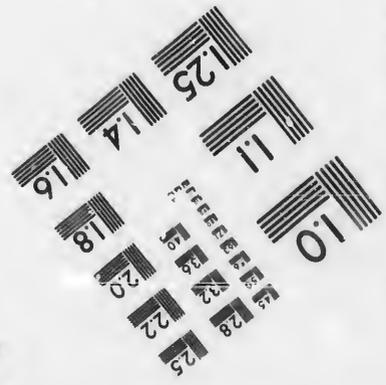
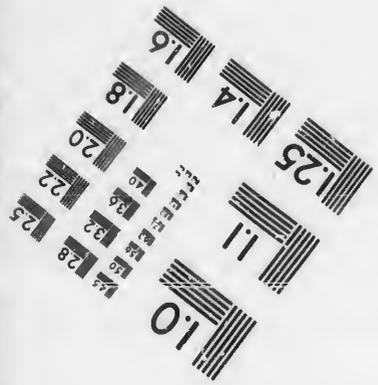
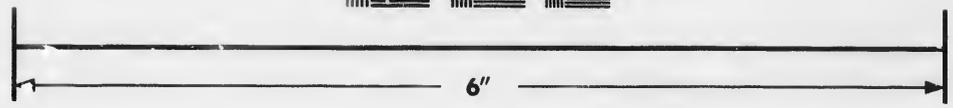
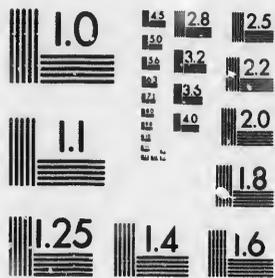


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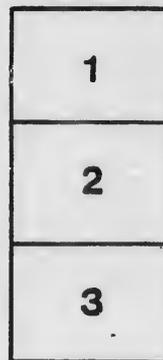
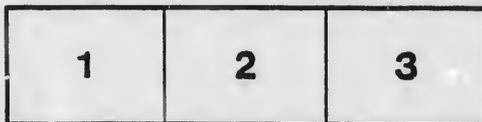
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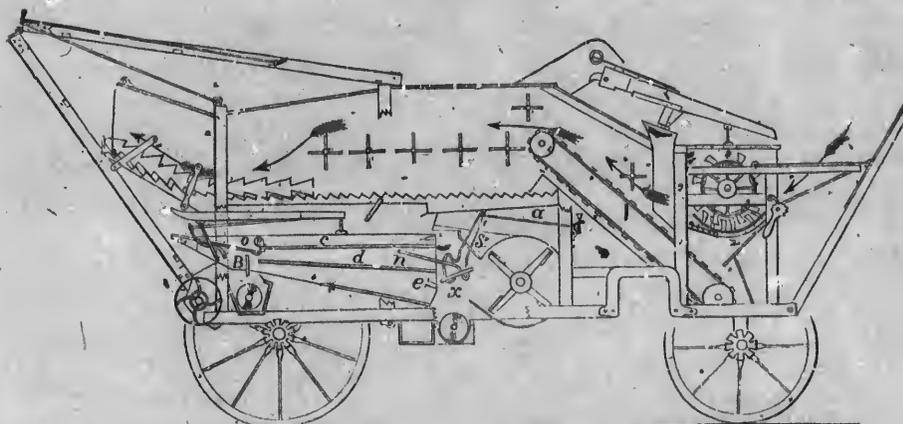
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The Joseph Hall Manufacturing Co.,

WORKS ESTABLISHED 1851. MANUFACTURERS OF

Miller's "New Model" Vibrating Thresher.

REAPERS, MOWERS, PORTABLE STEAM ENGINES, HORSE POWERS, CLOVER MILLS, &c.



SECTIONAL VIEW OF MILLER'S "NEW MODEL" VIBRATING THRESHER.

