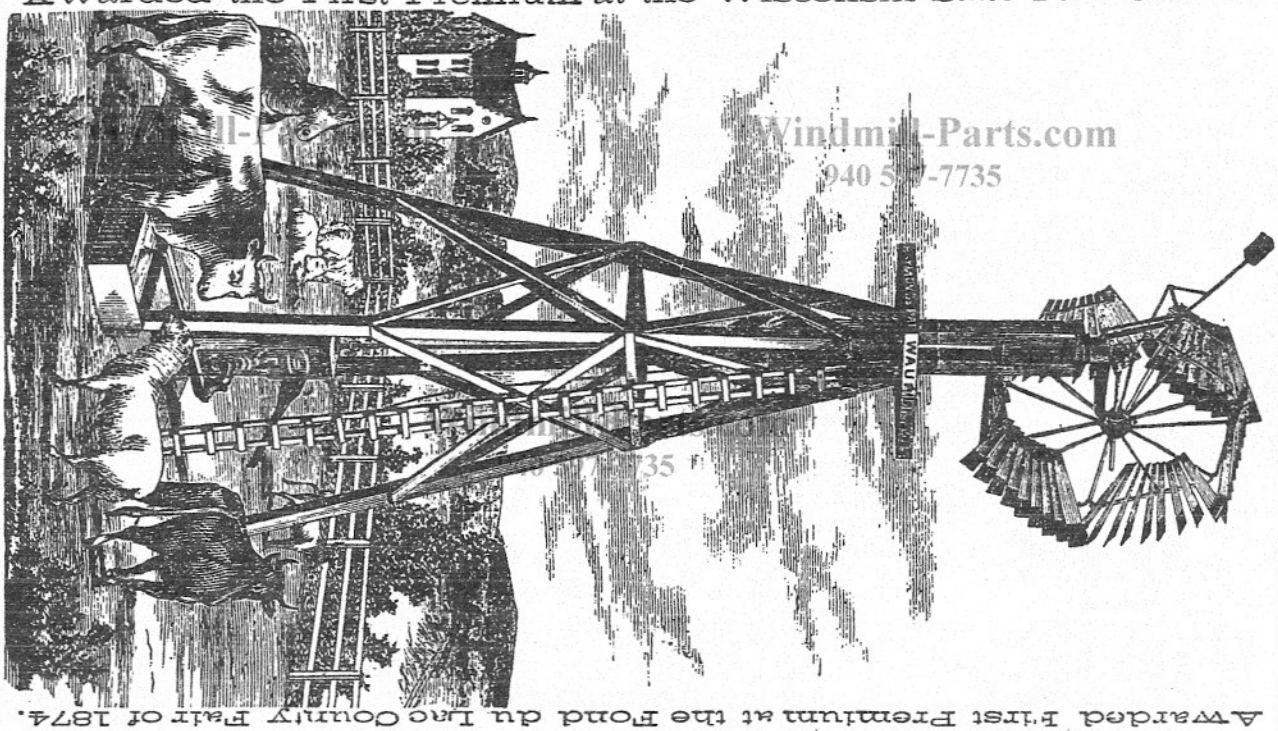
Awarded the First Premium at the Wisconsin State Fair of 1874.



Awarded First Premium at the Fond du Lac County Fair of 1874.

