Sixty-three Photos Garnered From Old Albums In Four States

OR the first time in any public print a collection of over 60 of the orig-Pioneers of Utah, is presented the Deseret News.

When it is taken into consideration that in the early days photography was practically an unknown art and the initial settlers were more engrossin providing food and shelter for their loved ones than in posing before the camera, it is a matter of congratplation that 63 negatives have been sewred out of that immortal 143.

As far as possible the pictures herewith reproduced show just how those turdy men looked at the time, or shortly after, they entered the valley of the Great Salt Lake. In this regard, the picture of Brigham Young omes near being a facsimile of his appearance 60 years ago.

In that band there were a number who possibly never had a picture taken.

As it is, the response is perhaps greater than anticipated. However, the list is by no means complete, for since the time set for the last picture o be received others have been comng in at intervals. These are not included for the simple reason that it takes time to make a halftone cut the size of the accompanying picture.

CAME FROM ALL CORNERS. As to the pictures themselves: They same from all corners of Utah and contiguous states. It goes without saying that they are priceless. In every instance they were carefully wrapped and jealously entwined with, in some cases, nearly a spool of thread outside the pasteboar' coverings. It speaks well for the mail service that in no case was a picture damaged.

SOME SAMPLE PICTURES. The work of sorting the contents of the packages which had been secured by the efforts of the agents of the Deseret News was an interesting one. some descendants of the pioneers had no photographs of their progenitors, but had the next best thing, an old chalk plate print cut from the columns if some ancient newspaper; others sent daguerreotypes, which in certain ights looked like bare pleces of burnished steel, and which, it seemed, would be impossible to re-photograph then there were groups from which a faded head and bust had to be taken-all sorts and conditions of pictures were forwarded.

CALL MISUNDERSTOOD.

To reproduce the pictures of hundreds of men who came into Utah during the year 1847 would have been practically impossible in the time given. However, a number of people did not carefully read the standing announcement appearing daily on the front page of the Descret News. This called for pictures of the members of that gallant company which entered the valley of the Great Salt Lake exactly 60 years ago today. The result was a flood of old-time photographs which had to be sorted, re-sorted, and recorded one by one and eventually regretfully returned to their owners as not being available for the subject in hand.

WHY SOME ARE OMITTED.

Some of the incidents connected with this unique collection were, to



The accompanying picture is reproduced through the courtesy of Mr. Anderson of Springville who holds the copyright. From the day he took the photograph to this there has been no roster of the names of those who posed on the Tabernacle square. As a means of identification it is requested that this picture be cut out and a cross placed on the face of each individual recognized together with the name written below. This should be mailed to John A. Burt, 44 East South Temple Street, Salt Lake, at the earliest convenience so that a record can be established of those pioneers included in the picture.

tered families sent in duplications and

different pictures of the same man. Just as soon as the total was arrived at the artist started to work designing the border and lettering for the big cut. It was the intention to have each man's It was the intention to have each man's name beneath his pleture, but this had to be abandoned because there was not much time to spare and furthermore there was the danger that with 61 all the same size and one slightly larger that the wrong negative might be in-serted. Hence it is that each is num-bered and identified below after the cut was completed. No. 1 is not of neces-sity the most important member of the ploneer band—as a matter of fact he is not—he is simply No. 1 because his negative happened to come uppermost in the distribution in the rust against time. PROCESS FOLLOWED.

But to continue: After the border was made by the artist during the night, the next morning the whole thing was rephotographed. The different sizes of sorted pletures were photo-grathed senarately to make them unigraphed separately to make the form. Some were rephotographed from reductions of the original pictures al-ready made. The final photographing was made with a "S5 screen" between the lense of the camera and the copy. This is the initial stage of half tone making. The screen carrying 85 dots to the square inch in reproduced on the negative giving an etching surface. After this the negative was stripped on to a sheet of glass. Then each photograph negative was stripped sp-orately into its proper place. The neg-ative was then stripped off the origin-Then each al plate on to a piece of heavy plate glass from half to one inch in thick-ness, according to the amount of pres-sure required while printing. After the regative was dried over t are a sheet of gine the size of the gluss was coated with a special solution and then screwed down firmly against the plate glass carrying the big negative. good condition looked better than sev-PRINTED BY SUN'S RAYS.

