The United States Miller

MILWAUKEE, FEBRUARY, 1884.

DIRECT IMPORTATION:

Bolting Cloth, entering as it does so largely in successful flour making, has engaged our attention to a large extent for nearly FIFTY YEARS.

Our Experience heretofore enables us to determine what makes are able to meet the requirements of the miller.

WE HANDLE none but the genuine NOYE & DUFOUR Brands, and FULLY GUARANTEE both.

PRICES greatly reduced on both. Correspondence Solicited.

Rolls made up in a superior manner on the shortest possible notice, by patented machinery, giving a strength and durability not obtainable by any other method. Only the best of materials used for this purpose.

The Jno. T. Noye Manufacturing Company,
BUFFALO, N. Y.

GRAY'S NOISELESS BELT ROLLER MILLS.

STYLE B

FOR SMALL MILLS.

Send for Circulars and Prices.

E. P. ALLIS & CO.,
Solo Manufacturers,
Reliance Works, Milwaukee, Wis.

ODELL'S ROLLER MILL SYSTEM.

In now in successful operation in a large number of mills, both large and small, on hard and soft wheat, and is meeting with unparalleled success. All the spurs now running on this system are doing very fine and close work, and we are in receipt of the most flattering letters from millers. References and letters of introduction in part or using the Odeill Mills and System, will be furnished upon application to all who desire to investigate.

ODELL'S ROLLER MILL,
Invented and Patented by J. H. ODELL, the builder of several of the largest and best Gradual Reduction Flour Mills in the country.

AN ESTABLISHED SUCCESS

WE INVITE PARTICULAR ATTENTION TO THE FOLLOWING

**POINTS OF SUPERIORITY**

possessed by the Odeill Roller Mill over all competitors, all of which are broadly covered by patents, and cannot be used on any other machine.

1. It is driven entirely with belts, which are so arranged as to be equivalent to giving each of the four rolls a separate driving-belt from the power shaft, thus obtaining a positive differential motion which cannot be had with belt belts.

2. It is the only Roller Mill in market which was instantly stopped without throwing off the driving-belt, or that has adequate tighter desirable for taking up the stretch of the driving-belts.

3. It is the only Roller Mill which, cur movement of a hand-lever spreads the rolls upright and shuts off the feed at the same time. The reverse movement of this lever brings the rolls back again exactly into working position and at the same time turns on the feed.

4. It is the only Roller Mill in which the movable roll-bearings can be adjusted to and from the stationary roll-bearings without disturbing the tension-spring.

5. Our Corrugation is a decided advance over all others. It produces a more even garnetation, more middlings of uniform shape and size, and cleans the kernel better.

We use none but the Best ANSONIA ROLLS.

OUR CORRUGATION DIFERS FROM ALL OTHERS, AND PRODUCES

LESS BREAK FLOUR and MIDDINGS OF BETTER QUALITY.

Stillwell & Bierce Manufacturing Co.,
DAYTON, OHIO, U. S. A.
THE UNITED STATES MILLER.

THE LARGEST MILL FURNISHING ESTABLISHMENT IN THE WORLD.

RELIANCE WORKS,

EDW. P. ALLIS & CO., Proprietors.

MILWAUKEE, WIS., U. S. A.

SOLE MANUFACTURERS OF

GRAY'S PATENT

Noiseless Belt Roller Mills

WITH

Wegmann's Patent Porcelain Rolls.

Unexcelled for reducing Middlings to Flour.

Far ahead of Smooth Iron or Scratch Rolls and entirely superseding the use of Mill Stones for this purpose.

Read the Following Letters.

MENNON, P. F., Allis & Co., Milwaukee, Wis.

Gentlemen:—We are very much pleased with the whole eight set of Porcelain Rolls you put in our Mill. The two double sets sent us soon after starting up our mill last fall, we put in place of two run of stones for grinding our coarse Middlings.