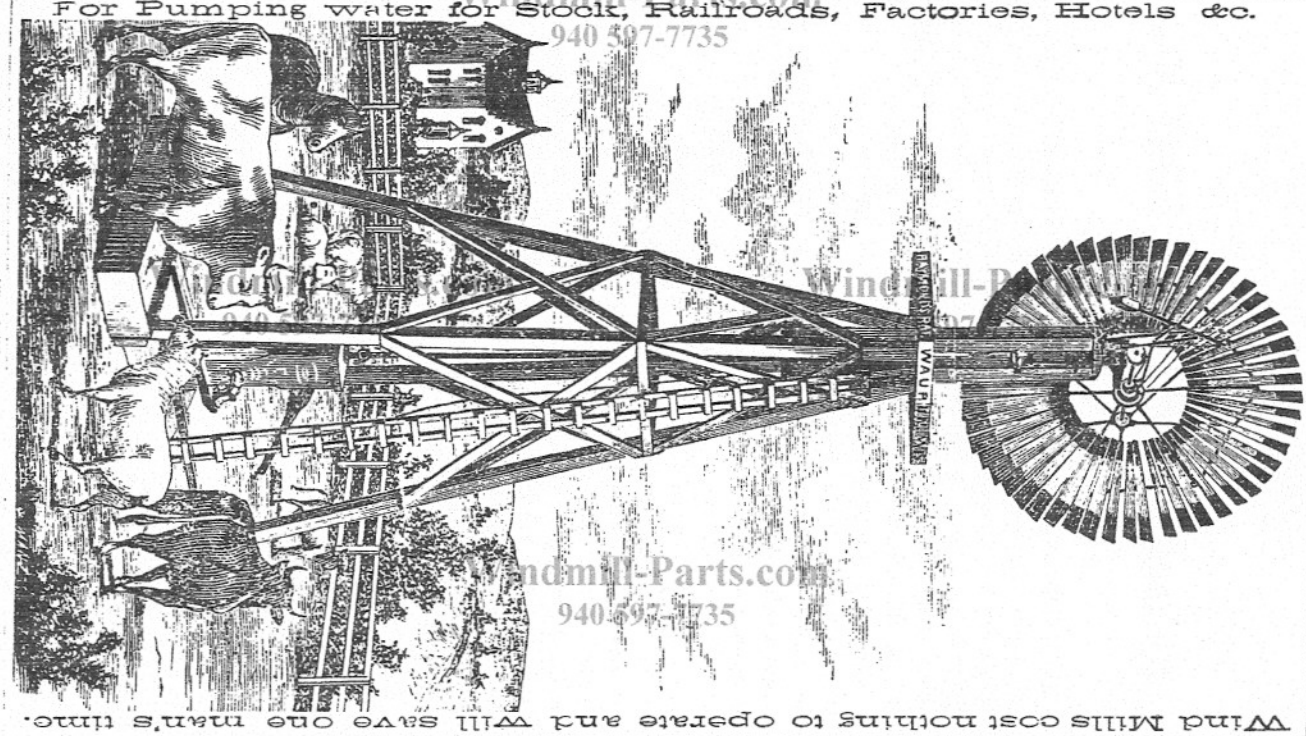
ALTHOUSE, WHEELER & CO., MAN'F'RS.
Waupun, Wisconsin.

ALTHOUSE & RAYMOND WIND MILL.
We Claim Superiority in all Important Points.

Awarded the FIRST PREMIUM for Mill for All Purposes, at the Missouri Grand Exposition, Sept. 1875.

Also the SILVER MEDAL for the Best Governed Mill.

For Pumping water for Stock, Railroads, Factories, Hotels &c.



Wind Mills cost nothing to operate and Will save one man's time.

ALTHOUSE, WHEELER & CO., MAN'F'RS.
Waupun, Wisconsin.

ALTHOUSE & RAYMOND WIND MILL.
Pat. February 4, 1874.

Awarded the FIRST PREMIUM at the WISCONSIN STATE FAIR of 1875.

THE

Althouse and Raymond Wind Mill.

In introducing our Wind Mill to the notice of farmers and others, to whom this cheap power will be useful, we mention only a few of the inconveniences which it overcomes, and of the advantages which it affords. In localities where these machines are known they are considered almost a necessity to every farmer, and are the cheapest of farm machinery.

For every large stock farmer a Wind Mill will save more than it would cost, every year. In many places even where the owners have good wells, because of the labor required to draw a sufficient supply from the well, stock are watered from marshes and stagnant pools, to the manifest injury of the animals. The injury to the health of the stock is not only felt in the pocket of the owner, but is very likely to be felt also by the consumers of the dairy products, although the connection between cause and effect may not always be apparent. Many farmers who have running streams or springs within easy reach, have dug wells and put up Wind Mills, thereby securing not only pure water, but a constant supply *just where it is wanted*, with little expense and no labor.

Where springs or streams are lacking, and a well and hand pump the only means of supplying water for stock, the time and labor required are a serious tax, and especially so, if wells are deep, and the stock to be watered, numerous.