THE ONLY TRUE GRASS SAYER

Address all communications to

The Joseph Hall Manufacturing Co.,

OSHAWA, ONTARIO.

PRINTED AT THE OFFICE OF THE "ONTARIO REFORMER," KING STREET, OSHAWA.

TO FARMERS AND THRESHERMEN.

During 1882 we introduced to the Farmers of Canada Miller's "New Model" Vibrating Threshing Machine. A reasonable number of them were put in the hands of leading threshermen throughout the various parts of the Province, and the result was most satisfactory. During last year the demand for the "New Model" was much in excess of our ability to supply.

We claim that the "New Model" is superior to all other styles of Threshing Machines, that it is THE MOST PERFECT THRESHER, THE MOST PERFECT SEPARATOR, AND THE MOST PERFECT CLEANER EVER INTRODUCED INTO CANADA, THAT IT IS, IN FACT, THE ONLY TRUE GRAIN SAVER AMONG GRAIN THRESHING MACHINES.

The letters printed in this pamphlet, addressed to ourselves and to various newspapers throughout the country, by parties who have thoroughly tested the machine, sustain the very strong claims we have made for it.

We have purchased the exclusive right to manufacture this machine in the Dominion of Canada, and have spared no expense in constructing the machine in a strictly first-class manner.

We have no hesitation in saying that we can thresh two thousand bushels of wheat in fair condition without wasting to exceed one bushel.

We shall be pleased to supply prices and catalogues upon application, and to give all necessary information respecting the operation of the machine.

Yours very truly,

THE JOSEPH HALL MANUFACTURING CO.

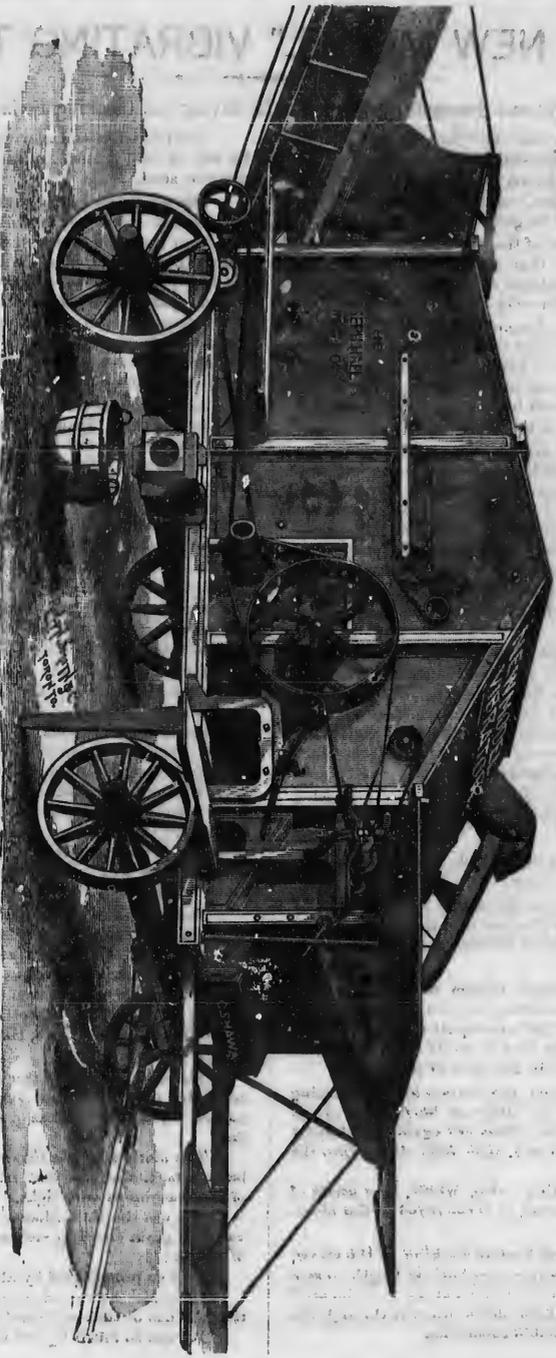
We claim and insist upon it that the New Model, when properly handled, will do more work, do cleaner work, save more grain, thresh, save and clean more seed, and show a greater net profit for both farmer and thresherman than any other machine made. The demand for the New Model is unprecedented wherever it has been introduced. Threshermen who can appreciate a first-class machine, and who want plenty of work at remunerative prices, are invited to compare our machine with any other in the market. Such comparison, if carefully made, will convince the inquirer of the great value of our Carrier—the only perfect remedy against choking ever applied to a Vibrating machine.