We find the Flour from the Porcelain Rolls much more evenly granulated and much sharper and clearer than that we got from the stones, besides the second or fine Middlings are much better, being almost entirely free from grits and not so specky.

Yours Truly,

KIDDER BROs.

ALSO SOLE MANUFACTURERS OF THE CELEBRATED

REYNOLDS'S

CORLISS ENGINE.

Over 300 of these Engines in use.

These Engines are especially adapted for use in Flouring Mills—being unsurpassed in Simplicity, Durability and ECONOMY OF FUEL, and far ahead of any other.

Automatic Cut-off Engines.

Send for catalogue of Roller Mills, Flour Mill Machinery, Saw Mill Machinery, Reynolds' Corliss Engines, etc., etc., address:

Edw. P. Allis & Co. .

MILWAUKEE, WIS.

The following is a partial list of Flouring Mill owners who are using the Reynolds' Corliss Engines:

J. H. Lane, Finchesville, Wis.

Milwaukee, Wis.

E. V. Gifford, Milwaukee, Wis.

New Era Mills.

J. R. Hyland, Milwaukee, Wis.

Jesse Fox Mills.


Winona Mill Co.

A. P. Schmied, Archbold, Ohio.

Archbold-Schneider & Smith.

White, Litchfield & Co., Wausau, Wis.

E. W. Litchfield.

Milwaukee Mill Co.

A. G. Dexter.

Stout & Metz, Milwaukee, Wis.

Stout & Metz Milling Co.

R. L. S. Root.

Olle Troed, New Ulm, Minn.


C. McCann & Co. .

Garland & Milne.

Minneapolis Mill Co.

J. D. Green & Co.

C. L. Eleam, Wausau, Wis.

J. Schmaltz & Bro.

Garland & Molitor.

D. E. Milne & Co., Minneapolis, Minn.

Minneapolis Mill Co.

F. D. Green & Co., Milwaukee, Wis.

F. D. Green & Co., Minneapolis, Minn.

R. T. Tripp, Milwaukee, Wis.

D. E. Milne & Co., Minneapolis, Minn.

O. E. Fargo, Minneapolis, Minn.

R. T. Tripp, Milwaukee, Wis.

Eagle Mill Co.

Owen Co., Milwaukee, Wis.

Eagle Mill Co.

New Ulm, Minn.

Albert Wehman.

Graeb & Grondt.

Kersten Mill Co.

Frank & Probst.

Buxby & Brothers.

J. J. Simon.

J. J. Conley.

J. J. William.

L. A. Burdette.

E. H. Burdette.

W. C. Brubaker.

W. J. Clouse.

E. P. Vanderford.

R. G. D. Meade.

E. J. L. Andrews.

J. F. Korte.

W. A. Waite.

J. E. H. Whitney.

S. M. Miller.

D. E. Milne & Co., Minneapolis, Minn.

Two Rivers, Wis.

Fort Worth, Texas.

Niles, III.

Meredith, Minn.

Houghton, Mich.

Cushing, Minn.

Great Bend, Kansas.

Hamilton, Minn.

Mankato, Minn.

Waukegan, III.

Arlington, Minn.

Hutchinson, Minn.

Carpenter, Minn.

Topeka, Minn.

Jamestown, Minn.

South Bend, Ind.

Jeannette, Pa.

Data, Pa.

Dunnville, Wis.

Allentown, Pa.

Waukesha, Wis.

Warren, Minn.

Lincoln, Neb.

Sprague, Neb.

York, South Carolina.

Fargo, N. D.

Faribault, Minn.

Jefferson City, Mo.

Buchanan, Iowa.

Burlington, Iowa.

Brookfield, Ohio.

California, Ill.

Waukesha, Wis.

Kennebunkport, Maine.

Lincoln, Neb.

Cairns, Minn.

Florence, Minn.

Lincoln, Neb.

Brookfield, Ohio.
The youth and the mill stream.

[Written by Guinevere while on a visit to Switzerland.]