But the time wasted and hard labor required do not constitute the only objectionable features of hand pumping. Every intelligent farmer knows that hired men and boys are careless or lazy, and even the owner himself is not always ready for the disagreeable task. In either case the stock will suffer—if not the actual disease which results from drinking stagnant water—at least such loss of condition as will convince the observant owner that *some means* of furnishing a constant supply of pure water will not only be a luxury to them, but a source of profit to himself.

WIND MILLS

Are not only useful and profitable for the supplying of water for farm stock, but are equally useful and profitable for supplying water for hotels, public buildings and private residences, affording a comfort and convenience which is rarely appreciated until it has been enjoyed. With a Wind Mill and force pump,

Ornamental Grounds can be Supplied with Never Failing Fountains

of pure cold water, and thus add greatly to their beauty, with a very trifling expense.

The common pumping mill can be attached to churns, washing machines and other light machinery, and the larger or geared mills, furnish, (without expense beyond the first cost,) power sufficient for running all ordinary machinery on a farm or in any small manufactory.

We have furnished several Mills for the purpose of

Irrigating Cranberry Marshes.

And there is no doubt that they will soon be extensively used in districts requiring irrigation for cultivation. The uses to which they are applied are constantly being multiplied.

We offer the Althouse & Raymond Wind Mill to all persons needing one for any of the uses mentioned, or for any other use to which Wind Mills are applied, believing it to be the best yet invented.

It is Strong and Durable in its Construction;

All holes are drilled, instead of punched; all parts are made to patern, and are interchangable.

It will pump water in a very light wind, much lighter (we think) than any other mill, and it will run with safety, and with no perceptible increase of spead, in any gale.

There is no danger of injury to the mill, whether in or out of gear, in any wind that is not strong enough to overthrow the frame.

It is not liable to be clogged by snow or ice, or to be deranged in any part by exposure to the weather.

It is Perfectly Self-Governing,

Maintaining an almost unvarying speed in light or heavy wind, thus avoiding any jerking or unequal strain on the mill or pump.

Next to the ability to do the required work, the most important parts in the construction of a Wind Mill are: that it shall be perfectly self-regulating; and able to take care of itself in a high wind. If it fails in these points, it is likely to soon tear in pieces itself, and the pump to which it is attached.

We think our Mills are unequalled in these particulars. They can be attached to almost any pump, and the ordinary pumping mill, with ten foot wheel, will raise water from any depth to which wells are usually sunk. Several of our mills are pumping water from wells that are from 180 to 200 feet in depth, and raising seventy-five to one hundred barrels of water per day.

We however recommend a 12 foot mill for wells over one hundred feet deep.

With a never failing well, one mill will pump a sufficient supply of water for a large stock of cattle.

SIZES AND PRICES.

Pumping Mill,	10	feet	wheel,	price	at	shop, $	.....
..	..	12	..	..	..	..	.....
..	..	16	..	..	..	..	.....
Geared	..	16	..	..	..	..	.....
..	..	22	..	..	..	..	.....
..	..	30	..	..	..	..	.....
..	..	35	..	..	..	..	.....

We keep constantly on hand the smaller size for pumping, or for other light work for which their motion is available, and are prepared to contract to furnish frames and put up the mill in running order within any reasonable distance of our shops.

The geared mills can be used for machinery requiring a rotary motion. We do not keep the large sizes on hand, but build to order, and furnish a competent mechanic to superintend their erection.

When desired, we furnish water tanks with pumping mills, and usually keep on hand a standard size—12 feet long, 30 inches wide and 20 inches deep. Larger sizes made to order.

We might give a long list of testimonials from persons using our mills, but prefer to publish the names and addresses of some of those who have had the mill a sufficient time to test its merits, so that any one interested, may by direct application obtain their opinions.

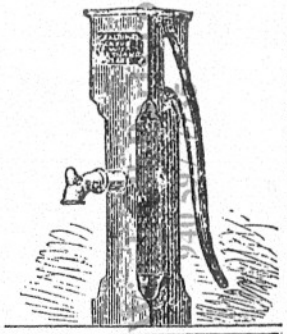
Names of some of the Parties using the Althouse & Raymond Mill.

