## DESERET EVENING NEWS: TUESDAY, JULY 26, 1904.



mother and a host of friends to mourn her demise.

Funeral services were conducted from the Latter-day Saints' meetinghouse this afternoon, and the sacred edifice was crowded to the doors by mourning relatives and friends to pay their last sad tribute to one who was endeared to them. Elder Christo Kyldahi and Rev. Bain spoke words of comfort to the bereaved ones. The church choir sang several appropriate selections. The casket was covered with flored place

Utah's Pioneer day was celebrated in

an elaborate manner at the twin camps of Mammoth and Robinson today. A

Working Night and Day.

PROVO.

PIONEER DAY OBSERVANCES.

New Bishoprie in Springville Second Ward-Weddings.

Special Correspondence,

casket was covered with floral pieces sent by loving friends. During the ser-vices at the church the husband and mother were so overcome that they fainted and were removed to their where they were given medical horne. SCHOOL TRUSTEES OF WEBER. attention. PIONEER DAY HONORED.

funeral of Little Magaret Pyper Junction City News Briefs

And Personals.

AND NARROW ESCAPE

Mr. Johnson Has Trying Time With

Frightened Horse-Thrown

Out and Injured.

of Mammoth and Robinson today. A salute was fired at sunrise, and "Old Glory" flung to the breeze. At 10 o'-clock a fine program was rendered at the L. D. S. metinghouse. Bishop J. M. Taylor of Silver City delivered the ora-tion. The children were given a dance at Hassell's hall. In the afternoon, at which time candy and lemonade was distributed with a free hand. In the af-ternoon sports for young and old were held for various prizes, which caused A young man named Johnson had a narrow escape from serious injury yesterday afternoon in a runaway held for various prizes, which caused all kinds of amusement for the spec-tators. The day's pleasure wound up with a grand ball at Hassell's hall, and fireworks from the dump of the Mam-moth mine.<sup>\*</sup> A large number of Eureka Twenty-fourth street. Johnson companion was out driving. The became frightened when coming the hill and dashed down the the hill and dashed down the His companion jumped out, es-ginjury, but Johnson held to the endeavoring to stop the animal. a intersection of Washington citizens took part in the festivitles. nue and Twenty-fourth street the se tried to turn north, but in so ag struck a telegraph pole, tearing The busiest and might shu buy. The busiest and mightiest little thing that ever was made is Dr. King's New Life Pills. These pills change weak-ness into strength, listlessness into enheel from the vehicle and throw. Johnson out on the pavement with siderable force, badly cutting his ergy, brain-fag into mental power. They're wonderful in building up the health. Only 25c a box. Sold by Z. C. M. I. Drug Store. siderable force, batty curting his of, which bled profusely, and bruis-him about the head. He was taken a Badcon's drug store, where Dr. wers dressed his wounds, which are nful but not serious. The horse se from the buggy and con his run for a considerable dis-

### EXCELLENT HORSE RACES.

The horse races at the Weber Coune horse races at the weber Coun-air grounds were perhaps the most uctive feature of Pioneer day cele-ion in Ogden yesterday. The races the best that have been seen in an this year. A large and en-lastic crowd gathered at the park liness the races. The 2:20 class witness the races. The 2:20 class t or pace race was the best and most g of the day. Dr. Conroy's Gar won three straight heats: 25, 2:28, and 2:23. Nigger Boy out second, and Nick H. third. were well matched, making last heat neck and neck of the

Provo, Utah Co., July 26.—Ploneer day was observed in Provo with ap-propriate exercises on the Second ward R, won three straight heats in trot or pace class, the best time ade in the second heat, 2:34%, half mile running race, John and Sleepy Tom were the Sleapy Tom winning Time meetinghouse grounds. The people assembled at 10 o'clock in a bowery erected for the occasion. Bishop L. L. epy Tom winning. Time,

Leyland fourth and Burris fifth. Time In the Utah county half-mile handicap. Archibald was first, with Graham a close second, and Thomas third, Time, 1:12%. In the one-mile Utah county cham-pionship race, Archibald won, Time

There were only three entries in the one-mile Provo business men's race. Bruce Reese, the barber, was the vic-tor Smith took the five-mile motor race from T. M. Samuelson, and Collett took the two-mile paced professional from W. E. Samuelson. The time of the for-mer was 10:10, and for the latter 4:30.

GARDEN CITY NOTES.