Prettybrook, gently blazing
In the forest of my heart.
Why so joyous in thy dwelling?
What's in thee that thou art so far?
How will our paths ever meet?

Briar.

I am a basket, loosely
Wandering at my will;
I cannot be caught or denied;
No, to resist me is to gain.

Briar.

The sun was seen to rise in the eastern horizon, surrounded by a heavy dark cloud, and not a sign of the sun was visible. Our gallant craft may be seen paddling leisurely.

The watch below is now called on deck, and the order given to start navigation. The tiller is put back, the tiller is put into the water, and the tiller is put into the water, and then the tiller is put into the water, and then the tiller is put into the water. This is done, and the tiller is put into the water, and then the tiller is put into the water. The tiller is put into the water, and then the tiller is put into the water.

[Written for the United States Mail.]

The storm, or the hardships of a sailor. (By W. H. F. Loomis)

The sun was seen to rise in the eastern horizon, surrounded by a heavy dark cloud, and not a sign of the sun was visible. Our gallant craft may be seen paddling leisurely.

The watch below is now called on deck, and the order given to start navigation. The tiller is put back, the tiller is put into the water, and the tiller is put into the water, and then the tiller is put into the water, and then the tiller is put into the water, and then the tiller is put into the water. This is done, and the tiller is put into the water, and then the tiller is put into the water, and then the tiller is put into the water.

For the signal craft is becalmed, and the order is given to start navigation. The tiller is put back, the tiller is put into the water, and the tiller is put into the water, and then the tiller is put into the water, and then the tiller is put into the water, and then the tiller is put into the water. This is done, and the tiller is put into the water, and then the tiller is put into the water, and then the tiller is put into the water.

Jellicoe.

Empress.

Roller.

Mills.

[Terms of a year in advance.]

[ مدينة وارنينج.]
IT IS FINISHED.

CAWDEN'S AMERICAN FLOUR MILL AND MILK FURNISHINGS' DIRECTORY FOR 1884

is this day, January 31st, completed and ready for delivery.

It contains 25,000 addresses.

It indicates in thousands of cases the capacity and power used.

It is the best trade directory ever published.

Its price to everybody is Ten Dollars per copy, without discount. Sent by mail anywhere.

All agreements made with Millers who aided us while preparing this work will be scrupulously fulfilled.

Address all communications to

E. HARRISON CAWDEN, Publisher,

10th and 11th Grand Avenue,

MINNEAPOLIS, Minn.

We have received a copy of the 1848 catalogue of the Edwards Haarman Mill Co., Middletown, Ohio, with the amplification of the United States..
A NEW PULLEY

He is a daring man who in these days writes "Now" upon any subject, and I do so advisedly. Not that the Fulton Steel Pulley is wholly and entirely the purchaser's, for its leading features are so novel, and the novelty so pronounced, that it is rather difficult to say quite fair to apply to it this oft-mentioned adverb of "not.

Let no wise man say, the moment be

a glance at this page. "I know a new pulley has been made. I reason therefore it will cause him great distress. And this is the result.

The patentees, Messrs. Harmon H. Fulton and Christopher Ober, both of Chicago, are to be congratulated. They have been fortunate enough to give the world a pulley that combines a number of advantages not heretofore distinctly realized or provided in a single mechanism. The fact of this pulley's having been patented, and will be soon carried on at three different points in the United States, is, to an appreciative mind, a timely opportunity to give the readers of The United States Miller a glance at the invention.

Before we figure 1 you will find a very excellent idea of the appearance of the pulley. It will be seen to consist of three parts—the rim, the centre and the hub. The rim and centre are of steel, while the hub is made of brass.

One great feature of the Fulton Pulley lies in the choice of the material for the steel. Every machinist will at once recognize the immense additional strength, durability and economy of brass. It may be laid on conscientiously, as long as the pulley is to be under the strain of the frequent use it must be subjected to, without any fear of fracture.

