receive better prepared students and learn to train them better, so that the total expenses will not be increased

materially by the reorganization." The reformer confidently claims that this proposed model school, well officered and equipped and kept absolute.

ly free from political and other detrinental non-pedagogical influences, enjoying heside the eight grades of the rational schools referred to above, two kindergarten grades as a better foundation and two additional advanced grades at the top, will achieve ful better results than were attained by its former simpler prototypes of interior uling equipment, and says that it will give its pupils at about sixteen years of

age an all-around culture of a scope approximately equal to that obtained in the present high schools at about eighteen years of age, but better in quality and powers.

The cost is estimated at \$350,000 for site and buildings and \$60,000 per year for manutenance. Private endowment is regarded as essential in order to secure "freedom from those detrimental and even viliating influences" of the

average board of trustees. Those at the back of the movement are State Superintendent C. P. Cary of Wisconsin President C. H. Van Hise or the State University and Prof. V. O'Shea, the Dean of Its department of Education. Prof

HEED THE PROTEST.

The protest of the Daughters of the Pioneers and Mutual Improvement as-

sociations of Logan against making a boxing exhibition a feature of the celethe soil, pration of Pioneer day in that city, this year, ought to be heeded by the committee responsible for the program. Fist fights cannot be regarded as a proper form of amusement in any truly civilized community, any more than bull fights. The law in nearly every state of the Union prohibits such shows, because they are considered brutaliz-

ing and degrading. Besides, the eternal fitness of things should not be overlooked. If there even is a day in the year upon which worldly strife should be forgotten, it is on that day, dedicated to the memory of the Pioneers. Those noble men and women who laid the foundations of this State, came to these valleys as the standard-bearers of peace, good will, and love to all mankind. They came these mountains, in order to build the temples of the Most High and to worship Him. Pioneer day in Utah stands for freedom of conscience, for the triumph of American principles of government over the barbarous bigotry that broke out in cruel oppression in Missouri and Illinois. It stands for all that is true and good in American civilization. Unless the celebration gives expression to this fact it has no meaning at all.

The protest of the ladies of Logar expresses the sentiment of the majority of the people of Utah on that question. It should not be ignored.

A STRANGE CASE.

Judge Smith of the Lancaster County Orphans' court, Lancaster, Pa., has just decided that an institution that teaches the doctrines of Swedenborg is not entitled to money loft to it by will. That is a singular

The case is as follows. One Fredcrick J. Kramph died fifty years ago In his will be gave the residue of his estate for the endowing of a university of the New Jerusalem to be founded for the education of ministers who are to teach the doctrines laid down in the writings of Swedenborg. The Academy of the New Church, with

university at Bryn Athyn. neat Philadelphia, proved its right to the bequest under the will. There were three claimants to the hequest, two rival factions in the Swe-

denborgian church, and the heirs of the estate. The court gwarded the entire estate to the heirs. dn so doing the court said in part:

While it appears that the Academy of the New Church is such a school as was intended by the testator to re-ceive the residue of his estate, yet it

EW of the early settlers "prospected" for mines or went to California with the trains of goldseekers. The counsel of the leading men was to remain in Utah and till

The establishment of Camp Floyd (Cedar Fort) and later of Fort Douglas by regiments of soldiery had two no-ticeable aspects: (1) The army contained some undesirable elements, and the people looked upon the soldiers with a good deal of apprehension; (2) the military post required food for men and animals, and created a market for home produets,

## THE GREAT CONTEST.

Sometimes the example of the goldseckers was contagious, and the people recalled the advice of Bridger, the trap-per, who had urged them not to settle per, who had urged them hot to setting in the desert, but to go on to the fertile valleys of the Slerras. The first attempts to subdue the wilderness were not exact-ly victories, and seemed to justify Daniel Webster's characterization of it vast worthless area, a region of sav-ages and wild beasts, of deserts, of whirlwinds of dust, of cactus and prairie dogs, of endless mountain ranges, empenetrable, and covered to their very base with eternal snow." The second summer a remarkable incident ocsummer a remarkable incident oc-curred. Countiess swarms of black crickets crawled from the mountains and were devouring everything, when enormous flocks of sea guils, brought on favoring winds from the Pacific, ap-peared and devoured the insects. Gold-reacter's trains attempts for acaded peared and devoured the insects. Gold-tesekers' trains, suppring for needed rest and repairs in the valley, exchang-ed clothing and grocerles for grain and vegetables. The skins of animals were utilized for clothing. Besides the sego, service-berries, pine nuts, wild rasp-berries, currants and thisties were used us food. The first spring 8,000 acres had been surveyed and each man allotted 10 acres. Actual famine was rare. The health of the adult population on scant rations was fairly good, but the deathrations was fairly good, but the death-rate among young children was high. Irrigation began to produce such crops that "the valley" became the chief re-cuperating point and food center from which, by ox and mule caravans, much of the entire intermountain region was finally settled.

