about 270, at Ogden branch 40, at Logan about 30. The stock of merchandise carried by the Institution amounts to a little over \$1,250,000. Its sales agregate between \$4,000,000 and \$5,000,000 per annum. The dividend paid in October last was the 21st, and was 5% for the half year. The reserve finnd accumulated amounts to about \$125,000. Both buildings and merchandise are kept fully insured. The fiscal half year ends January 31, and July 31 of each year. Horace S. Eldredge is the present Superintendent, with S. W. Sears as Assistant. T. G. Webber, the Secretary of the Institution, manages the book-keeping department, and experienced salesmen and buyers watch over the interests of other departments of this mammoth mercantile concern, which has no rival in the whole region of the Rocky Mountains.

Z. C. M. I. SHOE FACTORY.

A DETAILED DESCRIPTION OF THE ES-TABLISHMENT, INCLUDING AN IN-CIDENTAL MENTION OF OTHER DEPARTMENTS.

The subject of manufactures in Utah is of much importance to her citizens. For this reason we devote some of our space to an extended notice of the Z.C. M. I. Shoe Factory, giving details of the systematic mode of manufacturing boots and shoes. There are one hundred and fifty persons employed in this business, including men, boys and young ladles. In

THE CUTTING ROOM,

In this room the number are employed. In this room the first part of the manual labor is done. Care, skill and judgment are highly essential qualifications of the workmen in this department, as the materials used in cutting are expensive, and a considerable degree of ingenity is required to cut the stock to advantage and with the least possible waste. The cost of material and labor in the uppers averages about one-half advantage and with the least possible waste. The cost of material and labor in the uppers averages about one-half the value of the finished article. There are nearly one hundred styles of boots and shoes made in the establishment, and the large number of patterns required is surprising. Each shoe upper is made of six or more pieces, and in cutting a set of sizes of ladies' shoes there are frequently npwards of fifty patterns used. Manager Rowe is the designer of the multitude of patterns, which constitute an invaluable adjunct of the business. Nearly all the work in this department is done by hand. There are no two sides of leather, or skins, exactly alike, it is, therefore, hardly possible to use machinery in cutting uppers; a few dies, and some small machines for cutting strips, is all that is used here. We must not omit noticing, however, a remarkable ingenious machine placed in this room for measuring leather. No matter how irregular in form, nor how many holes there may be in the leather, the indicator of the machine will instantly show the precise quantity of surface in the side or skin placed on it. About half of the material required for the uppers is imported, but we are pleased to state, a large amount is now made at the Z. C. M. I. Tannery, and J. W. Summerhays & Co. of this city furnish most of the lining skins and roans that are used.

The uppers, after being cut and stampad with sizes and order numbers

button-hole machine that automatically guides itself, making button-holes at the rate of two per minute, with a perfection of stitch unequalled by hand, is one of the most admired of the sewing machines. Several other machines in this room seem, almost, endowed with intelligence, among them being the puncher and eyeleter. This machine punches holes, regulating the distance between, inserts and fastens eyelets with great rapidity and perfect workmanship. The waxed-thread machines are large and strong, being capable of easily sewing through leather a half inch thick, and several of them carry two needles each, for stitching double seams on shoe fronts, etc.

The rooms described, connected with which are the Packing department and Office, are located in the second story, west end of Jennings' Emporium Buildings. From there we can descend by an elevator to the basement, or

SOLE LEATHER ROOM.

by an elevator to the basement, or

SOLE LEATHER ROOM.

A fifteen horse-power steam engine, built at the Salt Lake Iron Works, operates the machines in this and the bottoming departments. Connecting with the south end of the basement is a boiler room, in which there are two twenty horse-power boilers, one furnishing steam for the engine, the other to heat the entire premises.

The hands employed in the Sole Leather Room, cut and prepare the material required for the bottoms and heels of boots and shoes. The number of pieces thus prepared averages 24 to each pair of boots or shoes, and as there is a daily production of about 400 pairs, there are, consequently, nearly 10,000 pieces of leather cut and fitted up every day in this room. The sole leather used is the best quality of Callfornia oak tan. The machinery employed includes two sole-cutting presses; a splitter, to reduce the leather to uniform thickness; a heavy roller, through which the rough pieces are passed, under great pressure, making the leather firm and smooth; a moulder, which moulds the soles into the curved form of a last; a powerful heel press, and a variety of smaller machines for trimming, skiving, etc. One of these small machines is an ingenious contrivance for making nail holes. It accurately guages the distance from the edge and between the holes, and punches them with astonishing rapidity. An important, and costly item in this department is the extensive assortment of steel dies required for cutting soles, heel lifts, etc., used in connection with the two solecutting presses. Attention is called to the fact that no shoddy is used, a careful inspection of each lot of stock will invariably show that nothing but genuine, and good leather enters into the goods, in that respect differing vastly from a large proportion of the boots and shoes imported into the Territory.

