GREAT EDDYSTONE PLANT READY TO CEASE LABOR

Vauclain's Prophecy

One man at least who had to do with the erection of the Eddystone rifle plant read the handwriting on the wall. He was Samuel M. Vauelain, vice president of the Buldwin Locomotive Works. The

st for the nation then."
So they built it as it stands. When

Back in 1914, when the war caught all the world but Germany unprepared Britain needed rifles. Her own plants could not turn them out nearly fast enough. She came for help to indus-

trial America.

In May of 1915 the spot where the at a full mile.

From the breaking of ground in a swamp it had taken less than eight months to build a modern factory with thirty-three acres of floor space; to purchase and set up rifle-making machinery.

The Piathirty-three acres of floor space; to purchase and set up rifle-making machinery—all of which had to be especially manufactured for the purpose—to get together a huge stock of the finest and searcest steels; to fabricate millions of searcest steels; to fabricate millions of semill parts, made with accuracy carried to the thousandth part of an inch and less; to assemble these in the completed product.

The Rifle for Bayonet Work

"I have handled many rifles, old and new, Springfields, Krags, Mausers and a few others, but when it comes to service, the study-built Eddystone rifle certainly delivers the goods. The stock is so strong that it makes an ideal rifle for bayonet work.

Company made 600,000 rifles for the British Government. Most of them went to France, One hundred thousand, however, were shipped to far Mesopotamia, where sun-bitten English Tombattlefield. The same spirit of service battlefield. The same spirit of service battlefield.

The rifle made for England was the England of 1914, chambered for the British type of rim cartridge of .303 caliber. A fine, hard-shooting accurate weapon, the best rifle that had been devised prior the work and these rifles were turned.

The rifle made for England was the women at lathe and drill. They, too, are herees.

Go into the shops and you will see this spirit.

It is impossible to describe the actual making of rifles at Eddystone. It is the best rine that had been sides were turned to the war. And these rifles were turned out in such huge quantities at Eddystone that at the peak of production the Mid-vale Steel and Ordnance Company was making more English rifles than all the making more English rifles than all the arsenals and private plants of England combined.

Then came our entrance into the war.

From the first month it was evident that we would need huge armies. They had to be raised, trained, equipped, transported abroad in record time. Making man does just his own job. He has ported abroad in record time. Making rifles for them was one of our biggest

Shortly after war was declared the officials of the country's various rifle plants were called to Washington for a conference with Secretary Baker. He laid the nation's needs before them. He asked them to estimate how long it would take to deliver rifles of the Amer-ican type in the quantities needed. They said six months.

The Midvale Steel and Ordnance Company agreed to furnish its first quota of American rifles by November 12, 1917. It did so on September 17

By September of 1918, a year after these first rifles were turned over to the United States, a total of 1,000,000 had been manufactured and delivered. This was record production—faster than even the British rifles were made.

The Millionth Rifle

On the 23d of September the employes of the plant celebrated the making of the millionth rifle. It was a great occasion. The broad courty and in front of the rifle factory held 14,000 people. of the rine factory held 14,000 people, workers and guests. Secretary Daniels was there, with representatives of the Secretary of War, of the army, of the various departments of Government. Brigadier General John T. Thompson, present director of arsenals at Washington, and one of the men who assisted in the company and development of the organization and development of the Eddystone plant, cabled news of the millionth rifle to General Pershing. Mr. Vauciain, on behalf of the plant's

mr. vaucain, on behalf of the plants employes, presented the millionth rife to Charles H. Schlacks, general manager of the works, and the man who is credited by officers and employes alike with having had the biggest share in perfecting and maintaining the great or-

This millionth rifle was bought for m by the employes themselves. They



war American rifle plants which had been making small arms for England could have continued making the same

was Samuel M. Vauelain, vice president of the Buldwin Locomotive Works. The Baldwin Company built the plant. When the broad lines of its construction were being laid out Mr. Vauelain said in effect to his associates:

"Let us build it big. Let us make it the greatest of rifle plants for sooner or later, this country must be drawn into the war, and if we build adequately now we will be able to do our best for the nation then."

Causes willout the loss of a day.