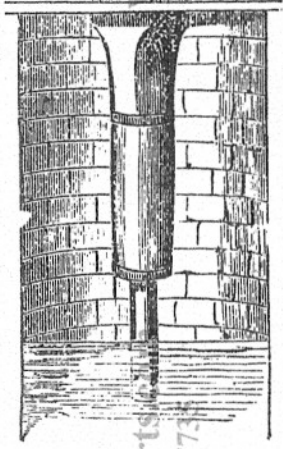
Rodo ph Birk.....Lomira, Wis.
D. B. Herrmann,.....Marcellon, "
Wm. Whittingham,..... "
Mrs H. E. Abernathy,.....Sun Prairie, "
Wm. E. Williams,.....Columbus, "
David Carson,.....Randolph Center, "
J. P. Husting,.....New Cassel, "
Leonhard Steets,.....Leroy, "
J. W. Seeley, ...Waupun, "
James McElroy,..... "
O. H. Atwell, ...Cherter, "
Wm. E. Scott,..... "
C. E. Town,.. ....Oakfield, "
D Bruins,.....Alto, "
Whitnall & Ellis, Florists, ...Milwaukee, "
C. T. Bradley, Bradley & Metcalf, " "
W. W. Hudson, Winooski, Sheboygan Co., "
N. C. Harmon,..... .....Sheboygan Falls, "
Chas. McLaughlin,.....Markesan, "
Capt. Barry,.....Empire, F'd du Lac Co., "
George Elzer,.....Beaver Dam, "
J. C. Hunt,..... "
John Corwith,..... .....Oak Grove, "
N. P. Nash,..... "
Dr. Ormond,.....Mil. & Racine Road, "
Martin K. Dahl,.....Waupun, "
Pound & Bingham,.....Chippewa Falls, "
P. M. Putnam,.....Ocononowoc, "
Wm. Wirt,.....Mackford, "
A. Wheeler,.....Pewaukee, "
J. H. Kimball,.....Kenosha "
R. Brown,.....Lisbon, "
N. Nelson,.....Stone Bank, "
A. B. Kellom,.....Beaver Dam, "
Thos. E. Randall,.....Eau Claire, "
W. Peck,.....Oconomowoc, "
John Ottis,..... Norway Grove, Dane Co., "
Youngs Halleck,.....Madison, "
H. Cornell,..... " "
M. L. Daggett,..... " "
A. L. Sweet,.....Sun Prairie, "
Henry Powell,.....Mazomanie, "
O. B. Daly,.....Perry "
Thos. O. Mallery,.....Westport, "
N. S. Park,.....Dayton, "
John Ketcham,.....Door Creek, "
Wallace French,.....Oak Hall "
C. Vesterman,.....De Forest, "
Wm. Fisher,..... " "
John Froggete,.....Ashton, "
F. Pilling.....Stockbridge, "
G. Luffman,.....Chilton, "
G. Russell,.....Merton, "
W. C. White,.....Kenosha, "
R. C. Houston,..... "
S. Warren,.....Hartland, "
H. Dockstader,..... Greenbush, Wis
Wm. Faust,..... .....Lodi, "
P. Gunnison,..... " "
D. Richardson,..... .....Fond du Lac, "
John S. Dore,.....Neillsville, "
C. C. Bayley,.....Waupun, "
M. Sherwood,.....Green Lake, "
J. J. Pellitt,.....Oconomowoc, "
W. Whiting,.....Waupun, "
Hiram Moore,.....Green Lake, "
Phelps Moore,.....Waupun, "
Chas. M. Hodge,.....Oakfield, "
Morgan Jones,.....Lake Emily, "
F. Moreland,.....Monterey, "
S. B Stanchfield,.....Fond du Lac, "
J. B. Carson,.....Greenbush, "
J Hayman,.....Oak Creek, "
W. Guthrie,..... .....Vernon, "
L. Cary, ...Armstrong's Corner, "
J Gagan,..... .....Morton, "
Dr. Youmans,.....Mukwanago, "
L Simmonds,..... " "
S. & M. Clemence,.....Monterey, "
C. Fuller,.....Rush Lake, "
Samuel Gibbs,.....Byron, "
Mr. — Appleton,.....Fairwater, "
A. F. Quick,..... .....Lamartine, "
A. H. Wilkinson,.....Metomen, "
Mr. —. Chapin,.....Randolph, "
W. R Williams,.....Manchester, "
Peter Allen,.....Waupun, "
David Ferguson,..... " "
Elias Kennedy,..... " "
Fred Habling,..... .....Trenton, "
Wm. Baizely,.....Green Lake Prairie, "
C. M. Holbrook,.....Manchester, "
J. H. Williams,..... Fox Lake, "
Jonah Foot,.....Markesan, "
H. Starr,..... .....Leroy, "
A. See,..... .....Markesan, "
Richard Vaughn,..... .Lake Maria, "
Chas. H. Johnson,.....Beaver Dam, "
Elizabeth Clement,.....Chester, "
Samuel Perry,.....Lake Maria, "
Wm. Shaw,... .....Mackford, "
A Halsted,.....Trenton, "
James F. McCellum,..... " "
Frank Colt,..... " "
Ira N. Mason,.....Mackford, "
Wm. Sargent,.....Brandon, "
Robert Graham,..... " "
A. Willard, ...Fox Lake, "
John Watts,.....Green Lake Prairie, "
Luther Butts,..... Waupun, "
John Hardy,..... " "
E. Hillyer,.....Waupun, "