The feeder takes the brunt of the job, and he knows that there is a vast difference between machines in respect to ease and difficulty in feeding. Some machines are made with low cylinders, and purposely hard to feed, in order, if possible, to avert clogging behind the cylinder. This hard labor is made easier on the New Model than on any other vibrating machine whatsoever, all danger of clogging behind cylinder being obviated by our carrier. The short carrier has accomplished for vibrating threshers what was never done before, viz: made it as easy to feed, as free from choking, as rapid and certain in operation as any apron machine, besides being far more efficient both in saving and cleaning than any of the vibrator class that can be named.

The cut on the opposite page shows the Thresher with Stacker folded, ready for transport. The Stacker is easily folded or elevated into position for work by means of a crank. The fore wheels pass directly under the machine. A substantial decking protects the working parts. A belt tightener saves much time and insures reliable operation. Cylinder and crank boxes are brass. By means of a lever the feeder can place the concaves at any desired distance to do the best work, without stopping the machine. The feeder can instantly stop the motion of the whole machine behind the cylinder without arresting the power or the motion of the cylinder. This he is enabled to do by simply lowering the belt tightener pulley by means of the lever within easy reach. The boxes on crank shaft are provided with self oilers, so that a run of half a day can be made without stopping the machine to oil. All the other oiling places can be reached without stopping. All oil cups are protected by hinged lids. A screen in the down spout of elevator screens out any threshed grain that may be carried up, and admits it into the machine behind the cylinder, thus avoiding the breaking of grain. With this machine, wheat, oats, barley and rye are cleaned without changing riddles—an advantage over all other threshers. Two riddles are used, a coarse riddle above, and a finer riddle below. For threshing timothy, clover, and flax are furnished the finer riddles required in cleaning those seeds when specially ordered. They are extra.

MILLER'S "NEW MODEL" VIBRATOR.

FOR HORSE OR STEAM POWER.



THE MOST PERFECT THRESHER ! THE MOST PERFECT SEPARATOR ! THE
MOST PERFECT CLEANER IN USE !

MILLER'S "NEW MODEL" VIBRATING THRESHER I

The Most Effective and Successful Combination for Saving and Cleaning Grain ever constructed.

The principle upon which the "New Model" is built provides for the thorough threshing and hulling out of all the grain and seeds, and for its complete separation from the straw, and preservation, and for its separation from chaff and filth and delivery in good marketable condition.

Inasmuch as the system of the "New Model" is unique, differing essentially from that of all other machines, we print on the first page a sectional view which illustrates the main features of the machine very clearly.

The cylinder and feed-board are set high enough so that the machine is fed without fatigue or straining effort. We have no occasion to set it low, or otherwise difficult to feed, because the cleaning and separating capacity of the machine cannot be overloaded by any amount of grain that a set of hands can furnish to the machine.

During the past two seasons this machine has been largely and most successfully used in wet oats, flax, and the most difficult crops; also in clover and timothy, and with superior results in each instance. In damp, tough grain, the cylinder and concaves must be brought nearer together than at other times. The feeder can place them at any required distance apart in a moment, and without stopping. The feeder can thresh out all the grain without breaking any by adapting the machine to the conditions of the crop.