Mrs. Laura Holdaway of Sevier county, daughter of the late Edson Whipple, is visiting relatives and friends in Plovo, her birthplace, after many years' absence.

The following speakers addressed the ongregation at the Tabernacle Sun-ley: Elders A. L. Booth, J. M. Jensen and Brigham Johnson. At the Sunday school union meeting

Sunday, Supt. Eggertsen suggested to the superintendents that when a Sunday falls on or near a date, which is the anniversary of some important event in Church history, that attention be called to the event and the same discussed in an interesting manner be-fore the school.

fore the school. Mr. Mahler of Cleveland, Ohio, who is obtaining franchises for an inter-urban railroad from Payson to Logan, is very successful in Utah county. He obtained franchises from Lehi, Ameri-can Fork and Pleasant Grove in one day

James F. Dunn is home from a trip through southern Utah. Mr. Dunn retheir ports that farm and range conditions in the south are not as favorable as they might be on account of the drouth.

John C. Snow is suffering from a severe attack of Bright's disease. Hon. George Sutherland came down from Salt Lake yesterday. Heber Scowcroft was here from Og-

den yesterday on business connected with the branch house of John Scow connected

with the branch house of John Scow-croft & Sons in this city. A fire in some paper scraps back of the Skelton Publishing company's building was discovered by Night Watchman Wilkins, about 12 o'clock last night. The fire department was called out, and the blaze, which was quite large and near the back door, was put out before any damage was done. put out before any damage was done.

#### ..... Cured of Bright's Disease.

Mr. Robert O. Burke, Einora, N. Y., writes: "Before I started to use Foley's Kläney Cure I had to get up from twelve to twenty timés a night, and I was all bloated up with dropsy and my eyesight was so impaired I could scarcely see one of my family across the room. I had given up hope of Blving, when a friend recom-mended Foley's kläney Cure. One 50-cent bottle worked wonders and before I had taken the third bottle the dropsy had gene, as well as all other symptoms of gone, as well as all other symptoms o Bright's disease." F J. Hill Drug Co.

# SUGAR CITY, IDAHO. UTAH PIONEERS HONORED.

The Daily News is delivered by carrier in Provo early every evening (Sundays excepted) on the same terms as in Salt Lake-75 cents per month. All complaints, requests for changes of address and pay-ments of accounts should be made to R. J. Dugdale. 372 west 4th North St., Provo. Advertisements and orders for church works also received. Nephi L. Morris Delivers Oration-Other Features of Fine Program.

Special Correspondence. Sugar City, Idaho, July 24 .- The ar-Sugar City, Idaho, July 24.—The ar-rival of the ploneers into the Great Salt Lake valley was celebrated in grand style in Sugar City yesterday. The day was all that could be asked for and the throng that came here from all parts of Fremont county enjoyed the day im-mensely. Although the exercises were not to commence until 1 o'clock the crowd began to arrive as early as 11 o'clock and by the time set for the exercises to begin the large amusement hall was packed. Promptly at 1 o'clock

hall was packed. Promptly at 1 o'clock the exercises began by the Salem choir singing "O ye mountains high," folsinging "O ye mountains high," fol-lowed by prayer by the chaplain, then a beautiful selection was rendered by the Sugar City Silver band, address of welcome by Bishop Hegsted, duet by Ethel and Alta Owens. Then came

Wonderful Things of Scientific World. 

The new are lamp of Andre Blondel, | country seems quite as well adapted to the French engineer, claims three sub-

the action will continue until exhaus tion of the radium-in this case com

puted to be 30,000 years in the future.

claimed for photolinol, the new photo-graphic material. This is linen which

sal education.

Have You a

stantial improvements, viz: One of the carbons contains certain salts that increase the luminosity; the positive carbon in the direct current lamps is placed at the bottom, and a reflector encircles the upper carbon. The effiunaffected by cold. clency" is much increased by these fea-

tures. The light can be varied considerably and made much whiter than the ordinary are, and the light is very brilliant and economical, comparison with a different type of arc lamp having shown six times the candle power from the expenditure of a third as much current. The improved arc seems to mark an advance of much importance.

The deterioration of British wheat calls for scientific remedy. The area cultivated in the British Isles is stated by Mr. A. D. Hall to have fallen from 3,500,000 acres in 1876 to 1,500,000 in 1903, and foreign wheats now command higher prices and make larger loaves, the home wheat having become ma-terially poorer than it was 20 years ago. Mr. Hall calls for efforts at im-provement. He sees no hope except in the cross-fertilization of good British and American and colonial wheat, and the selection of a grain containing strength, cropping powers and good straw. Another writer suggests that practical results are more likely to follow deep cultivation.

