

WE RETURN THANKS

To the multitude of patrons who crowded our Two Stores During THE HOLIDAY SEASON, and Greatly Reduced our Stock. We still have on hand More Goods than we care to Remove to our New Premises, and will Continue to Sell STATIONERY, BOOKS, and anything else,

Retail at Wholesale Prices until Jan. 31, '93.

This offers a Very Unusual Opportunity to procure such a line of Goods at Remarkably Low Figures. Come soon and make your selections.

WISHING ALL A HAPPY AND PROSPEROUS NEW YEAR.

We are your servants,

UTAH BOOK & STATIONERY CO.,

72 MAIN STREET.

DUNCAN M. McALLISTER, Manager.

Prize Essays

On Utah, her Climate, Scenery & Products.

[The essays here published weekly are from the Rhetoric Class of the H.Y. Academy. They took the prize for "The best collection of compositions on Utah, her climate, scenery and products." They are presented, as above indicated, only as amateur work, but it is hoped, as amateur work in the right direction.—N. L. N. Teacher.]

BY

PROVO WOOLLEN MILLS.

How many of the people of Utah, when enjoying the warm, fleecy blankets of a cold winter's night, pause to consider that they own all this comfort perched upon the Woolen Mills situated in the heart of Provo City? More than thirty years ago, when there was only a rude means of transportation from the East, and the inhabitants of the territory were dependent directly upon natural products for clothing and food, the necessity of the Woolen Mills was fully realized.

The country having excellent water power and every thing being favorable for the manufacturing interest, woolen mills, numbering ten, were established throughout the territory, the largest one being at Provo, and the one now considered the most progressive and successful in the West.

The institution was incorporated for \$500,000 in shares of \$100 each and began work in 1872. Its success is perhaps due to its many opportunities and in being the centre of a vast wool growing district. The cost of goods manufactured per annum is \$150,000 and every year the excellence of the goods is more widely recognized.

Not only does this factory add to the interest and popularity of the Garden City, but attracts the people through the distribution of wages.

In this industry there are one hundred and twenty-five employees, seventy of which are women and girls and the remainder being men and boys.

made conspicuous by the vari colored fabrics stretched upon them to dry.

Behind the salesroom a glimpse of the small brick boiler room can be had.

The next we observe to the left of the road is the finishing room, which is 30x75 ft, adobe building, two and a half stories high. On the first story are three washers, three fillers, two large screw presses, two gips, one cloth measure and one hard waste picker.

Directly north of this building is the brick boiler room containing a powerful steam engine, which in connection with the water power runs the entire machinery.

Joining the engine room is the main edifice, 20x40 ft. in dimensions. This is a four story stone structure with a half main roof and a tower thirty feet above it.

The basement of this rock house serves as a store room for old machinery and the drying of wool. The weaving apartment occupies the first floor; here there are nineteen broad looms, thirty-eight narrow ones, two wrappers and dressers, one shawl fringer, one quilting frame, and a machine of sixty-two spindles for making a double-end-twist stocking yarn.

On second floor is the spinning room containing four self-drying mules, of two hundred and seventy spindles each.

Next comes the carding department, in which there are eight sets of cards, three in each card, one hand mule of two hundred and forty spindles, two reels and two spoolers.

The upper story is the packing room. The wool used is entirely from the Utah clip. Most of it comes from the southern counties. Arriving at the factory it passes through the hands of the wool sorter, who divides each fleece into at least five distinct qualities.

This process completed, it is thoroughly washed, then conveyed to the dye house, where the portions that are to be colored in placed in large vats or much like barrels, each holding six or seven hundred gallons of dye.

The wool next goes to the picking room, where the colors of the wool are blended for the first "breaker" in carding room, which serves to open the fibres.

From here it passes to the second breaker, from the first and is there prepared for the "condenser," which it is used for the spinning room. Here it is placed on one of the self acting mules and spun into yarn for wools and filling.

passes and is not only not pressed but put to its proper width.