Necessity the Mother of Home Industries.

DIONEER industries grew out of pioneer necessities. The first was to get wood out of the moun-

tains for the winter of 1847, and mountain road building became a matter of importance. The second was to get up sawing mills to turn the timher of the mountains into building material, and this, too, became an important industry, for the time was when there was a mill on almost every canyon stream near Salt Lake. Then after the first harvests, there were the flouring mills to erect, and Heber C. Kimball built one on City creek, Brig-

ham Young built another in Liberty park, and there were many more. TRADING IS BORN The advertisements appearing in the early copies of the Deseret News give an interesting index to the character of the trading carried on. This was at first chiefly domestic. Then the French Canadian traders drifted in from the northeast with their tobacco and liquors, and established stores. With the gold rush, the trading of oxen and horses for provisions and stores became common, for the overland passengers found by this stage of their journeys that they had little use for the bulky material they had brought out from the states. They had learned the lesson of traveling light, and to them pioneer era. a fresh ox off the range, or a mule in

a matter of urgent concern, in the hope that it would benefit commercial conditions. A Deseret News editorial plea for it declares that it would be a harbinger of a Rocky Mountain railroad, that it would afford facilities to explore the country adjacent, and that it would be the means of settling a vast tract that is now waste, and would bring the public into touch with these tracts and western land in general "Put in the stage line," the editorial pleads, "and the telegraph will soon be erected upon this route, isolating time and space, whereby the slightest pulsation of the great heart of the nation

would fly upon the wings of lightning o her most distant shores, al which will be carried on in the futur by the cares and sufferings of the careworn pioneers, would vibrate upon the sympathies of a mighty people." The sugar mill the pioneers freighted across the plains may still be seen at the home of a surviving member of one of the companies which arrived in the late fifties, who resides in Tooele. The old paper mill still stands on the corner of Twelfth South and Eleventh East streets. Many of the old flour and saw mills are still existent, and in such commercial houses as Dinwoodey & Company we find the present-day giants that began as rude shops in the first

In 1850 an overland stage line became | puts in a notice that postmasters and others may obtain stamped envelopes which arrived on a late mail from California, for \$3.20 per hundred, for the 3-cent class. J. M. Horner & Co. wants 500 head of cattle for a stock ranch. Lorenzo Snow, William Eddington and Samuel Cornaby, announce the establishment of a "Polysophical society," at which reading, spelling, writing, arithmetic, grammar, composition, history and declamation will be taught. J. and E. Reese advertise for sale 50 head of mules and express a willingness to accept cattle in exchange. William Jennings and John R. Winder advertise the existence of the Deseret Meat company, on East Temple street,

flour, grain, butter, eggs, etc. Nixon's, located on Council House

street, tells of the arrival of a shipment of table covers and carriage trimmings, school books and stationery, slik and chip bonnets, choice perfumery, five dozen latest styles satin and silk parasols, tea and table spoons, cotton and wool cards, bridles and martingales." It is clear that Nixon catered to the

trade of the coy maidens who would startle the "Council House street" people with a late creation in sifk parasols and chip bonnets.

DANCING LESSONS FOR WOOD. "Ho the Public Hands," is the way Wm. Stephens calls attention to his with stephens cans attention to his announcement that he is "willing to work at tailoring in all its branches at his place in Robert Sharkey's tin shop on East Temple street, "Geo. Goddard can accommodate," he ex-plains in an advertisement in 1855, "a few more scholars in his dancing school to fill up a second class for Manday

Mormon Battalion Responsible for the Big Gold Rush of 1849

HERE is much yet to be written before credit is fully given to the work of those who carried the Mormon standards westward, and went into the general field of ploneering.

The people of Los Angeles are not yet anxious to admit that it was a band of 500 Mormons who raised the American flag over their city on July 4, 1847, so they have invented a fiction that 14 was Gen. Fremont who took the country from Mexico. The people of Stockton are not auxious to admit that the city's first settlers were Mormons from the ship Brooklyn, which was the first American vessel to land passengers in San Francisco harbor, so this chapter of western history renoses to await the time when prejudice is less forceful and equity in bestowing credit is more able to assert itself.