A remarkable paca-like rodent de-scribed by Prof. C. Peters in 1870, un-der the name of Dinomys branicki, has been known by a single specimen found near a house in Linna, and this lone ani-mal has represented not only a species but a genus and even a family by it-self. Other specimens are now reported to he living in a Para museum.

The influence of the depth of the set on the speed of ships has been tested by the German navy in the Baltic, tor-pedoboats being used for the experide Labonnefon and others prove that this method of coloring silk is quite pospeedoboats being used for the experi-ments, and the results are curious and interesting. At 12 knots, no linfluence was shown. At 15 to 21 knots shallow water acted as a serious check; but while in four fathoms of water the horsepower needed to maintain 20 knots was double that required for the same mend to 10 furtherm on work the worst sible, perhaps even commercially prac-ticable, though not with all colors or with all kinds of worms. England seeks to increase the ability for use the left hand, but without alming to add to production in the arts of the simultaneous use of both hands. speed in 10 fathoms or more, the wors results at 22 to 26 knots were obtained in 12 to 12 fathoms, and the shoals of

four fathoms gave the least resistance. A remarkable property of aluminum and tin alloys has been described by Hector Pechaux to the Paris academy. When freshly-filed surfaces of four dif-ferent nixtures of these two metals were plunged into cold distilled water. bubbles of oxygen and hydrogen were given off for two or three minutes, but neither of the metals nor an unfiled surface of the alloys gave any such effect. It is supposed that tempering in casting separated the two metals into juxtaposed molecules, which formed a thermo-electric couple and generated an electric current until cooled to the temperature of the water.

During an early morning thunder-Early Fee, in Essex, England, with a blinding flash and a terrific explosion. After dawn, three distinct sets of holes, ranging from 9 inches down to 1 inch, were found in the stiff yellow clay of an oatfield, these holes being perfect-ly circular, as clean cut as though bored with an auger, and tay downward to the rounded bottoms and tapering

A convenient pyrometer is said to be a series of alloys of sliver, lead and copper. A composition of 9 parts of



tindale. English physicist, practically gives perpetual motion through the disgives perpetual motion through the dis-sipation of negatively-charged rays. A small quantity of radium supported in an exhausted glass vessel by a quartz rod is placed in a small tube, to the lower end of which is attached an elec-troscope of two long strips of silver. The activity of the radium causes an electric current minus beta rays to be transmitted to the silver strips, which expand until they touch the sides of the vessel, when earthed conducting whrea instantly discharge them and they fall together. This is repeated every two minutes, marking time in beats of that duration, and theoretically the action will continue until exhaussides. The picture appears as if woven into the material, the double image giv-ing a stereoscopic effect of relief. By reflected light the more clearly defined portion on the face of the fabric forms the picture; but by transmitted light the fainter image on the back is brought out and reinforces that on the fac When colored, the effect is that of solid oil painting by reflected light and of a colored transparency by transmitted light.

The great eddies, or cyclones, of the atmosphere rotate with the hands of a clock in the southern hemisphere, and in the opposite direction in the northern hemisphere. Investigating many small rapids of central Europe, Jean Brunhes has found a similar tendency in the water endles. Files and other obstruc-tions usually form eddles in pairs, that, to the left turning with the hands of the clock and that to the right in the opposite way, but natural and normal eddles seem to follow the rule of re-volving counter-clockwise. It is as-sumed that south of the equator the turning is clockwise. in the opposite direction in the northern nemisphere. Investigating many small A new theory is that the age of fishes A new theory is that the age of hands of the cod family can be determined from the periodic growths of scales. Such growths are known to be annual in the carp, and it is therefore probable that the same is true for salt-water fishes. The view is confirmed by oburning is clockwise

names. The view is confirmed by ob-servations on various code by Mr. J. S. Thomson, a British biologist. Annual rings seem to be traceable, giving the ages, and it is proposed to test the truth of the theory by returning labelled fishes to the sea for future observation after first recording the present condi-tion of their scales. The mental ability of the turtle has been put to test by Prof. R. M. Gerkes, a German zoologist. A box was divided Experiments in coloring slik by feed-ing dyes to the slikworms date back 60 years or more. In the first trials green-ish-blue and rose-tinted coccors result-ed from feeding indigo and madder, a German zoologist. A box was divided into four compartments by partitions with openings that caused the animal to describe a W in journeying from one side of the box to its bed on the opposite side. After three trials—the first lasting 35 minutes—the turtle found the pest by the most direct course in about and many other coloring matters have been tried since-mostly with unsatis-factory results. Late attempts by C. three minutes.

