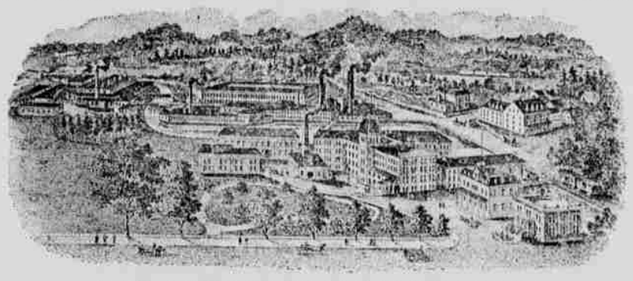
ST. JOHNSBURY

BIRDSEYE VIEW OF ST. JOHNSBURY.

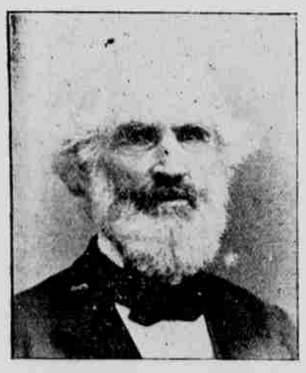
E. & T. FAIRBANKS & CO.

The history of the house of Fairbanks & Co. makes always interesting reading. It is one of the great industries of Vermont that has done much to spread its fame as a manufacturing state and there are but few towns and cities in the United States where their product is not in use. From the day the first patent was granted in 1831 the history of this company has been one of marked progress and success. First supplying their own and contiguous towns with public scales, and meeting the demands of the more distant towns and cities as rapidly as possible, they soon found the demand was universal. The field of usefulness for



E. & T. FAIRBANKS & COMPANY'S SCALE WORKS.

this invention was as broad as the world itself and entered into every department of manufacture and agriculture, science and commerce. To meet the demands of these various departments, the principle has been applied to hundreds of sizes and styles of varying capacities, until today one may with absolute accuracy weigh a ship with its cargo, or the load which wears from the pencil in writing one's name. In the supply of these