SOME FORGOTTEN HISTORY. It is already well known, however, that the Mormons settled San Bernardino, but the names they gave the streets were changed in an effort to wipe out all trace of their early settlement, when new comers found shelter in their abandoned homes after they returned to Utah in 1857 to stand together with their fellow religionists against a prospective armed invasion. Just what the Mormon battalion boys did in California after their dis-charge has not yet been fully record-ed. There are however geographical names in California that suggest their migrations. There is Mormon bridge over the Sacramento, Mormon ridge near Monterey, and a story in San Francisco that the first American owner of the townsite where Oakland now stands, was Samuel Brannan, a man who professed Mormonism with a view of using it, instead of giving his devotion to it. The story is that he bought, the site from the Spaniards for \$30,000, secured from the gold first mined by Mormon battalion boys at the Sutter mill site and sold it in town lots to the people who rushed thither after the gold excitement be-gan in dead earnest. The fortune he made on the transaction he dissipated in fast living, and finally drank him-self to death in San Francisco in 1875. boys did in California after their dis-

1875. This unfortunate ending for a man who had an on ortunity to make his name one of the most brilliant in his-torical significance in Pacific slope history, has rather clouded the facts about him and his California work that are worthy of permanent record.

DISCOVERY OF GOLD.

One of these is the establishment of the first Pacific coast newspaper, and another is the discovery of gold in California, the news of which discov-ery first found print in Brannan's

ery first found print in Brannan's paper. Brigham Young was responsible for the fact that Mormons discovered gold in that he sent messengers to the bat-talion boys telling those of them who were not men of family to stay in California through the winter of 1847 and 1848 for the provisions in the Salt Lake valley were scant, and he feared they would starve if they came here. This diverted many of them northward along the Sierras instead of eastward to Utah. He was also responsible for the presence of Bran-nan and the ship Brooklyn on the coast for he had dispatched it in 1846 to land its party, and have them pre-pare a home for the overland settlers to come to when they should reach a haven of rest. haven of rest.

STORY OF SUTTER'S MILL

About 40 of the men who had been lischarged from the battalion in Los

say the least, somewhat disheartening. Likely pictures were forwarded with nothing on the back to indicate who was the original and who owned the valuable print. It generally happened that when this was the case, the postmark was illegible. If this should meet the eye of such a sender. the Descret News is still carefully pre-serving the photograph, but for ob-vious reasons, the picture does not ap-

vious reasons, the picture dotted pear in this group. In other cases there was considerable correspondence under way before the valued hierlooms were fortheoming—in one or two instances the picture never

MANY PROCRASTINATORS.

That trite admonition "Do it now" never, perhaps, had been so forcibly brought home. Of procrastinators their name was legion. In a number of instances the prevailing sentiment seem ed to be: The ploneer edition will not be published until Wednesday, July 24-there will be plenty of time if the pic-

be published until Wednesday, July 24-there will be plenty of time if the pic-tures reach the Deseret News by the previous Monday. If there are some pictures omitted from this gallery of pioneers, it is the fault of the piocrastinators-not of the Deseret News.

the front lages of the Deseret Eve News and the Semi-Weekly News.

TARDY SALT LAKERS.

It must be admitted that those prople residing at a distance were more prompt in sending in pictures than othmore acompt in sending in pictures than oth-ers dwelling in Salt Lake City. To-ward the end a man was pressed into Scrvice to hunt up the tardy ones and the fashion in which he covered the city and used a book of street car tickets in the process spoke of the strenuous life incident to work on a daily news-paper.

Daper. However, the gallery had to be closed sometime and with six or eight photo-graphs yet fromised it was impossible to hold off 51.9 longer-the artist had to

Bet to work. Until the number of pictures was to-talled it was impossible to work out a scheme for the gallery.

OF DIFFERENT SIZES.