Doctors said He would not Live. Doctors said He would not Live. Peter Fry, Woodruff, Pa., writes: "After doctoring for two years with the best physicians in Waynesburg, and still get-ting worse, the doctors advised me if 1 had any business to attend to 1 had better attend to it at once, as I could not pos-sibly live another month as there was no cure for me. Foley's Kidney Cure was recommended to me by a friend, and I im-mediately sent my son to the store for it and after taking three bottles I began to get better and continued to improve until I was entirely well." F. J. Hill Drug Co. The Ambidextral Culture society of Considerable artistic advantages are

is the greatest mediator has been saturated with sensitizing so. lution, and on development it yields a photographic image that shows on both

Autobiography of Capt. James S. Brown, 520 pages, bound in cloth. Price, \$2.00: for sale at Deseret News Book Store, Salt Lake City, Utah. PROBATE AND GUARDIANSHIP NOTICES.

Consult County Clerk or the respective signers for further information.

Witners for further information.
IN THE DISTRICT COURT, PRO-bate Division, in and for Sait Lake Coun-ty. State of Utah. In the matter of the estate of Philip Puzsley, Deceased. No-tlice.—The petition of Joseph E. F. Pugs-ley, Ezra Thompson and Joseph S. Bar-low, executors, of the estate of Philip Puzsley, deceased, praying for the settle-ment of final account of said executors and for the distribution of the residue of said estate to the persons entitled, has been set for hearing on Friday, the 29th, day of July, A. D. 1964, at 10 o'clock a, m. at the County Court House, in the Court Room of said Court, in Sait Lake City, Sait Lake County, Utah. Witness the Clerk of said Court with the seal thereof affixed this 12th day of July, A. D. 1965. "Seal) JOHN JAMES, Clerk. By David E. Davies, Deputy Clerk. Wilson & Smith, Attorneys for Estate, IN THE THIRD JUDICIAL DISTRICT

IN THE THIRD JUDICIAL DISTRICT IN THE THIRD JUDICIAL DISTRICT Court, in and for Sait Lake County, State-of Utah. Department No. 1. In the mat-ter of the estate of Elijah F. Sheets, De-ceased. Notice. —The petition of Nephi M. Sheets, Edward Leaver Sheets and Edison Spencer Sheets, praying for the admis-sion to Frobate of a certain document, purporting to be the last Will and Testa-ment of Elijah F. Sheets, doceased, and for the granting of Letters Testamentary to themselves, has been set for hearing on Friday, the 20th day of July, A. D. 1994, at 10 ociock a. m. at the County Court House, in the Court Room of said Court, in Sait Lake City, Sait Lake Coun-ty, Utah.

ty, Utah. Witness the Clerk of said Court with the seal thereof affixed this 14th day of July, A. D. 1904. (Seal) JOHN JAMES. Clerk. By J. U. Eldredge, Deputy Clerk. Young & Moyle, Attorneys for Peti-there

tioners

tioners. IN THE DISTRICT COURT, PRO-bate Division, in and for Salt Lake Coun-ty, State of Utah. In the matter of the entate of John Waterfail, Deceased. No-tice.-The petition of Mary Frances Wa-terfail, administratrix of the estate of John Waterfail, deceased, praying for the southement of final account of said admin-istratrix and for the distribution of the residue of said estate to the persons eff-titled, has been set for hearing on Friday. the 28th day of July A. D. 1904, at 10 oleocek a. m., at the County Court House, in the Court Room of said Court, in Salt Lake City, Sait Lake County, Utah. Witness the Clerk of said Court with the seal thereof atflaxed this 18th day of July, A. D. 1904. (Scal) David B. Davies, Deputy Clerk.