All that remains is the bolting which is accomplished by a measuring machine.

Being now ready for market some is carried to the sales room, but the greater portion is disposed of at wholesale to various parts of the country.

PRISCILLA HOOVER,
PROVO CITY, UTAH.

Winter Apples.
Winter apples will keep all the better for being left in an open, airy place as late as it is safe to do so. Where there are but few apples to be put in a press can be made at home that will serve very well. The Philadelphia Farm Journal suggests the one here depicted.



PRESS FOR RAMELINO APPLIES.

This press can be quickly rigged by using a plank or scantling with one end under a stud reaching to the shed plate and temporarily nailed in place. The barrel to be loaded forms the fulcrum. Be careful not to press the apples too hard.

A reader of the Journal quoted says that the best apples of the season in Bucks county were brought out of a milk vault Feb. 7, 1892. They were Fallwaters, of a rich yellow color, with characteristic blushing. They were remarkable for size, but more remarkable for their perfect preservation.

Compared with apples kept in the cellar of the same house they were in far better order. The inference is that the deeper milk vault maintained a more uniform temperature. The vault had a small ventiler direct to the open air. The temperature as near as could be ascertained was about 45 degs.

Milking Machine.
I fully acquiesce in Dr. Babcock's opinion as to the bad effects of any kind of a milking machine or tube, or tubes, excepting in case of injured or sore teats. Then a proper tube is indispensable. I have had over half a century's experience with cows. I have been quite an inventor of test and milking specialties. I have been nearly twenty years a bovine specialist, and therefore may be allowed an opinion in all such matters. I never know of any kind of sort of milking apparatus which did not injure the milking qualities of a cow if constantly used. I have had often opportunity of seeing and proving this. Milking cows is a much more delicate and responsible task than many persons seem inclined to believe. A delicate touch is much appreciated by the cow, and the milk pail and the churn are usually gaily by hand, docile milkers make docile cows.

The Norwegian painter, Grobaldt, will spend the winter at Copenhagen. The sculptor Niels Hagh has said his

The Far North.

Interesting News from Sweden, Norway and Denmark.

SWEDEN.

A snow shower in Jemtland brought myriads of small worms along with it and no one seems to know whence they came.

A brewing company just organized at Gothenburg will only turn out beer which does not contain over 2 per cent of alcohol.

An organization called the Society for the Welfare of Sweden is endeavoring to turn the current of emigration to Norway.

Edward Schmidt, the Swedish-Norwegian consular general at Berlin, has been appointed court banker of the Emperor of Germany.

The king has appointed a committee to distribute the \$1,500 appropriated for the support of different artisans who are to attend the World's Fair in Chicago.

"The Blue Cross," a kind of temperance organization, which has had a fair run in Switzerland and certain German localities, has just gained a footing in Gothenburg.

Mr. Modig, of Alvastra, has christened his twelfth son "Charles the Twelfth." In the same neighborhood a peasant called his twelfth daughter "Twelfthina" (Twelfthina).

A fire in a store at Koderos, Småland, Norway, gained such headway when discovered, that several men who were present did not dare to enter the building to save the goods. Not so Tilda Rydbergström, a Swedish girl from Tagetorp. Having broken the sash of a window by means of a balance-weight, she entered the store and saved goods to the value of \$1,500. Among other objects she took out a desk, which it had taken two men to handle. The brave girl came out of the ordeal unharmed, and she will receive a handsome reward for her performance.

NORWAY.

The annual consumption of intoxicants in Norway is estimated by the *Fordeus* to represent a value of about \$7,000,000, of which something like \$2,500,000 is in liquor and \$4,500,000 in beer. To this should be added the wine consumed, not a very large quantity, however, and the cost of handling the goods and the profit on it made by middlemen.