There were eventually 62 pictures in all-of all sizes, shapes and degrees from impossibly bad to fair, according to the standpoint of the half-tone man. Possibly in the the half-tone man. to the standpoint of the half-tone man. Possibly in the entire collection there were no five of the same size and shade, for they ranged from a two-foot square crayon reproduction through all the styles of photography down to daguer-reotypes, thrypes and even primitive cuts on ancient yellow newspaper. These had to be sorted time and time again because various members of scat-

D-DATE FORT

In the daytime this was put out into the sun for from 5 to 15 minutes to print. Had it been night or cloudy weather a 5,000-candle arc light would have been used. When the printing process was com-pleted the zinc plate was "rolled up"

when the zinc plate was "rolled up" with a special preparation called re-sisting ink. Wherever the light pene-trates the negative it acts on the zind and where the light acted the link stuck.

and where the light acted the lnk stuck. When the plate was washed the other ink came off, leaving a perfect photo-graph of the entire plate on the zinc. Then the plate was powdered up with "dragon's blood," which sticks to the ink and not to the plate. The plate was then heated over the fire and the lnk and the dragon's blood got together. When the plate is put into "the bath" this combination resists the action of the acid. It remained in the bath submerged in a solution of acid and water for about four minutes for the first etch. REPEATED THREE TIMES.

REPEATED THREE TIMES.

The plate was then taken out, dried and warmed again and once more pow-dered with "dragon's blood." This pro-cess was repeated three times and on each occasion the plate was dusted with dragon's blood brushed four ways to project the lines from the undermin-ion action of the acid

ing action of the acid. The plate was then examined by the operator and carried to the routing machine which took care of the pairs not etched deep enough by the action of the acid. Then followed some touching up, it

was then handed over to the composing norm foreman, who saw that the cut was properly mounted and placed in the form designated.

After the form, which represents a page in the newspaper, is made up and "locked," the cut passes along into the hands of the statectyper, who casts the plate for the cylinder Hee press and

the plate for the cylinder Hoe press and insents the cut in the metal. No matter how good has been the work of the man who made the helf tone, if the stereotyper, and, later, the pressman, do not know their business the results will not be satisfactory. Both gage the cut to a hair, both in turn build it up and the results even then are not always satisfactory. Everything possible may be done and yet a ,oor impression follows-even me-tal aparently has its whims. Buch in brief, is the story of the plo-neer gallery. Why some pictures unavoidably have been omitted, may possibly dawn up-on the tardy ones, and the moral in all things is "Do it now."

eral wagon loads of merchandise. For that reason Salt Lake became a store house of goods whose original destination was California. Later, trade was again stimulated by the arrival of Johnston's army to camp at Fort Crittenden. It was in the trade with this army post that the first United States coins became common currency, and money became a medium of general circulation. It was here, too, that Walker's, the Jennings store, Cunnington & Co., Godbe's drug store, and othor commercial concerns were put per-

manently in a solvent condition.

ADS. NOW INTERESTING.

The "News" ads. held the notices of some of these houses in the early fifties. There is a notice from John M. Jones, published in 1855, that he is opening a brass foundry where he will turn out sword hilts, belt clasps, rifle mountings, scale beams, or any other kind of brass casting. A post script gives notice that a high price will be paid for all bits of old brass and copper, if delivered to the foundry, one door south of Mulliner's tannery.

The postmaster, too, advertised in those days, for Postmaster E. Smith

as a general provision store. Adams & Co, had an express office in those days, for they advertise that a mail and passenger coach will leave Hawkin's hotel in Salt Lake for Independence, Mo., on the 1st of next month, stopping for a short time at the following way stations:

Fort Bridger, Green River, Devil's Gate, Fort Laramie, Ash Hollow, Fort Kearney, and Big Blue. The "speed ideas of the day are shown by the fac that it is further advertised that the trip will be made with comfort, speed and dispatch, and that every facility and attention will be extended to pas sengers.

Ward & Gurrier announce that they have a trading station at Sandy Point seven miles west of Fort Laramic where they will trade fresh horses for tired ones with a little "hoot," and that they will keep on hand a "good supply of groceries, provisions, and general supply merchandise."