(1) A. D. 1904. (Scal) JOHN JAMES, Clerk. By David B. Davies, Deputy Clerk. Cannon, Irvine & Snow, Attorneys

Cannon, Irvine & Snow, Attorneys IN THE DISTRICT COURT, PRO-bate Division, in and for Sait Lake Coun-ty. State of Utah. In the matter of the estate of Susannah Waterfall, Deceased. Notice — The petition of William Water-fall, administrator of the estate of Susan-nah Waterfall, deceased, praying for the settlement of final account of sail admin-istrator and for the distribution of the residue of said estate to the persons en-litied, has been set for hearing on Fri-day, the 29th day of July, A. D. 1994, at 10 o'clock a. m. at the County Court. House, in the Court Room of said Court, In Sait Lake City Sait Lake County, Utah, Witness the Cierk of said Court with the seal thereof affixed this 18th day of July, A. D. 1994. (Seal) \_ JOHN JAMES, Clerk. (Seal) JOHN JAMES. Clerk. By David B. Davies, Deputy Clerk. Cannon, Irvine & Snow, Attroneys for Estate.

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YELLOWSTONE PARK

#### Excursion. Aug. 4th.

Lake City, Utah. LIFE OF A PIONEER.

Round trip from Salt Lake only \$49.56. This covers all necessary rail and stage transportation; and hotel expenses be-yond Monida for the seven days' tour. The party will be limited to 50 persons. See Short Line Agents for further par-ticulars, and ask for illustrated folder of the Park.

TEACHERS. Dr. Talmage's new book, "The Great Sait Lake (Present and Past)," should be in the hands of every educator. The amount of information it contains re-lating to the great sailne sea, makes it an invaluable work for reference or study. Descret News Book Store, Sait Lake City. Utab.

Little Waif came out first and Pert cond in the %-mile race; time, e saddle horse race was won by

ver Mage; time, 27 EBER COUNTY SCHOOL TRUS-

complete list of Weber county ol trustees elected at the recent ion for a term of three years with exception of C. Gardner of Liberty, a follow: as follows: M. L. Harbison, Bench ek; William Gould, Eden; L. S. Har-Harrisville; Christian Mortensen, tsville; C. A. Hinkley and C. Gard-Liberty; M. S. Marriott, Marriott; E. Brown, North Ogden; Herbert es, Pleasant View; William Wheel-Perry; David R. Randall, Randall; Foy, Slaterville: Timothy Ken-Jintah; district No. 1, William zeh of Kanesville; district No. 2,

eph M. Folkman of Warren, BRIEFS AND PERSONALS.

osh Grant, Sr., and wife of Salt Lake are visiting in Ogden for a few the guests of A. T. Wright and Miss Ethel McEwan of Salt Lake is

ng a few days in this city with

Short but impressive funeral services the remains of Margaret M. Pyper, little daughter of Mr. and Mrs. D. Pyper, were held at the grave erealing at 7 o'clock. Bishop E. T. Bley officience olley officiating. Some sweet music furnished by a quartet. Many furnished by a quartet. Many utiful floral tributes were laid on

Miss Zina R. and Josie Larkin have one to Lehi to visit for a few weeks ith relatives and friends.

A. G. Feil has returned from Califor-la, where he has been for the past two months at the bed side of his daughter Gilberta, who has been critic-ally ill but is now slowly recovering. The Third ward outing at the Her-mitage in Ogden canyon vesterday was ge in Ogden canyon yesterday was a enjoyable and successful affair. Mrs. H. L. Bell has returned from a sit with friends in Montana. Frank Clark has returned to Ogden

Find the summer, He has been in e cattle bughess at Alberta, Canada, d speaks well of the country. The Z. C. M. I. baseball team beat the Orioles. Well of the country. Drioles yesterday in a score of 15

making savings deposits.



SAD DEATH OF YOUNG WIFE.

Ploneer Day Duly Celebrated at Mammoth With Usual Festivities. Special Correspondence.



Nelson presided at the meeting, and Elder Abraham Halladay officiated as Judge Booth delivered the chaplain. oration, in which he gave an inter esting account of the arrival and the hardships of the pioneers, and pointed out the splendid results of their labors. Recitations were given by Miss Vesta Eggertsen, Miss Lizzie Thatcher and

Mrs. Pearl Yates, and a song by little Miss Orlean Hyde, and a number of appropriate toasts and sentiments were read by I. M. Jensen. Appropriate eal selections were rendered by the ward choir.

The afternoon was devoted to races and other sports, greatly enjoyed by the children and young people.