The Norwegian herring is being introduced in foreign markets by the Swedish product, the latter being cured and packed with more care and according to the best modern methods, while the Norwegian exporters are slovenly and careless, their barrels in particular being poorly constructed. The matter is of no little importance; the great interior markets on the continent are gradually being lost, and new markets will hardly open as long as no steps are taken to improve the goods and present them in a condition acceptable to the customers.

DENMARK.

The Norwegian painter, Grobaldt, will spend the winter at Copenhagen. The sculptor Niels Hagh has said his

statue called "The God of Song" to a rich merchant for \$1,000.

Ludvig Koch, who was the captain of a steamer on Congo river in Africa for three years, has returned to his home in Denmark to take a rest.

Through passenger trains from Copenhagen to Christiania now cover the distance between those two cities in 24 hours. The cars are of course carried across the sound on ferries.

The barbers of Copenhagen are having a good deal of trouble. A majority of them have agreed to charge from 3 to 5 cents for shaving. But a number of scoundrels are charging only 2 cents. The union barbers are now discussing the feasibility of freezing out the scabs by opening a few temporary shops, charging only one cent per shave.

The Ibsen craze is growing worse than ever.

The description of the reception of the latest manuscript of Henrik Ibsen at Copenhagen reads like a medieval legend. Whenever the train arrived at which it was carried, stopped on its way from Christiania to Copenhagen, crowds of people were present to greet them to their joy and pride. At Helsting the whole city was in commotion.

Jack Hegel, Henrik Ibsen's publisher, met the manuscript at this place, and as the manuscript car rolled from the ferry on to the track on Danish soil, his voice was heard through the solemn silence: "Welcome to Denmark!" Immediately the surrounding throng shouted: "Long live Ibsen's publisher!" At the depot at Copenhagen a number of societies with their banners paraded the street. As the case containing the costly manuscript was taken out of the car, Mr. Hegel and those around him uncovered their heads, and Mr. Hegel and three Danish authors carried it out on the street where the rejoicing of the people knew no bounds.

The case was next placed in a carriage drawn by six horses, and the procession moved slowly towards the Hegel publishing house where "the Ibsen type-graphers" were parading at the entrance.

It is a curious fact that these type setters only set up the type of the works of Ibsen every other year and receive a pension from Mrs. Hegel for the rest of the time.

In delivering the manuscript to the foreman Mr. Hegel made a short speech in which he emphasized the tremendous responsibility of the type setters in regard to the printing of their work on the development of the world. The foreman answered that he was deeply appreciative of the honor which had been bestowed upon him and his profession. So highly is this world thought of that the type setters wear special uniforms during working hours: white coats, white legs and white gloves.

O. B. Waldum, a Swede, who lately has spent several months at St. Petersburg and other Russian cities, seems to be a veritable Hercules. In the presence of one of the most noted physicians in

Russia and a number of athletes he performed feats of strength which break the world's record. He hoisted a "strength meter" indicating 1500 pounds and raised a weight of 2,500 pounds from the ground, a performance equal to that of 22 men of average size.

It appears that there will be no special exhibit at the World's Fair of the productions of Norwegian women. A committee of ladies appointed to further the matter, has disbanded after being refused the most monetary assistance asked for from the main committee and the *Aftenbladet*, the organ of Norwegian womanhood, feels justly depressed and chagrined at this and ending to its fond anticipations and hopes.

A cablegram has already informed us that the discussion of the military bill in the Swedish Riksdag resulted in a great victory for the government. The upper house passed the bill without taking a vote, and the majority in favor of the different paragraphs of the bill in the lower house varied from 40 to 60.

The crowds surging into the lower house showed plainly that something was at stake. Every seat was occupied, and the little niches dubbed "the diplomatic box" contained as many of the members of the royal family as the constitution permits, all except the king himself.

The great event of the first session was the speech of the minister of war. At first he seemed to hesitate, but as he proceeded, he grew warmer, stronger and firmer, and the opponents of the bill readily admitted that it was "a dangerous speech."