That, however, would have made necessary two kinds of ammunitation. Bather than risk the danger and inconvenience of this course, the War Department accepted the delay incidental to changing machines and manufacturing a new stock of parts.

The lessons American rifle makers had learned in manufacturing the British Enfield helped make the new American rifle the truest-shooting, hardest-hitting Rather than risk the danger and incon- minute.

military rifle ever devised.

So they built it as it stands. When American sprang to arms to help the world win back its freedom the Midvale Steel and Ordnance Company was ready. The machines were there, needing but few changes to manufacture the American type of ride. The executive personnel was there. A large nucleus of trained and expert men and women were ready to build the rifles that armed Americans in the great cause. The rifle plant was a great that armed Americans in the great cause. The rifle plant was a great the first of the Enfield. The capital countries are tested with a bursting charge equivalent to the 40,000 pounds of the British arm. Our rifles are tested with a bursting charge equivalent to the special countries. The rifle plant was a great the first of the f

t three miles.

It shoots so accurately that a trained

In May of 1915 the spot where the rifle plant now stands was a great tract of swampy land adjacent to the Baldwin works at Eddystone. On May 11 written by an army captain in France about the Eddystone rifle to one of the assistant general managers of the plant:

"We went through the St. Mithel drive, and as I write the drive of November 1 is going merrily on—started \$2.15 a. m. Some 3600 pieces of artillery let go at that time. You can be saily imagine the way the earth rocked. The last day of 1915 at the Eddystone easily imagine the way the earth rocked as Wilson's Answer' went home. Our completed their first rifle for the British Government.

Rifles for the British

It was an achievement even in this day and land of mechanical miracles.

In all, the Midvale Steel and Ordnance

To all, the Midvale Steel and Ordnance

The Midvale S

The man who wrote that letter knows

that made our soldiers indomitable in the Bugdad.

making of riftes at Eddystone. It is an extremely complex undertaking—as you may realize if you reflect a moment you may realize it you reflect a moment upon the statement made early in this article that there are 15,000,000 single operations entailed in a day's output of 5000 rifles.

Y. Z. R. FURNITURE LOUIS E. WISER Wholesale-Retail 260 S. 5th St. FURNITURE MANUF, EXHIBIT BLDG. Open Saturday Evenings



the New Year New Year celebration all the seasons of this new year of 1919. Sold at Drug Stores and Community Stores

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tions to watch is the boring of rifle bar-rels. The barrel is whirled against a hollow, stantionery drill at the speed of type and caliber arm for the United States without the loss of a day.

That, however, would have made heack the ninute steel chips. A barrel is necessary two kinds of ammunition, drilled at the rate of about an linch a Inute. A somewhat similar machine ams out the first fine hole cut by the ill. Still another puts in the delicate

changing machines and manufacturing grooves which we know as "rifling."

a new stock of paris

The lessons American rifle makers had learned in manufacturing the British through them a special bursting charge. developing a pressure of 70,000 pounds to the square inch. The test shot is fired into sand. A number of rifles are fired into sand. A number of rifles are fired at once, racked in a frame and this assembly job a good workman

The gun made at Eddystone and used but inspect. The plant's own inspectly our troops in France will kill a man all its processes, from raw material to

finished product. This firing for accuracy is one of the things that catches the interest of the outsider visiting the plant, if he be lucky enough to win through the door that is guarded against even plant em-ployes, into the long, narrow "shooting gallery." Here experts "lay" the rifle

subscribed a penny each to make the purchase—and had more than a hundred preference—and had more

It is related that about the best man developed at Eddystone had never looked through a rife barrel in his life before some one accidentally discovered the power he did not know he owned. He had been employed for months in the plant as an iceman, delivering ice in a zinc-lined truck. While you watch a gun stock is made,

Saws, drills, turning lathes work with human accuracy. Each process takes but a few moments. When cut and turned the stocks are put in racks and dipped in linseed oil, which soaks into Stock assembly is comparatively sim-

ple-if you are an expert-because of the absolute interchangeability of parts. **************************

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December

Demonstration

Sale

The December Demon-

stration Sale will run for four days-Friday, Saturday, Monday, Tuesday— and during that time very special values will be offered in every department. New lots will be advertised daily, but many of the reductions are in quantities too small to advertise being broken lines and rumpled goods left from the greatest Holiday selling we have ever had. It will pay you well to visit the store and share in the savings which our Demonstration Sales

always bring.

ular prices.