On leaving the cylinder the straw and threshed grain fall upon the carrier. This saves all the flying kernels of grain and prevents them from "shooting" into the straw again. This short carrier also does even more valuable service, in keeping the cylinder entirely clear, conveying the threshed straw rapidly away in a thin layer, from which the grain is easily and completely separated.

FIRST—By the grate, through the holes in which a large proportion of the grain at once passes and is conveyed to the shoe.

SECOND—By the grain web, which, in its rapid ascent, shakes the grain from the straw.

THIRD—By the fall from the carrier upon the gang of beaters, by which the layer of straw is entirely disarranged and everything in the shape of a bunch pulled apart, allowing the grain to fall below.

FOURTH—By the violent motion of the five gang beaters in whipping and buffeting the straw, tossing it at different angles, pulling the straws all apart over every inch of the entire surface, so that it would seem impossible for a single grain to be left in any part of the straw.

FIFTH—By the fall from the beaters to the vibrating table, where, owing to the different movements of the beaters and the table, the straws are again pulled apart and the grain remaining, if any, then falls down into the shoe.

SIXTH—By the vibrating table, where, by a series of upward and backward throws, it is conveyed to the elevated extension.

SEVENTH—By the gang beaters working off the straw, leaving the vibrating table free over half its length to separate out the grain from the broken straw and fine stuff which, with the grain, falls down upon it through the beaters, being, in fact, a double separation.

EIGHTH—By the elevated extension, which rises up by way of final protest against the loss or waste of a single grain or seed.

The advantages of our system are obvious. If a bunch or layer of straw receives a given number of impulses or shakes in the same direction or relative position without changing or disarranging the layer, the grain cannot possibly be separated out so thoroughly as when the straw is pulled apart again and again, and all portions of it subjected equally to the separating processes. Other vibrating machines simply vibrate, the flow of straw being so little broken or disarranged that considerable grain must necessarily be carried out which might otherwise be saved.

Another great advantage of our machine over other vibrators is this: Instead of admitting the grain down on the riddle over its full length, the New Model brings the grain back, by a return shoe, to the front end of the riddle, where all the mingled grain and chaff gets the full benefit of the fan blast. Thus nearly all the chaff goes out at once, and nearly all the grain goes through, greatly reducing the work to be done by the riddles, and leaving them free to do that work in the most perfect manner.

By the aid of devices peculiar to our machine the fan furnishes both an over blast and an under blast, moving the contents off the riddles freely, preventing choking and cleaning the grain in splendid shape.

How completely and thoroughly the grain has been taken out of the straw, and how well it has been cleaned by the application of all the means we have described, we may safely leave all good threshermen to decide for themselves. Guided by our illustrations they will have to concede that the variety and effectiveness of the methods applied by the New Model for separating and cleaning grain have never yet been presented in any single machine. We can assure them, and we will assure every purchaser, in the most ample and satisfactory manner, that the operation of the machine will most fully justify every claim we have made for it.

This machine is made to last, as every good machine must be. All violent movements are counterbalanced, and the motions of the machine at work are smooth, even, and uniform. The purchaser of the New Model may fairly count upon having the longest lived vibrating machine in the market, for in respect to smoothness of running, upon which durability chiefly depends, there is none in the market to compare with it.

The arrangement of the beaters is such that they are not liable to wrap in flax, wet oats, and crops of a similar nature. The machine has given unbounded satisfaction in flax.

The motions of the Shoe and of the Vibrating Table balance each other, so that no power is lost, and the draft of the machine is very light.

We use the End Shake Shoe, and consider it a most valuable grain cleaning and saving apparatus for a number of reasons:

It is so pronounced by all who have used it.

It furnishes so much more separating capacity, admitting the use of such wide and long riddles.

It runs so much lighter and quieter.

It obviates the side shaking and waste of power.
 It saves the necessity of screwing up wheels, and of
 braces to keep the machine from swaying from side to side.
 It cleans itself so thoroughly, saving all poking and
 choking.
 It is immensely superior to other shoes in flax, time-

thy, and clover seeds.