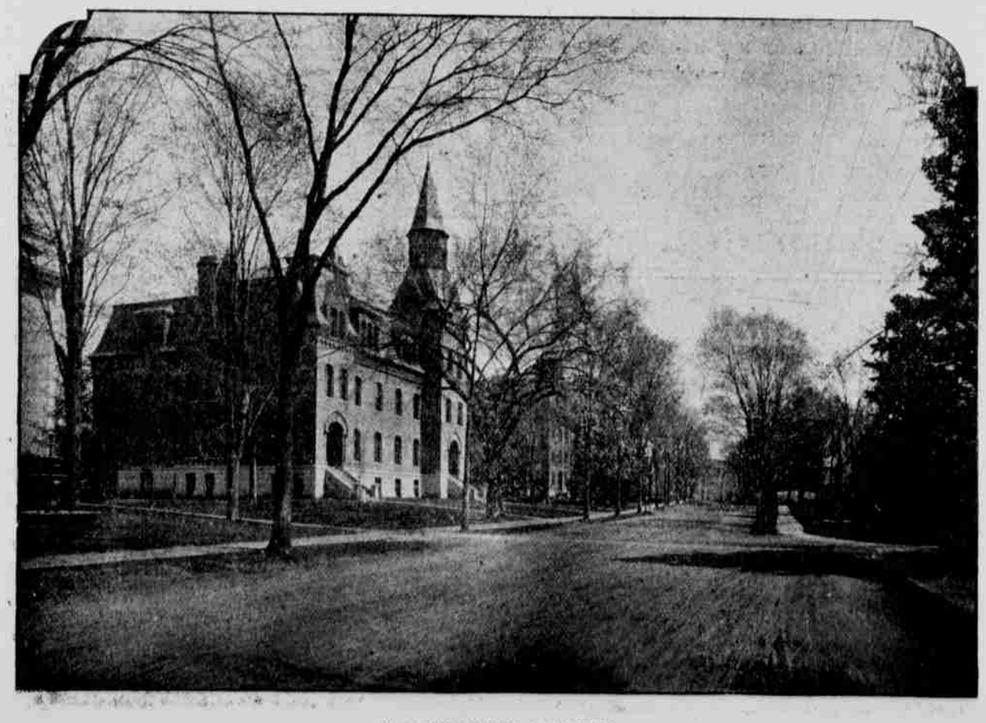


SIR THADDEUS FAIRBANKS

great fields it is almost unnecessary to call attention to the growth and present magnitude of the factory in which so many scales are manufactured, which has marvelously developed in proportion to the demand for scales. From the small factory, sixty by twenty-five feet, with an area of 1500 feet floor space, in which this industry was begun, these works have extended to cover more than twelve acres of floor space in which are employed about seven hundred skilled mechanics, which number, with the modern and improved machinery and labor saving devices, represents more labor than would a much larger force of men a few years back. Many of the machines in the factory are especially adapted to and constructed for this work, and are inventions of the inventors of the scales. From this factory warehouses in the cities of New York, Boston, Baltimore, New Orleans, Buffalo, Albany, Philadelphia, Pittsburg, Chicago, St. Louis, Kansas City, St. Paul, Minneapolis, Cincinnati, Cleveland, Louisville, Indianapolis, Omaha, Denver, San Francisco, Los Angeles, and Portland, Oregon, as well as a large number of sub-agencies, are supplied at the rate of more than 2000 scales per week. This supply comprises railroad track scales with platforms five feet to 150 feet in length; furnace charging scales for ores; hopper scales for grain; stock scales; scales for warehouses, butchers, grocers, druggists; for the postal service, and for every branch of business—representing an annual product of more than $3,000,000. Foreign agencies are also established in Montreal for Canada; in London as the center for Western Europe; in St. Petersburg, Moscow and Buda Pesth in Eastern Europe, and through sub-agencies and merchants the Fairbanks scales are carried to every portion of the earth where civilization has gained a foothold. "They are the standard of all the nations of Europe, India, China and Japan; of East and West Indies, Australia, Africa, South America, and are marked with the numeral characters usual in the countries where they are used." Large shipments of scales are made to Russia, Austria, Germany, Brazil, Chili and Australia. The Russian and Austrian government railways are supplied with the Fairbanks track scales, and Russia has adopted the Fairbanks scale as the government standard. This company has for many years supplied the United States government with all the scales used in the postoffice department. In addition to the contract for postal scales, monster testing machines have been furnished for the United States navy yard shop at Washington and for the use of the department in other cities. The amount of raw material necessary for this annual output of scales is very large. Nearly 5000 tons of iron and steel, 4000 tons of coal, 150 tons of brass, is but an intimation of the proportion in which material is used. The amount of lumber used in the manufacture and shipment of scales is about four million feet. Many honors have been conferred upon the members of this family, both as individuals and as a company. Upon Thaddeus Fairbanks was conferred by the Emperor of Austria the Cross of the Order of Francis Joseph in 1873, and in 1877 he received from the Bey of Tunis the Decoration and Diploma of Nishan-el Iftikar of Grade of Commander, the only American manufacturer upon whom this honor has been conferred. Gold and silver medals were awarded Fairbanks scales at the exhibition in London in 1851; New York in 1853; Paris in 1867; Vienna in 1873; Santiago, Chili, in 1875; Philadelphia in 1876; Sydney, Australia, in 1878, and at numerous exhibitions of industrial associations in this country. The original patent was granted in 1831 for a weighing machine, which consisted of a series of levers adjusted on knife-edge steel bearings, by means of which any desired multiplication could be obtained. This company was incorporated in 1874 and has a paid-up capital of $2,500,000. The directors of the corporation are Samuel N. Brown, president; Henry Fairbanks, vice-president; John C. Clark, treasurer and secretary; H. N. Turner, manager.

ST. JOHNSBURY ACADEMY.