The matter of defenses he said had been on the tapis for the last 20 years, but without any practical result. He considered it to be of such paramount importance, however, as to demand a speedy solution.

He reasoned as follows:

Sweden's last war was not the lack of individual courage, nor was it the numerical weakness of the forces, but it was deficient organization and deficient training. When we, in 1809, almost miraculously escaped the fate of Poland, it is simply astonishing that we did not take immediate steps to improve our defense. When the Russians were crushed in 1809 they speedily reorganized their army. The French, whom many are in the habit of looking down upon, after 1871 immediately went to work to arrange their military affairs in such a manner that I think any power will be carried not to approach the boundaries of France. We, on the contrary, followed the advice of "reconquering" Finland without the borders of Sweden. But we have seen that the cause of war is not yet a thing of the past and the millennium is still far away.

The cause of the war is still far away. The cause of the war is still far away. The cause of the war is still far away.

The speakers closed with this appeal: "It is my conviction based on the experience of the past, that this bill will give us an army, which will be able to defend our dearest home, will be able to protect our independence. Therefore you cannot wonder that I entreat every one of you from the depth of my heart to support the bill. You will thereby throw a safe guard around the independence of your fatherland and receive the blessing of posterity."

The bill now passed will make Sweden a stronger power than it has been during this century. The army will without doubt number at least 200,000 in time of war. The military districts are to be so arranged that five of the six will include a portion of the Swedish coast line. The sixth district will be a sort of inland reserve ready to be directed on any threatened point.

THOSE ANTICIPATING TO MARRY

WILL DO WELL TO GO TO NEVE & CHILD, 37, 39 & 41 E. First South Street, and buy their Furniture, Carpets and Curtains, etc. By doing so they will get their Photos Enlarged Life-size, with Beautiful Frames, free of cost. Call and see sample.

American Chiropractors. In a recent letter to the manufacturers, Mr. A. W. Hallbridge, Millersville, Pa., says: "Chambers' Cough Remedy gives the best satisfaction of any cough medicine I handle, and as a whole, leads all other preparations in this market. I recommend it because it is the best medicine I ever handled for coughs, colds and croup." For sale by E. C. M. I. Drug Disp., etc.

A Million Friends. A friend in need is a friend indeed, and not less than a million people have found such a friend in Dr. King's New Discovery for Consumption, Coughs, and Colds. If you have never used the Great Cough Medicine, one trial will convince you that it has wonderful curative powers in all diseases of the throat, chest and lungs. Each bottle is guaranteed to do all that is claimed or money will be refunded. Trial bottles free at A. C. Smith & Co's Drug Store. Large bottles 25c and \$1.00.

For Railroad Tickets call on W. G. Kinn, Walker House; he can save you from \$5.00 to \$25.00.

To sell Railroad Tickets call on W. G. Kinn, Walker House.

Just out—Silver State Specials.

Rev. Myron Lee. Of the Cincinnati M. E. Conference, makes a good point when he says: "We have for you used. Health Remedies in our family of five, and find it fully equal to all that is claimed for it. Home people are greatly benefited against patent medicines, but how the potentest hurt medicine and not a medicine is a mystery of mystery to me."

Head's Pills cure Liver Ills.

Lost. A Scotch Terrier—female. Answers to name of Peggy. Finder return to 225 State Street, and receive liberal reward.

Cheap Tickets to Denver and Colorado today. W. G. Kinn, Walker House.

More Silver State Cigars sold than any other ten brands.

Colonia Coffee, master of the gold, at Jarlov Thompson Grocery Co.

A. B. C. Battle's Baboon Brand. Made by The American Brewing Company of St. Louis is brewed at the best barley and botanical hops. It has a beautiful amber color, a delicious hop flavor and sparkles like Champagne. Put in 12 cans. 44 East First South Street, Salt Lake City, Utah.

"Brown's Bronchial Trachea" is excellent for the relief of Hoarseness or Sore Throat. They are exceedingly effective.—*Christian World*, London, Eng.