This Shoe is one of the characterizing advantages of
 the New Model, which has contributed largely to its great
 reputation.

Nothing about the New Model requires regulating ex-
 cept the concaves, wind board and speed.

THE OSHAWA ENGINE.

*The Most Simple, Durable and Economical Agricultural Engine in Canada, Locomotive
 Boiler, Steel Boiler Plates, Perfect Spark Arrestor.*



Every Engine Thoroughly Tested with Cold Water and Steam Pressure to 125 lbs. per Square inch.

It will be seen by our Engine illustration that we construct our boilers on the locomotive principle (the best in the world.)

This year we are making the shells of the very best steel plate. Each boiler will be Tested by hydraulic and steam pressure to 125 lbs. per square inch, before leaving the Works.

Our Engine will be fully 12 horse power; has a fire-box 24 by 36 inches long; 38 flues, each of 72 inches long, 2 1/2 diameter; cylinder, 7 inch bore, 12 inch stroke; fly-wheel, 48 inches diameter by 8 inches; face turned and balanced. Our trucks are the best in use, with wrought-iron spokes, so that there will be no shrinking of either spokes or fellows from the heat of the boiler. The weight of the engine complete on trucks is about 4,800 lbs.

The speed of the Engine is adjustable to 180 revolutions per minute, but it can be increased or decreased at pleasure. The pulley on cylinder shaft of threshing machine should be 7 1/2 inches in diameter.

We will furnish the "McKenzie Spark Arrestor" this year. We have thoroughly tested it, and consider it first-class. The two principal points gained by the Arrestor is:—First, It does not interfere with the draft; and, Secondly, It is a perfect Arrestor.

Another very important matter that we wish to bring before the notice of intending purchasers is, that each or any part of our Engine can be supplied with duplicate parts, and thus save the trouble and expense of bringing the Engine to a machine shop should you want it repaired. Thoroughly examine the Oshawa Engine. For simplicity and power it has no equal.

ONTARIO COUNTY.

No Winding, no Choking, and no Grain carried over with
the New Model.

Greenback, Township Reach, Oct. 26th, 1883.

To the Joseph Hall Manufacturing Company.

GENTS.—In regard to the 33 inch New Model Separator and 10 horse Down Pitts Power, which I purchased of you in July, I beg to say that, as a thrasher, separator, and saver of grain, nothing can equal it. I have been threshing for the past twelve years and this is the best machine I have ever used. It gives great satisfaction to all my customers. I have fifty days work ahead yet, and have been threshing steadily ever since I took the machine from your shop. There has been a great deal of damp grain this year which has made threshing hard work, but the New Model has given such great satisfaction that it has been a pleasure to thresh. No winding, no choking, no grain carried over, no winding of the straw, no waste of grain, and the grain has been cleaned fit for market. There is no machine equal to the New Model that I know of.

Yours truly,
GEORGE O'LEARY,

Myrtille, Oct. 2nd, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTLEMEN.—The New Model Vibrating Thresher I purchased from you this season has given me the utmost satisfaction as a thrasher. Threshes all kinds of grain faster and with more ease than any machine I ever saw; separating the grain from the straw in a perfect manner and cleaning the grain fit for market; in fact, it is the best machine I ever saw run.

Yours very truly,
F. L. BROWN.

The New Model as a Pea Thresher.

Township Pickering, Nov. 1st, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTS.—I have been threshing peas with my New Model Vibrator, bought from you last season, and it is a perfect success. I took out the lower sieve, leaving in only the large sheet iron sieve, with holes punched in, and then put in the new Extension, with round holes in, which you furnished me.

I then took out all the concave teeth but one row, and have threshed the most delicate kinds of seed peas to the entire satisfaction of my customers.