DECEMBER

DEMONSTRATION

SALE

All Winter Millinery

Greatly Reduced

An annual event which is

always eagerly awaited by

many of our customers, as it

affords an opportunity to get

a seasonable, stylish Hat at

very much less than the reg-

\$15.00 to \$45.00 Hats for \$5.00, \$10.00, \$15.00

Dress Hats trimmed with

strich feathers and flowers

\$12.00 and \$15.00 Hats

Reduced to \$5.00

n many shapes and colors. Children's \$15.00 Dress Hats

Reduced to \$7.50

Children's Velour Hats, all

colors-\$5.00 Special THIRD FLOOR

Sports and Tailored Hats

December Demonstration Sale

Misses' Suits Reduced



\$59.00 Suits at \$45.00-Velour and Duvet de Laine Suits in green, brown and taupe; lined with peau de cygne and warmly interlined; one of the styles is illustrated; sizes 14, 16 and 18 years; reduced to \$45.00 from \$59.00. \$82,00 to \$195.00 Suits, \$69.00 and \$79.00—Velour, Silvertone

and Velveteen Suits in misses' sizes; original copies of imported models; trimmed with Hudson Seal or Skunk; two of the styles are shown in cut; were \$82.00 to \$195.00—now \$69.00 and \$79.00. Velour Suits in various styles, one of which is shown; green

deer, navy, brown; lined with peau de cygne and interlined; sizes 14, 16 and 18 years; reduced to \$29.75 from \$39.75 to \$58.00. A small lot of Junior Suits in tan and green only; all-wool material, warmly interlined; sizes 13, 15 and 17 years-special at \$25.00 for quick clearance.

A few Suits from last season in navy serge, mixtures and taffeta, misses' sizes—reduced to \$15.00—wonderful values, SECOND FLOOR

DECEMBER DEMONSTRATION SALE

Women's Suits at Half Price



These Suits are taken right from our own stocks and a large number of attractive styles are included, both plain tailored and fur-trimmed. Materials are serge, tricotine, mixed and check woolens, shantung, wool velour, bolivia, broadcloth; black and colors. Many are in lightweight materials suitable for Southern wear, in sports styles. Every Suit included in the sale is marked at exactly half of the original price. The following is but a partial list of the reductions. None will be sent C. O. D. or on approval and all sales must be final.

Women's \$27.50 Suits for \$13.75 Women's \$38.00 Suits for \$19.00 Women's \$48.50 Suits for \$24.25 Women's \$55.00 Suits for \$27.50 Women's \$60.00 Suits for \$30.00 Women's \$80.00 Suits for \$40.00 Women's \$98.00 Suits for \$49.00 Women's \$125 Suits for \$62.50 Women's \$145 Suits for \$72.50 Women's \$198 Suits for \$99.00

DECEMBER DEMONSTRATION SALE Women's Coats at Half Price

Two of the large number of styles included are illustrated -there are many others fur-trimmed and plain, heavy and medium weight. Jersey Coats, Poiret Twill Coats, Gabardine Coats, Wool Velour Coats, Velour de Nord Coats, Plush Coats, Silk Faille Coats, Wool Check Coats. Of some there is but one of a kind and size, but of others practically all sizes. Every Cost included is marked at exactly half of the original price. None of these Coats can be sent C. O. D. or on approval, and all sales must be final-not subject to return or exchange. Here is a

partial list of the reductions: Women's \$29.50 Coats for \$14.75 Women's \$35.00 Coats for \$17.50 Women's \$40.00 Coats for \$20.00 Women's \$60.00 Coats for \$30.00 Women's \$75.00 Coats for \$37.50 Women's \$95.00 Coats for \$47.50 Women's \$125.00 Coats for \$62.50 Women's \$195.00 Coats for \$97.50



THIRD PLOOR

Joseph S. Darlington & C. Inc.