A number of people attended the Sons and Daughters of Pioneers' celebration in American Fork, others spent the day in the canyons and at the Lake resort, and a large crowd attended the bicycle races in the afetrnoon.

BISHOP J. F. BRINGHURST.

Apostle Smoet, President David John and Counselor Keeler attended the Sunday evening meeting of the Spring-ville Second ward, where a new Bishop-ric was installed, Bishop George Ed-ward Anderson having resigned. The new Bishopric, which was unanimously sustained by the people, are J. F. Bringsustained by the people, are J. F. Bring-hurst, Bishop, and Nephi Packard, Jr., and Wm. H. Harmer, counselors. Bish-op Bringhurst is a son of the late Wil-liam Bringhurst, for many years Bishop of Spelandlike of Springville.

WEDDING BELLS

The following couples were married here Saturday by Judge Booth: John H. Green, 23, and Lillie B. Ivle, 21, both of Eureka. Georgo Wheeler, 24, of Silver City, and Ida E. Quinn, 26, of Salem. Aurelius Neilson, 22, of Mount Pleas-ant, and Hettie M. Quinn, 22, of Eph-raim.

Mr. Neilson and Miss Hettle Quinn did not intend to commit matrimony just yet, when they decided to come

with Mr. Wheeler and Miss Ida Quint but under the example of the latter couple the temptation became too strong to be resisted and the double

wedding followed. Burt Jackman, 30, of Eureka, and Stella Inglefield, 18, of Provo, were married here yesterday by Elder H. S. Pyne

BIKE RACES. Provo turned out almost enmass yes-

refore to witness the bicycle races fur-nished by a husky bunch of Salt Lake riders. Among them being W. E. Sam-uelson and George Collett. The track was in excellent shape, and a majority of the events were very interesting. A motor race between T. M. Samuelson and Smith of Salt Lake was easily and Smith of Salt Lake was easily won by the latter, and in a two-mile paced professional between W. E. Sam-uelson and Geo. Collett, in which the latter was paced by Smith and the for-mer by T. M. Samuelson, Collett won easily. These two races were a disap-pointment, Samuelson's motor was too clow. The one professional She fried Five Dectors. Mrs. Frances L. Sales, of Missouri Val-ley, Ia., writes: "I have been afflicted with kidney trouble five years; had savere pains in my back and a frequent desire to urinate. When riding I experienced much pain over the region of the kidneys. I tried five physicians without benefit and then concluded to try Foley's Kidney Cure. After taking three \$1.00 bottles I was completely cured." F. J. Hill Drug Co.

Eureka, Juab Co., July 25.-Mrs. T. S. Johnson, daughter of Mrs. Frank Cook, ded at the home of her mother at this

the able oration by President Nephi L. Morris of Salt Lake City, followed by Prof. O. A. Kirkham who sang, "Standard of Zion;" reminiscences of the pioneer journey were very ably told by J. H. Pugmire; quartet, David Edwards and company; story of pioneers, Judge Donaldson; selection, Rexburg Mili-tary band; closing remarks, President Thomas E. Bassett; anthem, Teton City After the exercises the crowd, which

was estimated to number 5,000 people, repaired to the ball grounds where they witnessed one of the best games that was ever played in this section of the country, between Rexburg and Sugar country, City, which was very exciting and well contested, the score stood 5 to 1 in favor of Sugar City, After the ball game the crowd, witnessed the foot races, horse races, bicycle races and all kinds of small sports until dusk. The day closed ith a grand ball in the amusement

hall Nothing happened during the entire day to mar the pleasure of those pres-ent, there being no drunkenness and every thing was gulet and orderly Sweet strains of music were heard al day long rendered by the Rexburg Mili-tary band and the Sugar City Silver band, both of which deserve much credit

a series of alloss of silver, lead and copper. A composition of 9 parts of lead and 1 of silver melts at 400 degrees C.; 8 of lead and 1 of silver, at 500 de-grees; 6 of lead and 4 of silver, at 600 degrees; and 8 of silver and 2 of cop-per, at 850 degrees.

The artificial ruby seems destined to become a commercial success if the ar-tificial diamond does not. By the process of M. Verneuil, the French chemist, the ruby is produced by melting a mixture of alumina and oxide of chrome at a constant temperature of several thousand degrees, and in layers superposed from the outside to the inthe crystalline mass. The side, in in the crystalline mass. The extreme temperature necessary is ob-tained from a vertical oxyhydrogen blowpipe, with a downward directed flame, and the hardness of the stone is secured by an energetic tempering through suddenly suspending the action of the blowpipe. The product has ad-mirable fluorescence, on account of its error purity. It has all the hydroid mirable nuorescence, on account of its great purity. It has all the physical properties of the natural ruby, and can be cut and given a very beautiful pol-ish. One artificial ruby already made is valued at \$600.