There is no choking or winding anywhere about the machine, and no difficulty in anyway threshing peas; in fact, it is the most successful thrasher I have ever operated.

Yours respectfully,
WILLIAM COWAN, Audley P. O.

Columbus, Dec. 7th, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTS.—The 30 inch New Model Vibrator that Mr. Dryden and I purchased from you is giving us entire satisfaction. It is easy in draught, threshes clean and quickly, and we believe that it is as good a machine as possibly can be made for the purpose. Any person wishing to hear anything further about the New Model Vibrator, we will gladly give them any information they desire.

Yours truly,
SAMUEL HOLMAN,

A great step in advance of other Machines.

Taunton, Dec. 12th 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTLEMAN.—We have now thoroughly tested our New Model Vibrator and Ten Horse Pitts' Power which we purchased of you during this season, and are pleased to say that it gives us unqualified satisfaction. It threshes the grain out of the straw completely, and saves every kernel of it more successfully than any other machine we have ever seen or used. It cleans the grain almost fit for market. In this respect it is surprisingly ahead of all other threshers and cleaners. It is light on the horses; does not get out of order; easily managed; and in all respects is a great step in advance of other machines. You are at liberty to refer any one to us who desires to know our opinion of the New Model. We purchased the machine almost entirely for the use of ourselves and a few neighbors, and are well pleased with our purchase.

Yours truly,
WILLIAM LANDER,
JOHN LANDER.

Cambridge, Oct. 1st, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTLEMEN.—Mr. McBride's New Model Vibrator arrived in good order. I set it to work at once, although I never saw any of them work before. I had no trouble in starting it. It works grand. I do not see that there is any need of sending a man to start a machine, as everything goes off like a top.

Yours respectfully,
ALEXANDER McNEIL.

Read what one of the Most Successful Threshers East of
Toronto says Regarding the "New Model."

Taunton, April 17th, 1882.

F. W. Glen, President Jos. Hall M'fg Co., Oshawa, Ont.

DEAR SIR.—In reply to your enquiry as to how I like the "New Model Vibrator," I would say—First rate. I have threshed for the past twenty years, and have had more or less to do with all the threshers manufactured in Canada, but I never met anything like your "New Model." In the first place it is more than one team less draft—and it makes no difference how you feed, nor in what condition your grain is in, you cannot choke it—the shoe is grand for cleaning and separating. I believe it has no equal. It is all our American friends claim for it.

Yours truly,
THOMAS SCOTT.

To the Editor of the Observer.

DEAR SIR.—I noticed in your last issue an article in reference to some big work of threshing done by the Messrs. Robinson with their steam machine. I think I can give you something better, as I am informed by Messrs Crozier and McCracken that on Friday last they threshed 27 big loads of peas in two hours and a half. They also threshed out a thirty by forty foot barn filled with wheat as full as it would hold in the short space of four hours and a half. The machine used was a 33-inch New Model and engine made at the Joseph Hall Works, Oshawa, and only carried 60 lbs of steam while doing the work, while the one used by the Messrs. Robinson was a 36-inch made by the Hagarst Company of Brantford.

Yours truly,
JOHN HOWARD.

ONTARIO COUNTY.

Mr. J. Dryden, M.P.P. on the Merits of the New Model.

Brooklin, Ontario County, Dec. 13th, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

We are highly delighted with the New Model Vibrator purchased from you this season. It runs smooth and easy; threshes perfectly; separates thoroughly; and the fanning mill does its work so completely that it cannot be excelled. It is just the machine for the farmers to buy because it is so easy to control. It is comparatively free from dust, there can be no waste of grain, and it is bound to do good work under every circumstance. We heartily congratulate you on the introduction of so complete a separator, a great boon both to threshers and farmers. Very truly yours,

JOHN DRYDEN, M.P.P.,
SAMUEL HOLMAN.

"With the construction of the screens, vibrating motions and other attachments I think it utterly impossible for any grain to be wasted."