#### A REMINDER.

Fifty years after Utah was settled, a ploneer procession, July 24, 1897, march-ed through Salt Lake City. Many of the very wagons in which the plains had been crossed were in line. Some of the ploneers again rode in them. A record was obtained, and is now kept in the governor's office. As each aged pioneer signed, he or she wrote some remark, A man wrote: "A very hard journey;" his wife. "I drove an oxemark, A man wrote: "A very b Journey:" his wife, "I drove an learn half the way." Another agec wrote: "I helped to raise the U ag on Encine (Ensign) peak;" a s n of 70, "My mother died in co an of 70, "My mother died in conse-quence of the hardships." A man: "I had my thigh badly broken." A wom-an of 65: "The first dress i had after coming here was made from flour sacks." A man: "I have been in all the indian wars . . . In Utan," another: "I drove two yoke of cattle and one yoke of cows across the plains," another, "I lived on sego filles and thistle roots for six months," an-other "lived on roots for a long time, had no show." had no shoes. Isolation from the world-markets, the

hard toil necessary to live, and the tack

of ready communication from one village community to another, made each locality self-supporting. The man had to be farmer, lumberman, carpenter, builder, and Indian fighter. Each wombuilder, and Indian fighter. Each wom-an had much to do in weaving wool, spinning, knitting, mending, drying fruits, and making clothes. Children had daily occupations. Had any in those days failed to work, some must have starved. No such need then, as now, for manual training in the schools. Ne-cessity, the mother of invention, drove the people to many odd expedients. Yellow rabbit brush blossoms furnished a dye for the woolen goods. Scraps of renow rabbit brush bioseoms furnished a dye for the woolen goods. Scraps of iron were very pecious, and every nail or horseshoe was saved. Even the tab-ernacle roof timbers were put together with wooden nails. The Ephedra leaves made "tea." Molasses was candy, su-gar, and all round food. Milk, wild

fruits, and vegetables made a good diet Special trades began early, because everything had to be "home made." The home was mainly a little factory. Broken dishes were always mended. Soon woolen mills, tanneries, flour mills, and saw mills flourished. Frugality, industry, and perseverance won the bat-tle. "The desert" began to yield to the persistent attack made upon it. Since each plant was individually cared for under desert irrigation, the yield became very large.

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#### IRRIGATION AND WATER POWER.

The making of water ditches was The making of water differes was everywhere a leading industry. At first there seemed to be little water because the streams in many valleys disappeared in sink or desert or sailho lake. But by making good channels the amount increased. When Davis county was settled, the score or ac of families that for ware comprised of families that for years comprise the entire population of each villa-were loath to welcome additions their numbers, owing to the size of the tiny stream that supplied easi settlement. Today a thriving popula sentement. Focary a thriving popula-tion in many prosperans towns, it which agriculture is still the prevail-ing pursuit, has water enough and to spare for new home-builders, Evap-oration is so great that the thirsty air literally drinks up the water o flowing streams. The lake surface loses by evaporation on each surface nowing streams. The take surfac-loses by evaporation on each summer day about 10,000,000,000 gallons of water—a depth of 60 inches per yea-from every foot of 2,124 square mile of the lake surface; and the same rat of evaporation continues for three months. Canals were made, stream bads decand, evenes devalued of beds cleaned, springs developed, waters held hack by dams in m tain hollows (reservoirs). Per s the weather records tend to as the weather records tend to the verdure of the orchards forms, replacing the desert sh cooled the atmosphere and incre-the rainfall. To make water dil canals, and reservoirs, all had to operate and every family "for hand." Land without water wa na solum. The community manhand." Land without water was on no value. The community appropri-ated the water and owned it, allotting to each farm its share. Dividing the water was a delicate matter, and the city or ward watermaster was an im-portant officer. As the population in-creased stricter economy was used in its annification; and where the second creased stricter economy was used in its application; and where the watco was entirely appropriated, a measure ment or survey of the daily and week by flow was made to determine the right of each farm to a certain por-tion. Today an account of the mea-surement of streams, the seepage and other preventable wasts of rivers, the

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