The corrogating of this brass is done by a process that has never been practiced before, the impression being made in one piece, the cost of the die and the labor of at least 10 years, and the work of many busy men. The surface of the die is made in the shape of an oblong, and the impression is made by the use of a soft copper die, which is afterwards hardened by the pressure of the brass. The impression is then cut off with a sharp blade, and the die is worked on the die-sinker's lathe. The die is then hardened and the brass is cast.

No account of the pulley is given at the figure 2, which is an illustration of the method of joining the various parts. This cut also shows the method of attaching the steel rod, and the arc of the pulley, excepting the head, is visible.

The pulley is made in several sizes and weights, and it is shown that the pulley in the cut, when so far treated and polished, is of the best possible quality.

Fig. 2 also shows the hub with its corre-

sponding parts nearly doubled the size of the belt, the grooves in the wheel, and the grooves in the belt.

A split pulley is also made under the Fulton Patents, and has been so well done that it has been repeatedly used by the best manufacturers, and is highly recommended for use in places where the space is limited.

The pulley can be made up to five feet in diameter, in the largest sizes a single die is used for a cast of all the parts, and the cost of the parts is placed at a very reasonable figure.

In conclusion, we desire to say that we have had in our possession several weeks, and we are well satisfied with the results. In every case the pulley has been made to the best possible advantage, and we can strongly recommend its use in all cases where it can be had. In this way it may be a great advantage to the manufacturer, and to the public.

The pulley, when made to the size of a 25-ton ship, will be found perfectly adapted to the requirements of the ship, and for use in the most severe services, and it will be found that the pulley is perfectly adapted to the purpose for which it is intended.

The pulley is made of the finest steel, and is perfectly adapted to the purpose for which it is intended. We have had in our possession several weeks, and we are well satisfied with the results. In every case the pulley has been made to the best possible advantage, and we can strongly recommend its use in all cases where it can be had. In this way it may be a great advantage to the manufacturer, and to the public.

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MILWAUKEE, FEBRUARY 8, 1883

We respectfully request our readers when they write to persons or firms advertising in this paper, to state that the advertisement is from the United States Miller. Your address must not oblige us, but the advertiser.

ONCE imported, 6,000 barrels of flour during the year 1882 is said to be much larger.

ENGLISH and French mills are thoroughly equipped to the necessity of making more and better flour, and are giving their milling engineers a regular "loom." They have had to do the same thing for years.

The February installment of our article on "Rigid Eye Milling," commenced in our January number, page 35, concludes from this. It will appear in our March number.

C. K. HEIDENREICH, late of the age of 37 years, naval officer, has purchased Mr. Thomas' interest in the present business, and he and Mr. Stone will hereafter run the plant as a team, and temporarily withdraw from the field of milling.

CHARLES ATWOOD, President of Wisconsin, Wis., one of the best navigators on the lake, has declared that he will speak at one of the articles to the United States Miller, during the coming months. The Capt. is a ready and accommodating gentleman.

The Miller has struck it rich in the matter of color for its cover. It is of a remarkable shade of golden corn. It is certainly strikingly handsome, and we are disposed to like it notwithstanding, and we don't suppose that it will be as popular with the public as long as the golden sheaves come in very late.

BRO. D. G. TAPPER, of the Miller's Journal of New York, was in the city recently and called upon us. We had a pleasant chat with him, and his reports will appear in a few articles to the United States Miller, during the following months. The Editor has returned home and is working hard to make it what it never yet was, a perfect success.

We have the pleasure to announce that we have secured the services of a well educated and accomplished gentleman to write a series of articles for the United States Miller. Like most thorough mechanics, he is extremely modest and is doubtful if he will write over his own name.

We have the pleasure to announce that we have received the publications, Houghton, Mifflin & Co. of Boston, Mass., the founder and publisher of Knights New Mechanical Instructor, to our $1.00 publishing firm.

This work is valuable as a book of reference for all teachers thinking of teaching a certain branch of agriculture, and consists of a series of articles on various subjects, and the author is doing it with great success.