Zinc is the most effective coating for protecting iron and steel, and this is usually applied by dipping the shaped metal in molten zinc, but electro-zincing or cold galvanizing is used for spe-cial classes of work. A new process is known as "sherardizing." It consists in freeing the iron from scale and oxide by any method, and then placing it in a closed iron receptacle, charged with zine dust, and heating to 500 or 600 de grees F. for a few hours. The heat i 200 degrees below the meiling point o zine. The iron becomes coated with a fine hemogeneous covering of zinc, and the low temperature necessary makes the process cheap, while the iron is deteriorated less than by hot dipping.

The small irregular displacement of the earth's poles has been attributed by Prof. John Milne is earthquakes, and now it seems that measurements by the Meteriorological institute Home give striking confirmation of the theory. The great earthquakes register movements such as the sinking of a sea bed or rising of a continent-that must change the distribution of the earth's mass and the position of its axis.

In his studies of the effect of com-pression on finely-divided metals, Prof. Hof of Witten, Westphalia, has taken turnings of steel, copper and bronzes, and placed half a pound of each in turn and placed half a pound of each in turn in a steel cylinder of two inches bore, gradually increasing the pressure to 50 tons. With a pressure of 10 tons the structure of the turnings could still be seen. The final pressure of 50 tons, however, gave a perfectly homogeneous block, and this could be moulded so nicely as to be ready for nickeling without further finishing. Not least important of the results is the sugges-tion that turnings may be compressed tion that turnings may be compressed into many objects more dense and sat-isfactory than ordinary castings.

Leprosy has been investigated by Jonathan Hutchinson, the great Eng-lish pathologist, in all parts of the globe where it prevails. He finds noth-ing to justify the idea of contagion, as attendants in leper hospitals do not contract the disease, nothing like an epidemic is ever known, and even trans-

remarked J. W. Beath, a bloodstone have any idea of what a bloodstone is, though the red-spotted green helio-trope commonly goes by thay name. Here are two pieces of real bloodstone, the bloodstone of the ancients. As you see, they are black. By rubbing one on the other, I draw what looks to be blood. Touching it to my hand it leaves a bloodstain. No, there is no trick about it. These blis of black stone are simply hematite, and hematite is the io.000 seems to know this."—Philadel-phia Record.

By special arrangement with the publishers, G. & C. Merriam Co., The Deserct News can make you a special low price for

**Good Dictionary** 

# Webster's Unabridged Dictionary [1903 Edition]

Just think what a small proportion of the families of

the United States have a good DICTIONARY, and yet

this is the home of the public school, the land of univer-

. The Best of its kind-

- BECAUSE it is used as the standard by the United States Supreme Court and by nearly all of the Federal and State Courts.
- BECAUSE it is the standard in the United States Government Printing Office at Washington, and in the executive departments generally.
- BECAUSE the schoolbooks of the country are based upon it,---25,000,000 issued annually---so that the children are educated in accordance with its principles.
- BECAUSE in every instance where State purchases have been made for the supply of public schools, Webster has been selected.
- BECAUSE it is heartily recommended by nearly all the Presidents' of Universities, Colleges, and Seminaries, and by every State Superintendent of Schools now in office.
- BECAUSE it is warmly indorsed and commended by men and women of recognized authority in literature, education, and science, all over the world.
- BECAUSE of its adoption by the English Government as the standard in the Postal Telegraph Department,-the only department having an absolute standard.
- BECAUSE its sale in Canada and other English Colonies is largely in excess of the sale of all other dictionaries of similar scope,
- BECAUSE it is used as the standard by a vast majority of the newspapers. Thousands of statements to this effect are on file with the publishers.
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Bound in Full Sheep, double thumb index, former price \$10.00, for . . . . . .

### ASSESSMENT NO. 4.

ASSESSMENT NO. 4. The South Columbus Mining Com-pany, office and principal place of busi-ness, Salt 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 6th day of July, 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 58-59, Commercial Block. Sait Lake City, Utah. Any stock upon which this assessment may remain unpaid on the filth day of August, 1994, will be delinquent and will be advertised for saie at public auc-tion, and unles payment is made befores will be sold on Wednesday, the 31st day of August. 1904, at 9:30 o'clock a.m. at the Secreary'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. GIBBS, Secy. Pro-Tem.