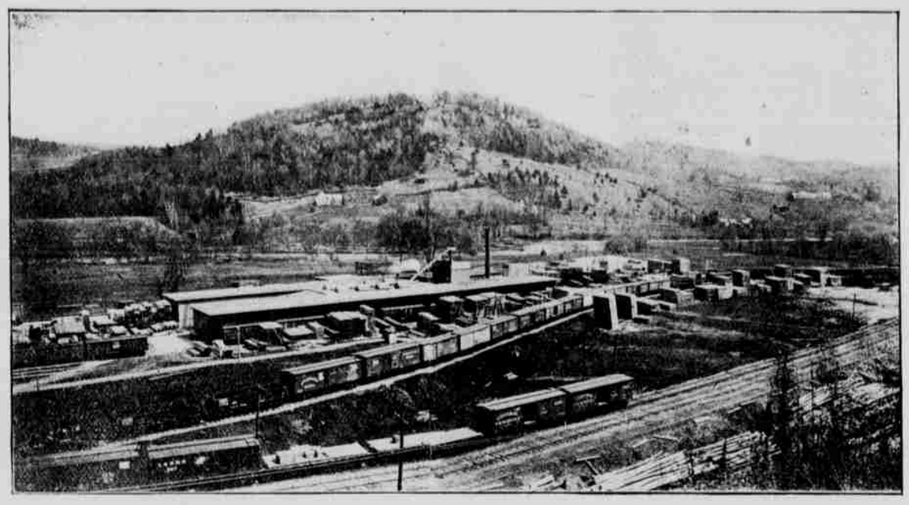
Founded in 1842 by the Fairbanks brothers, who erected the building and provided necessary equipment and funds for maintenance for about twenty-five years. During most of this period the school was in charge of James K. Colby, a man eminent in figure; character and education gifts. He left a lasting impression on the school and community. In 1871 Dr. Homer T. Fuller, now president of Drury college was called to the principalship. He enlarged and perfected the curriculum and brought the institution to front rank among New England schools. Commodious brick buildings were erected by Sir Thaddeus Fairbanks at a cost of some $100,000, and endowments were secured. The attendance increased to 400 pupils, representing all sections of the country. The fourteen years pricipalship of C. E. Putney added to the high tone and influence of the academy. The energetic administration of David Y. Comstock, the present master, is seen in every detail. New appliances and methods have been introduced, especially in the scientific, art and commercial departments. This last which was the incorporation into the academy in 1888, of a well known and successful business college is hardly surpassed by any similar institution anywhere, either in skilled instruction, equipment or business methods as practiced. Expert instruction is provided in the classics, in modern languages, history and civics; the outfit of the laboratories is very complete and pupils have excellent opportunities for experimental work in chemistry, physics and surveying. For many years graduates of St. Johnsbury academy have taken leading rank in colleges and in business world. Among those well known in public life are ex-Senator Jonathan Ross, General W. W. Grout, who for eighteen years represented this district in congress; Chief Justice Henry C. Ide of Samoa, now at the head of the Philippine commission. The village of St. Johnsbury is well known for picturesqueness, thrift, intelligence and healthful moral sentiment. Its public buildings are noble and serviceable. The Athenaeum with its well selected library, home and foreign periodicals and art gallery; the rare and beautiful collection of the museum of natural science; the Y. M. C. A., and the Music Hall lecture courses afford the pupils of the Academy facilities for research and liberal culture rarely equaled in a country village and practically of great value to the institution.



ST. JOHNSBURY ACADEMY.

NORTHERN LUMBER COMPANY.

The above corporation ranks among the leading and largest lumber dealers of the New England States. It had its inception in 1880, in which year it was established by A. B. Jewett, William P. Fairbanks and C. H. Stevens, the firm name being C. H. Stevens & Co. Mr. Stevens subsequently acquired the interests of his two partners and the present company was incorporated in 1890, with a paid-up capital of $100,000. An extensive lumber yard and well equipped planing mill, dry kiln, etc., occupy a three-acre plot along the railroad line near the depot. The company manufacture and deal at wholesale and retail in spruce and hardwood lumber, clapboards and shingles. The bulk of the shipments are sold in carload lots, and their products are shipped throughout New England chiefly and to Boston largely. The annual shipments of lumber by this concern will average from fifteen to twenty millions of feet. The company is officered by C. H. Stevens president and treasurer, and E. O. Lake secretary. The Northern Lumber Company gives employment to 30 to 50 men. The growth has been steady and rapid and as an institution of industrial importance it occupies a leading position in this section.



THE NORTHERN LUMBER COMPANY'S PLANT.

THE DUPONT MANUFACTURING CO. ST. JOHNSBURY, VT.