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DUSTLESS GRAIN SEPARATOR

By Special Correspondent

The United States Miller.

A dustless grain separator, known as the "Dustless Grain Separator," manufactured by Johnson & Field, Buckeye, Ohio, has been introduced with considerable reputation as the manufacturers of one of the best fans and warmers in the market. The machine is the result of careful experiment and patient study, and is designed to fulfill a demand which has long been felt in markets where demand is always of a very high standard of quality and purity. It has been tested under the most favorable conditions and found to be the most satisfactory means of separating and purifying grain.

The separator is designed to work on the principle of aspiration, whereby the air is drawn through the grain, and the impurities are removed by the action of the aspirating fan. The grain is conveyed to the separator by means of a screw conveyor, and is then aspirated through a series of filters, which remove the dust and impurities. The purified grain is then collected and conveyed to the storage bin.

The separator is designed to work on a continuous basis, and is equipped with a powerful aspirating fan, which is capable of aspirating up to 100,000 pounds of grain per hour. The separator is also equipped with a system of air cleaners, which are capable of removing up to 99.9% of the dust and impurities.

INDIAN WHEAT

Changing the English Source of Supply from America to India.

A pamphlet, entitled "Changing the English Source of Supply from America to India," has just been published by a prominent London merchant. The pamphlet has attracted considerable attention on the part of the Bombay Chamber of Commerce, and is expected to have a profound influence on the commerce of the country.

The author of the pamphlet is a prominent merchant, who has been a leading figure in the Indian wheat trade for many years. He has been a close observer of the market conditions in India, and has been instrumental in bringing about a change in the source of supply from America to India.

The pamphlet argues that India is capable of producing wheat of a quality and quantity that is superior to that produced in America. The author contends that India has a much greater area under cultivation, and a much larger population that is capable of producing wheat. He also points out that India has a much lower cost of production, and a much higher efficiency in the production of wheat.

The author of the pamphlet also argues that India has a much better quality of wheat, and that it is a much healthier food for the English population. He argues that the English people are much happier and healthier when they eat Indian wheat, and that it is a much better quality food for them.

The pamphlet concludes by urging the English merchants to consider changing their source of supply from America to India. The author argues that it is a much better course of action for them, and that it is a much better quality food for them.

WHITE BREAD AND BROWN.

One of the most curious circumstances which has been noticed in connection with the diffusion of scientific knowledge is the readiness with which every one accepts and believes in anything that is said or written in the way of assumption or discovery. Nothing can be more absurd, for example, than the current notion of the failure of the British grain trade. Not only is this idea spread by every means of communication, but it is also spread by every means of publicity. The British grain trade is full of errors, and it is full of errors because it is not based on the principles of science. The British grain trade is not based on the principles of science because it is not based on the principles of economy.

Another error, equally unfounded with the former, is the notion that white bread is a food of a certain kind, and is therefore better than brown bread. This notion is not only unfounded, but it is also contrary to the principles of economy. White bread is a food of a certain kind, and is therefore better than brown bread because it is a food of a certain kind, and is therefore better than brown bread. The principles of economy are not based on the notion that white bread is a food of a certain kind, and is therefore better than brown bread because it is a food of a certain kind, and is therefore better than brown bread. The principles of economy are based on the notion that white bread is a food of a certain kind, and is therefore better than brown bread because it is a food of a certain kind, and is therefore better than brown bread.
If You Want a 50 Bbl. Mill—If You Want a 100 Bbl. Mill.

IF YOU WANT A MILL OF ANY CAPACITY

It will be to your Interest to confer with us before placing your order. We make more Machines that go in to a Roller Mill than any one firm.

We Make a Special Set of Machines FOR THE CAPACITY WANTED.

THE MILLER PAYS ONLY FOR WHAT HE WANTS.

WE ALSO MAKE

THE CASE PURIFIER

WHICH IS WITHOUT A RIVAL

in point of merit, occupying less floor space, and giving greater capacity and for less money than any Purifier made. For full particulars address,

THE CASE MANUFACTURING CO., COLUMBUS, OHIO.