THE BOTTOMING ROOM.

are no lwo sides of leather, or skins, and some small impers; as few dies, and some small impers; and i

All boots are subjected to three or four rubbing and dressing operations, on boot "trees," before they are sufficiently smooth and polished to present to to the public, and ordinary leather or calf shoes are similarly treated.

There are competent foremen in each department of the factory who are specially instructed to permit no poor stock to be used or imperfect work done on the goods, and their duty is to carefully examine all goods as they pass through the various hands in each room. By this means every pair of boots and shoes is subjected to frequent inspection. Damaged or poor goods are laid aside, and only the best packed for market.

To properly conclude our observations, we will now look into

THE OFFICE.

In this quiet corner, where we see at a glance a hundred elegant samples of goods made in the establishment, is generally to be found the principal moving power of the whole concern, W. H. Rowe, Esq. He is one of those human electric machines whose business force is felt by all with whom he is associated. The successful working of this factory speaks loudly for his acquaintance with details and managing ability. In addition to supervising the Shoe Factory, Mr. Rowe is manager also of the Tannery and Clothing Factory. The employees of these manufacturing departments of Z. C. M. I. have established, by Mr. Rowe's advice, a

MUTUAL AID SOCIETY,

Which has proved highly beneficial to them. The members of this society pay a very small sum monthly into a fund from which they receive aid in case of sickness, and they hold meetings frequently for social enjoyment and mental improvement. In all matters connected with the growth of these manufacturing enterprises Mr. Rowe has had efficient aid in the services of D. M. McAillster, and other faithful employees, men, boys and girls.

That these manufacturing concerns are accomplishing much good is a remark hardly necessary to make; every person can readily comprehend that the large number of people employed are not the only persons benefited, but that the whole Territory indirectly participates in the advantages. We heartily commend the laudable example of Z. C. M. I. in establishing and lostering these branches of industry, and earnestly recommend others, who can, to go and do likewise.

PALE SAPONE AND THE UTAH SOAP MANUFACTURING CO.

a difficult article to obtain. The best guaranty that patrons of the home article can have as to its purity, is the fact that it does not pay the producers to import adulterants, and no suitable adulterant can be found here, even if the manufacturers desired to use one, which they assuredly do not. There is no finer soap stock in the world than pure tallow, and that used by the works here is taken entirely from animals killed for food, while many eastern soaps are made largely from the foul grease of diseased animals—cholera hogs, dead horses, etc., bought up by "boiling houses" and by them sold to soap manufacturers—apropos of this: a difficult article to obtain. The best grease of diseased animals—cholera hogs, dead horses, etc., bought up by "boiling houses" and by them sold to soap manufacturers—apropos of this: Dr. H. J. Deuteres, of the United States Bureau of Agriculture, recently declared that the regulations of the Chicago stock yards are such that, should an animal die in them (from disease or other causes) It is at once delivered to a soap grease rendering establishment outside of the yards; and the public can recall frequent instances where physicians of the highest eminence have decided that many loathsome skin diseases are directly traceable to the tainted grease so often used in the manufacture of soap. In the history of soap manufacture and placing an article on the market that easily competed with imported products in that line, much credit belongs to Mr. Snell, the manager of the company. The present officers are: President, R. T. Burton; Vice-President, Philip Pugsley; Secretary and Treasurer, A. W. Carlson; Manager, Henry Snell. These with George Nebeker, director, form the managing board.

THE DESERET NATIONAL BANK.