An enterprise that well illustrates the high perfection attained by American manufacturers of machine tools is that of the Dupont Manufacturing Co. of this village, which was incorporated in 1891. The company's chief specialty is the Dupont power hammer, which is notable for its extreme simplicity of construction and of adjustment, the great economy of power in its operation, its durability and its wide range of capacity of work. So easy is it operated that a one-hundred power hammer has been run on regular work with a one-inch belt, which means a big saving where steam or electric power is used, and its durability is unquestionable since its simplicity of design leaves few parts to break, and it is made of the best available materials throughout. Dupont hammers are made in seven regular sizes, and special hammers have been constructed to meet the requirements of different manufacturers. These hammers are especially adapted for the use in carriage factories, car works, file shops, edge tool shops and general job shops, and are also used for a great variety of other purposes. Other products of the company are the Howard mitering and beveling saw table, the Howard saw sharpening machine, speed lathes and swing drills, which are equally superior machines of their kind. The officers of the company are Messrs. C. H. Stevens, president; George W. Cree, secretary and treasurer; O. W. Olcott, manager.

GRISWOLD & MACKINNON ELEVATOR

GRISWOLD & MACKINNON.

The firm of Griswold & Mackinnon comes from a business established half a century or more ago. In about 1849, as soon as it became certain the railroad would come here, the firm of Chase of Lyndon, Keyes of Newbury and Knights of Stanstead, P. Q., commenced the construction of a building about where the one now owned by Swift Bros. stands.

This firm, Chase, Keyes & Knights, had probably the first wholesale house of its kind in northern Vermont. Two Lyndon men finally succeeded to the business and the firm was Chamberlin & Fletcher. Then Fletcher bought out his partner and in course of time the business merged into H. E. Fletcher & Co., Griswold & Mackinnon being the Co. The next firm was Griswold & Pearl, then Griswold, Pearl & Co. In 1895 Mr. Pearl died and since then the firm has been Griswold & Mackinnon. In 1892, the old building, in use for over 40 years, went down in the big fire and in 1893 the present large and conveniently arranged elevator was erected. This firm has grown with St. Johnsbury. It now distributes flour and feed all over Vermont, the biggest part of New Hampshire and goes up to Sherbrooke and part way to Montreal in Canada.

POLLENSBY & PECK.

The extensive lumber yards and mill operated by the above firm figures among one of the leading manufacturing enterprises of this section. They are located at the junction of the Moose river and the St. J. and L. C. railroad. The mill is operated by water power and consumes from one and one half to two million feet of logs annually in addition to many thousand feet of lumber received in the rough. Some ten acres of ground are covered by the yards which occupy both sides of the river. A full stock of all grades of lumber, shingles, laths, clapboards and dressed lumber is always carried in stock here. The product is consumed largely at home and at points along the railroad between here and Boston, including many large shipments to the latter city. This company employs twenty men and do a thriving business. The mill is kept right up to date by new improvements and all its operations are marked by careful and conservative management.

ACME IRON WORKS.

The foundry and machine works known as the Buzzell and Paddock Foundries, which have for the past sixteen years been operated by the Acme Iron Works, are among the oldest industries of Vermont; they were originally established about seventy years ago. This is one of the most complete plants of its kind in this section; the equipment of machinery is of the best and complete in all departments. Brass and iron castings of all grades and dimensions are turned out here. A specialty is made in the manufacturing of board mills, shafting, hangers and pulleys and the Thompson spark arrester. A large amount of work is also performed in the repairing of engines, boilers and lumber machinery. M. Hynes, the proprietor, has guided the affairs of these shops for the past seventeen years and gives employment to nine men. The work and contracts undertaken have come from a wide circle of territory surounding St. Johnsbury, including the adjacent towns. A large area of ground is covered by the many buildings of this plant and the locality in which it is located is known as Paddock's Village, deriving its title from this old foundry.

They do a business of general machinists and general jobbing, stove and plough repairs, brass and iron castings, board mill machinery, agricultural and tool implements, railroad and machinery castings.

M. J. CALDBECK & SON PLANT.

O. V. HOOKER & SON.

The foundry and machine shops operated by the above firm constitute one of the most extensive jobbing plants in Vermont. Lever-set, circular sawmills, floor-boring machines, mill machinery of all descriptions and derricks are among the line of heavy machinery made up here. The general job work turned out by this plant is probably the largest in the state. Plumbing and steam engine work is a specialty here. They also deal in new and second hand machinery of all kinds. A large line of mill supplies, rubber and leather belting is carried on by this firm in which they are large jobbers. Steam pipe fittings, fire brick and clay are handled here in large quantities also. The machine shop and foundry each occupy large buildings, in addition to which a number of other buildings are used for the office, dry kiln, etc. A new 100 horse-power water-wheel is used, also an iron penstock and wheel pit. By the completion of these new improvements this firm are splendidly equipped with extended facilities and capacity, thereby enabling them to turn out the many contracts always under way here with greater dispatch.