Geo. T. Smith Improved Middlings Purifier

The Geo. T. Smith Purifier was the first successful Stone Purifier ever used in this or any other country. The demand for it has steadily increased from the day the first machine was started.

More than Seven Thousand are Running in the United States Alone.

Exclusive Features.

Patent Self-Regulating Feeding Device.
Patent Coll-Spring Eccentric Connection.
EASILY ADJUSTED.

ADAPTED TO ALL SYSTEMS OF MILLING.

FIFTEEN SIZES SUITABLE FOR MILLS OF ALL CAPACITIES.

Single, Double, and Aspirator Machines.

SPECIAL NOTICE.—The Geo. T. Smith Purifier is licensed under all patents owned by the Consolidated Middlings Purifier Co., and under every patent granted in the United States covering any features of value as regards the convenience, economy and efficiency of a Middlings Purifier.

[Please mention the United States Miller when you write to us.]
INDIA AND THE WHEAT SITUATION.

The facts set forth and conclusions drawn, based on the reports of the public officers in India and contained in a letter written by the Honorable Mr. M. S. P. A. Mathur, Minister of Agriculture, are a subject of a variety of comments by the press of this country, and much hurraich has been bestowed by the respect for this assertion.

Agriculture is the mainstay of the country, bar none. In the previous ten years, the resulting of the crop has been so significant that it has enabled the country to meet its needs and even export a substantial part of its produce. The reasons for this are varied, but there is no doubt that the agricultural sector has played a crucial role in the economic development of the country.

In the post-war period, India has continued to be a major producer and exporter of wheat. The country's agricultural policy has focused on providing subsidies to farmers to encourage production and ensure a stable supply of food. This has resulted in a significant increase in wheat production and exports.

The success of India's wheat production is attributed to several factors, including favorable weather conditions, modern agricultural practices, and government support. The government has implemented various initiatives to boost wheat production, such as providing seeds, fertilizers, and credit to farmers, as well as setting up state-owned grain boards to purchase wheat at guaranteed prices.

India's wheat export policy has also played a crucial role in increasing exports. The government has implemented a policy of incurring losses on wheat purchases to ensure that farmers benefit from a stable price floor. This has encouraged farmers to produce more wheat, knowing that they will be able to sell their crop at a guaranteed price.

The wheat export policy has been widely praised for its role in boosting the economy. It has not only helped in raising the living standards of farmers but has also contributed to the growth of the country's foreign exchange earnings. India has used the proceeds from wheat exports to finance its imports, thus enhancing its foreign exchange reserves and its ability to pay for essential goods and services.

In conclusion, India's success in wheat production and exports is a testament to the country's commitment to agriculture and its ability to harness modern techniques and policies to enhance food security and improve the standard of living for its people.
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The UNITED STATES MILLET

[Text continues with Paragraphs 1-3, discussing various topics such as agriculture, weather conditions, and economic factors.]

...that year were only 121,000 bushels, including all kinds of grain. But from that time there was an immediate rise, and by 1900, brought to us a total of half a million bushels of grain, small fruits, and vegetables. In 1924, or about four hundred years later, the population of the town had grown to over 1,500, and the vigor of manhood, with the clear vision of the "man of the future," saw the probable day when the town would become a great industrial center.

The report of the Chairman of the Ways and Means Committee of the Massachusetts legislature in 1860, by Hon. Samuel H. Ruggles, and a series of letters on internal improvements and public works, by Gen. John C. Calhoun, of Massachusetts, then temporarily a resident of the town, caused the town to re-entrench upon its own meditations on this vital question. The fact that the population of these gentlemen fell off in 1861 did not in the least detract from being considered extravagant and visionary, for their thoughts were destined to have a most consciousness of the great spirit of the age. The average depth of vegetables at this point in 1841. He set to work to create facilities for handling such crops, not only to prevent waste, but to increase which he saw must rapidly come.

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