NOTICE OF PRIVATE SALE.

Estate of George W. Thatcher, De-ceased. The undersigned will sell at pri-vate sale: Commencing at a point nine and 8-100 (9.03) rods north of a point twenty-nine and 53-100 (22.63) rods east from the northwest corner of blockninety-two (52). In plat "A." Sait Lake City survey, and running thence south twenty-rise degrees forty minutes (29'40) west from the northwest corner of block ninety-two (32). In plat "A." Salt Lake City nine degrees forty minutes (29'40') west one hundred forty-five and 72-100 G45.72) feet; thence west one hundred skity-five feet; thence north twenty-nine degrees forty minutes (29'40') east one hundred forty-five and 72-100 G45.72) feet; thence one hundred and skity-five 165) feet, to the place of beginning; being in and a part of the southwest quarter (3) of section thirty-one. (3), township one (1) north, range one (1) east, Salt Lake meridian, in Salt Lake County, State of Utah. On or after the 27th day of July, A. D. nineteen hundred and four, at ten o'clock a. m. of sald day, and written bids will be received at the Thather Music Store, No. 13 South Main Street, Logan City, Utah, Terms of sale: Cash on confirma-tion of sale by the District Court of the First Judicial District of the State of Utah, in and for the County of Cache. Dated July 13th, A. D. nineteen hundred and four, GEORGE W. THATCHER,

and four.

d four, GEORGE W. THATCHER, BRIGHAM GUY THATCHER, HEZEKIAH E. HATCH, tecutors of the Last Will and Estate of George W. Thatcher, Deceased, Executors

ASSESSMENT NO. 3.

ASSESSMENT NO. 3. Holland Gold Mining Company, Prindi-pal place of business Bail Lake City, Utah, Notice is hereby given that at a meeting of the directors held on the lith day of July, 1004, an assessment of five (5) cents per share was levied on the capital stock of the corporation, payable on or hefore Friday, the 12th day of August, 1904, to Sylvester Q. Cannon, Sec-retary, at the office of the company, 24 E. Bouth Temple St. Any stock upon which this assessment may remain un-paid on the 12th day of August, 1904, will be delinguent and advertised for sale at public auction. and unless payment is made before will be sold on Tuesday, thy 26th day of August, 1904, to pay the de-linguent assessment, together with the cost of advertising and expense of sale. SYLVESTER Q. CANNON. Secretary. Many Building 24 E South Temple St

Manx Building, 24 E. South Temple St.

SUMMONS,

In the District Court of the Third fudicial District of the State of Utah Courty of Sait Lake. Niels P. Paulson, Plaintiff, vs. Nathan Rozenberg, Defend-int, The State of Utah, to the Said De-fondant: 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 cuse of your failure so to decording to the demand of the complain, which within ten days after service of this summons upon you will be filed with the clerk of said Court. BIL MARCE STEWART. P. O. Address, 500 McCornick Bldg., Sait Lake City, Utah.



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# "For years fate was after me con-tinuously," writes F. A. Gulledge, Ver-pent, Ala. "I had a terrible case of Piles causing 24 tumors. When all failed Bucklen's Arnica Salve cured me. Equally good for Burns and all aches and pains. Only 25c at Z. C. M. I. and pains. Drug Store.

Little Maggie Roueche Succumbs to Its

Ravages-Free Traveling Library.

Leigh, Fremont Co., Idaho, July 18 .-

Diphtherla has broken out again in Leigh, after a quiet spell of about four months. This time it entered the home of Jacob and Minule Roueche and took their little 10-year-old daughter Mag-

Leigh has the use of the free travel-

ing library, Mrs. Anna Lamoreaux is secretary. The books will remain in

Leigh for three months, for the free

She Tried Five Doctors.

THE REAL BLOODSTONE.

"Most people know very little about

the stones of which they so gibly talk," remarked J. W. Beath. "Very few have any idea of what a bloodstone

There is plenty of water this year,

She died Sunday morning at 1

No Pity Shown.

### LEIGH, IDAHO. OUTBREAK OF DIPHTHERIA.

Special Correspondence

of all citizens.

but crops are backward.

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