M. J. CALDBECK & SON.

The firm of M. J. Caldbeck & Son a year ago moved into their new building, which, it is fair to say, is the largest and best equipped occupied by any concern in this part of New England. It is a well lighted and airy structure of four stories, erected by the firm with special arrangements for the carrying of a heavy stock of building supplies, consisting of doors, sash and blinds, paints, putty, varnishes, oil, colors and filler, also cement, hair and lime, the last three commodities being kept in a separate storehouse. The main building is fitted with the latest improvements, including a power elevator operated by electricity and steam. There is a fine steam heating plant, with electric fans to force heat. A heavy jobbing business is done here and the outside trade is visited often by one of the firm, shipping facilities being most excellent as the railroad is alongside the plant. This firm is well known as having been formerly engaged in extensive building operations. They carry only the best brands of goods and are recognized as one of the leading factors of the industrial development of St. Johnsbury.

GEORGE H. CROSS.

The manufacturing bakery business, operated by George H. Cross, is one of the prominent industries of the state as well as one of the pioneer institutions of New England. This business was established sixty years ago and has been conducted by its present proprietor since 1867. Three years ago the business was moved into its present splendid brick fireproof plant. The new structure is located on Railroad street thus rendering its shipping facilities most adequate and placing it in the business centre. This plant is equipped with the most modern machinery and fixtures and is conspicuous for its cleanliness at all times. The building is one of the most substantial structures in St. Johnsbury. It is 35x110 feet, consisting of two stories and basement. An attractive retail department is operated in the forward portion where pastry, cakes, bread and a full line of confections are shown. The retail trade is naturally large. Customers are offered the advantages of a free delivery system. A full line of bakery goods are manufactured here as well as confectionery which is produced in all grades and prices, from the penny goods to the most expensive. The celebrated St. Johnsbury cracker is also manufactured here and through its sale for many years has done much to make this old bakery famous—the daily output of this cracker alone being 70 barrels. Three traveling salesmen are employed and cover the territory with a radius of 150 miles of St. Johnsbury, south, east and west. The number of people employed here ranges from 18 to 25 and the weekly output equals twelve tons. During the winter season a very large business is carried on in the manufacturing of corn in all its varieties, including cakes and brittles, the sales being immense in this popular department. No institution is more closely identified with the progress and growth of St. Johnsbury than this bakery and no citizen more firmly identified with her commercial interests than its proprietor, George H. Cross.

CAPITAL SOAP & MFG. CO.

Montpelier and St. Johnsbury. George P. Barrett at the head of the St. Johnsbury branch of this company is well known as a citizen of this city and is noted for his hustling qualities in general. The specialty of the branch over which he has charge is a poultry food manufactured from bone, doing a large business in this particular commodity. They also make bone meal for cattle solely at this branch. The bone mill and rendering plant here being well adapted for such manufacture, having excelent equipment, facilities and situation. They also buy and sell large quantities of hides and skins here, being the largest dealers in this section of Vermont. Mr. Barrett has had a wide experience in handling this class of merchandise and is regarded as an expert at the business. The company handles ground raw bone and meat, granulated bone, ground beef scraps, bone meal and crushed oyster shells. They also have branches at St. Albans and Bellows Falls.

GEORGE C. CARY CO.

This house is one of the busiest and most active of St. Johnsbury. An important and wide spread traffic is carried on through shingle and maple sugar business. They own commodious warehouses on Bay street which are paralleled on one side by the railroad, rendering the shipping facilities adequate. In cedar and pine shingles an extensive business is carried on throughout the New England states. The entire output of several large mills in Maine and New Brunswick being controlled by them. In maple sugar this company is probably the largest dealer in New England. Shipments are made to all parts of the United States and the season's business will equal one-quarter of a million of dollars. They are naturally the largest buyers of sugar in this section, taking the entire product of many of the largest producers in New England and handling it largely in carload lots. Mr. Cary exhibits a wonderful capacity for work and keen judgment in commercial affairs, surmounting all operations undertaken; if there is a busier man in St. Johnsbury, the writer has not found him. He is also the proprietor of the Lookout Farm.