This flourishing institution stands in the front rank of sound and profitable financial houses. It originally started under the firm name of Hooper, Eldredge & Co. commencing business in May, 1869. In 1870 it merged into the Bank of Deseret. In November, 1872, it was organized as a National Bank, and was designated a U. S. depository in 1879. Brigham Young was its first President, who was succeeded by W. H. Hooper. The present officers are Horace S. Eldredge, President; Wm. Jennings, Vice President; L. S. Hills, Cashier, and Jas. T. Little, Assistant Cashier, who with John Sharp, Feramorz Little and Wm. H. Riter constitute the Board of Directors. The capital originally paid in was \$200,000 U. S. 4 per cent bonds \$300,000. U. S. 4 per cent bonds The deposits average over \$1,000,000 The dividends to shareholders for the first ten years under the national charter averaged 12%, and thereafter the semi-annual dividend was 8%. Its reputation is first-class and its stock is rated considerably above par.

D. & R. G. RAILWAY.

This line runs through the grandest scenery to be seen in traveling on any road on the globe, and for that reason is greatly preferred by tourists. It is excellently built and finely equipped, the facilities being extensive and complete in every department.

The system is divided into five divisions for operating the 1662 4-10 miles of road. The Utah division embraces the following lines:

Main Line—Grand Junction to Ogden . 344.3
Pleasant Valley Branch—P.V. Junction
to Coal Mine
Little Cottonwood Branch—Bingham
Junction to Alta
Bingham Branch—Bingham Junction to
Bingham . 16.3

The Utah division is under the superintendency of W. H. Bancroft, with headquarters in Salt Lake City, while Col. D. C. Dodge is general manager of the entire system, with office at Denver, where all the general offices are located.

In the construction of this road, all the circumstances considered, as much enterprise, courage, and intelligence has been exhibited as in any similar undertaking in the country.

The scenery along the more interesting portion of the route of the road has been so frequently described in these columns that repetition is unneces-

A medical writer asserts that women are so constructed that they cannot jump. Just for the sake of argament we would like to induce the doctor to let a mouse into the same room with his wife and close the door. Science doesn't know everything yet.—Lowell Citizen.

The man who presented his wife last Christmas with a dinner kettle in which to put np his dinner on workday mornings, is puzzled to determine what gift would be most appropriate this year. He has almost decided upon a briarwood pipe for his wife to fill for him during future hours of recreation at home.—Newark Call.

where

THE PACKING BOOM
is located. The process of cleaning and packing boots and shoes includes more labor than is generally understood. Their attractive appearance, or the reverse, depends greatly on the manipulation of cleaners and packers, are ally pure, genuine, honest some instead a needle quicker than she could sharpen a lead q

CONSUMPTION CUR D.

An old physician, retired from statice, having had placed in his hands by an East Insta missionary the formula of a simple vegetable remedy for the speedy and permanant cure of Consumption. Beauchitts. Outside Authors and all threats. Catarrh. Ashma and all threat and Ling Affertions, also a positive and radical cuse for Nervous Debility and all Nervous Complaints, af er having tested its wonderful carattes powers in thousands of cases, has felt it his duty to make it known to relt it his duty to make it known to his suffering fellows. Actuated by the motive and a desire to relieve human suffering. I will send free of charge, to a I who desire it. this recipe, in therman French or English, with full directions for preparing and using Sent by mall by addressing with stamp, naming this paper, W. A. Noyes, 149 Power's Block, Roches'er, N. Y.

THE DINGEE & CONARD COR

SPLENDID POT PLANTS, specially prepared for immediate Bloom. Delivered
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Present of choice and valuable ROSES free
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MINERAL WATER. REST TO REMEDY IN THE WORLD!

Constipation,

Dyspepsia, Sedentary Diseases, Kidney Complaint Lung Diseases, Impure Blood.

PROPRIETORS AND SOLE MANUFACTURERS, OMAHA, NEB.

SOLD BY DRUGGISTS, GROCERS AND WINE MERCHANTS.

THE LIVER AND ITS FUNCTIONS.

PRIC MASHE

BITTERS CURES ALL DISEASES OF THE LIVER KIDNEYS STOMACH AND BOWKLS.

relieving accumula-tions, and restore itto ite original Strength and Vigor. For all the compisints of this kind there is no medicine that equals CR SALE ALL DRUGGISTS PRICE DOLLAR

the organs mentioned, it is a specific and as a BLOOD PURIFIER ranks above all other pre-parations. Ask your dragsist fer it, and give it a fair trial. If he has none on hand, ask that it be or-dered for you.

Prictly ash
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Prictly on
the Liver,
Kidneys,
Stomach,
Bowels,
in a mild
ret effect'v
manner,
and is as
pleasant to
the taste as
any cordial.

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