WOMEN WENT SHOPPING.

Edward Sayers of the Twelfth ward announces that he is raising vegetables for seed and that he has for sale seeds for such "vegetables as are best adapted to the soil of this valley," for cash

o fill up a second class for Monday venings, and will take wood, lumber, tore orders, or anything else that is rood for payment, and for a third class 30 couples to meet on Tuesday eveof 30 couples to meet on russing the nings he will take pay on the tithing office. Those who wish for improve-ment in the art of dancing will find this a very favorable opportunity and will please make immediate application. Geo. Goddard, proprietor, O. F. At-wood, dancing master." Evidently Mr. Goddard is not the first or last danc-lng master who found his troubles in ollecting pay for dancing lessons.

DAUGERREANS IN THOSE DAYS.

Photographers, too, began to ply their rade, for Chaffin & Cannon aunounce that they will make "daugerrean likeesses, and that their place of business vill be open every Tuesday, Thursday

will be open every Tuesday, Thursday and Friday from 10 to 4 o'clock. These are samples of what was done in the early days. In the acts of the first legislature there is a record that Alvin Nichols and Wm. 8. Godbe were granted a right to bridge the Bear riv-er, that Ezra T. Benson be granted the exclusive right to control the waters of Tooele county known as Twin springs, that Brisham Young have the sole conhat Brigham Young have the sole con-trol of City creek canyon, for the pur-pose of building roads, that Heber C. Kimball have the right to build a saw Kimball have the right to build a saw mill, grist mill and other machinery on Mill creek, and on the creek of the canyon next sorth; that Geo, A. Smith be given control of the west moun-tains, to improve them; and remove their timber, and that Ira Endridge, Jesse W. Fox and Robt. Winner are authorized to build a canal from the Utah Lake to the Great Salt Lake, for irrigating and navigation purpose.

BEGINNINGS OF COMMERCE.

It was out of these beginnings that today's commerce grew and it is re-markable in how many fields the first industries ploneered the way for those which exist today, with all the changes in ways of doing business and in the the nautre of the public needs.

discharged from the battalion in Los Angeles, after marching overland in 1846-47 from Fort Leavenworth to San Diego, and making their headquarters for a time at Los Angeles, went to work for Capt. John A. Sutter who was erfor Capit. John A. Sutter who was er-ecting a saw and planing mill, at Sut-ter's fort. A site for a flour mill was selected near the fort, and all but six of the men were put to work upon it. These six were sent up into the mount-ains in the little valley of Colma with four other men, one of whom was James W. Marshall, a partner of Sut-ter's. The names of the Mormon bat-talion members were Alexander Stephens, James S. Brown, James Bar-ger, William Johnson, Azariah Smith, and Henry W. Bigler. The otheu three men were affiliates of the battalion boys ger, William Johnson, Azariah Smith, and Henry W. Bigler, The other three men were affiliates of the battalion boys who had formerly joined their Church. For four months these men labored on the saw mill, and on Jan 24, 1848, the water was turned into the race to clean it out. When it was turned out Mr. Marshall, who was superintending the job, walked along the race to see what damage the flow of water had done to the newly dug banks. His eye caught some yellow particles in the gravel, which consisted of rotting granite, and he picked them up. The largest were the size of wheat grains, and he showed them to Henry W. Bigler, who afterwards lived for many years at St. George, Utah. Bigler wrote in his diary of Jan 24. "This day some kind of metal was found in the tail race that looks like gold." Another entry on the 20th, says that "our metal has been analyzed and proved to be gold. It is thought to be rich, We have picket up more than a hundred doilars worth during the past week."

RUSH FOLLOWS TRAIL.

This was the beginning. Brannan's paper published the news. Gradually it spread, and the great gold rush to California, following along the trail of the Mormon pioneers into Utah, was but on its way, consequent to an act of the Mormon leader who said that he proferred to live in Utah to anywhere else because the country looked so deso-late he thought no other people would are been at the source of the sour

Mrs. H. P. Wheeler Young's Experience With an Indian.

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FAC SIMILE OF WM. CLAYTON'S DIARY FOR JULY 24. 1847.