NEWPORT

LORENZO DOW MILES.

Lorenzo Dow Miles, son of Orrin and Eunice Clark Miles, born in St. Johnsbury in 1838. He was educated in the schools and academies of Johnson, and in 1861, from a sense of duty chose the camp instead of the college. He enlisted in Co. E, Third Vermont Regiment, but was detached on special service with Battery F, Fifth U. S. regulars, with which organization he served till early in the winter of '63, when he returned to his regiment, with which he served until he was honorably discharged at Burlington, July 27th, 1864. In 1874, Mr. Miles was appointed deputy sheriff, and successively re-elected until he was made sheriff ten years later. Since the fall of 1878, he has resided in Craftsbury, Barton, Irasburg, and Newport, which is his present residence. He has been concerned in the arrest of many prominent criminals and was actively employed in search of the murderer Almy. He has been a republican since the organization of the party, and as such has been elected six terms sheriff of Orleans county. He is a member of the Baxter Post, G. A. R. and of the K. of P. and is a Knight Templar of Malta Commandery. Sheriff Miles is a man of kindly impulses and jovial manner, and is liberal in his religious preferences.

LORENZO DOW MILES.

CENTRAL HOUSE.

S. G. Scott conducts a first-class hotel in his elegant new brick building on Central street, and in connection runs a livery and feed stable. The house was built in 1893, contains twenty-two rooms and is provided with modern improvements. Mr. Scott is a buyer, wholesale and retail dealer and shipper of hay and straw and "rakes toward the cart." In some years he has pressed and shipped 4000 tons. He also deals extensively in wood, having a large yard in the village and sells on an average 1500 cords a year, beside handling all the chair stock waste. He also conducts a coal business, selling about 700 tons annually. He employs some eighteen or twenty horses and does an extensive jobbing business. He also owns and rents several tenement houses. He is agent for the Western Reversible road machines, Adrian, Buckeye and McCormick harvesting machinery, hay ties, and Listen's fertilizers. He is one of the hustlers of Newport and keeps eight to ten men busy with his various enterprises. He was born in Newport in 1853, has always resided here and is one of the most useful and industrious citizens. He is a member of the I. O. O. F. and Foresters.

B. F. MOORE & CO.

Manufacturers of high-grade overalls and coats and shirts for western wear. This firm consists of B. F. Moore, H. G. Blanchard and E. C. Blanchard. The business was started in 1890 by B. F. Moore alone and has steadily increased, warranting the addition in partnership. The main building is 40x170 feet with four stories and housing from sixty to seventy operatives. The company keep four salesmen constantly on the road including G. W. Moxley, who has been with them from the beginning and Mr. W. E. Imprex, who travels all through the west and south. The plant is equipped with a 50 horse power engine and boiler of the latest design, which furnishes power for their sewing machines, and runs the dynamo for electric lighting; also furnishes steam for heating the entire building. Their cloth is obtained in quantity directly from the manufacturers and complete facilities secure economical production. The firm make "Vermont Home-Made Pants" turning out about 300 pair a day. They are double and treble stitched, warranted not to rip, and are receiving an increasing demand.

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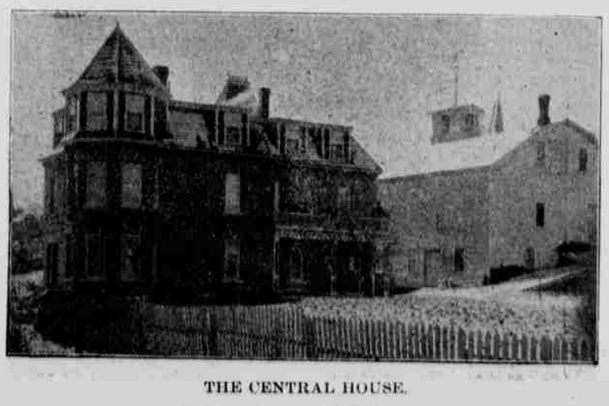

THE CENTRAL HOUSE.