A larger number of names could be given, but we deem the above sufficient for reference.

THE WAUPUN

Patent Premium Pump.





We continue to manfacture large numbers of the Waupun Patent Premium Pumps, which have been so long and favorably known to the people of the northwest that they hardly need description. We make several sizes of all wood pumps, and spare no pains to furnish the best wood pump in the market. The tops and tubing are of whitewood carefully selected, and the barrels or cylinders are of hard maple.

The *handle bolt* is driven through *head bolts* set in the wood, which prevents the rapid wear seen in those pumps where the bolt turns in the wood. These pumps are not surpassed by anything in use, for wells of 15 to 40 feet deep.

FOR DEEP WELLS.

We manufacture a deep well pump to which we invite especial attention. We guarantee it to work to satisfaction in wells of all depths to 200 feet. Some of them are now in use in wells of even greater depth, from which they raise water with surprising ease. We put these pumps into any well, open or drilled, where the hole is not less than three inches in diameter. They have extra long cylinders made for us. The iron pipe is attached to the wood top by a patented device. The handle is of extra length, and for very deep wells has a weight on the end to balance the weight of rods, and of the long column of water, and also has a babbitted box which works on a turned bolt. By this arrangement it works with little friction and is very durable.

We furnish a wind mill attachment, by which a mill can be attached to any of our well pumps, but reccommend a wind mill pump top, which is made with a handle that can be taken out in a few seconds, so as to be out of the way while the mill is pumping, and which can be as easily replaced.

All our pumps are supplied, free of charge, with Nudd's Patent Lateral Waste Valve.

Any information concerning our mills or pumps we will endeavor to give promptly, on application by mail or otherwise.

SIZES OF PUMPS.

No.		*Size of Top.*	*Diam. of Bore.*	*Length of stroke.*	*Capacity per min.*	*Depth of well.*
0.	Mammoth Pump, Maple Barrel,	7x8 in.	5¾ in.	10 in.	100 gals	10 to 16½ feet.
1.	Stock " " "	6½x7½	4½	9	70	15 to 20
2.	Common " " "	6½x7½	3½	9	35	15 to 50
3.	" (*shallow*) " " "	6½x7½	4½	9	50	15 to 25
4.	Barn Cistern " "	5x6	4¼	7	40	
5.	Floor " " " "	4½x5	3½	5	30	
6.	Churn " " " "	4½x4½	2		20	
7.	Deep Well " Iron Cylinder,	6½x7½	2 to 3½	9	15 to 30	to 250

Galvanized Iron Pipe for Deed Well Pumps, 1 inch and 1¼ inches.
Whitewood Tubing for wood Pumps, 4½x4½, and 4x4 inches.

MACHINE WORK.

We have a well stocked Machine Shop, with

COMPETENT MECHANICS.

and are prepared to do

IRON PLANING AND TURNING, ENGINE REPAIRS,

MACHINE WORK, AND REPAIRS GENERALLY

In connection with our wood working shop we carry on the manufacture of

FIRST CLASS BLINDS AND DOORS,

and furnish Moulding of a great variety of patterns.

Sawing, Planing, Matching and Turning done on Short Notice.

ALTHOUSE, WHEELER & CO.

WAUPUN, WIS., August 1, 1875.

Reproduced as a supplement to Windmillers' Gazette, IX, No. 4 (Autumn 1990).