Prince Albert, Dec. 18th, 1882,

To the Editor of the Port Perry Standard :

SIR,—I desire to call the attention of the farmers of this vicinity to a new threshing machine made by the Jos. Hall Manufacturing Co., of Oshawa, called the New Model Vibrator. Mr. Joseph Vickery bought one of these threshing machines, and threshed for me four days this winter, and gave me entire satisfaction. With the construction of the screens, vibrating motions and other attachments, I think it utterly impossible for any grain to be wasted, and am fully convinced, in my own mind, that it has saved me double the price of threshing in the saving of grain this season. It cleans the grain perfectly and threshes very rapidly. It is the most perfect thresher I have ever seen or used. It is a real grain saver.

Your truly,
JOHN McDONALD.

As far as a Perfect Thresher, Separator and Cleaner is concerned it is as near perfection as we believe a machine can be made.

Pickering, Feb. 12th, 1882.

To the Editor of the Pickering News :

DEAR SIR,—Last harvest we purchased of the Jos. Hall Manufacturing Company one of their "New Model" Vibrator Threshing Machines, and worked it all the season. As a thresher, separator and cleaner it has no equal. It threshed and cleaned barley quite fit for market, and the waste of grain is insignificant. We believe there is no machine that will so completely separate the grain from the straw as the "New Model." We had all the work we could do from the beginning to the close of the season, and gave our customers the very best satisfaction. The machine is light in draught, runs very steadily, is well made, highly finished, and, in all respects, a most desirable machine for the thresherman as well as for the farmer. As far as a perfect Thresher, Separator and Cleaner is concerned, it is as near perfection as we believe a machine can be made. It threshes very rapidly, does not clog in any kind of grain, and feeds very easy. Please give this letter an insertion in your valuable paper, and accept our best thanks.

Yours very truly,
WM. FRANK,
WM. MORRIS.

"The ordinary Vibrator soon wears itself out and is not a rapid Thresher, and instead of being a Grain Saver is a Grain Waster." This is J. Vickery's opinion after 30 years experience.

Reach, January 8th, 1883.

To the Editor of the Port Perry Standard :

MY DEAR SIR,—A short time ago I noticed a letter in your paper from Mr. John McDonald, respecting the "New Model" Vibrator threshing machine with which I did some four days' threshing for him. I have been using threshing machines for the past thirty years, in fact, from my childhood, as my father was one of the first in this vicinity to purchase a machine of the late Jos. Hall, in Rochester, N. Y., and I have been threshing constantly every season since. The "New Model" is entirely different from any other vibrator I have ever seen. The ordinary vibrator soon wears itself out and is not a rapid thresher, and instead of being a saver is a grain waster. The old Hall separator was a great machine in its day and well handled it still one of the best machines in the market, but in my opinion the "New Model" is a long step in advance. It feeds very easily; takes the straw as fast as it can be fed to it; it will not choke in any kind of grain. The straw is so thoroughly shaken up before it leaves the machine that all the grain is separated from it. The fanning mill is so large and well arranged, and so easily and perfectly adjusted that it cleans the grain better than any fanning mill I have ever seen. The parts are evenly balanced so that there is no vibration when the machine is working, and no necessity for bracing the machine more than to put some blocks under the wheels of the truck upon which the machine stands. It requires less power than any machine I have ever used.

Although I had never seen one of these machines work when I purchased mine, I had no difficulty in starting it and adjusting the several parts to the work. I know of no other machine which threshes as rapidly, separates the grain from the straw as thoroughly, and cleans it so perfectly as the "New Model." The Joseph Hall Manufacturing Co., who tested the machine in a most thorough manner, claim that it will thresh two thousand bushels of wheat without wasting to exceed one bushel. From my experience I have no hesitation in saying that I think the machine will justify this statement.

Yours very truly,
JOSEPH VICKERY.

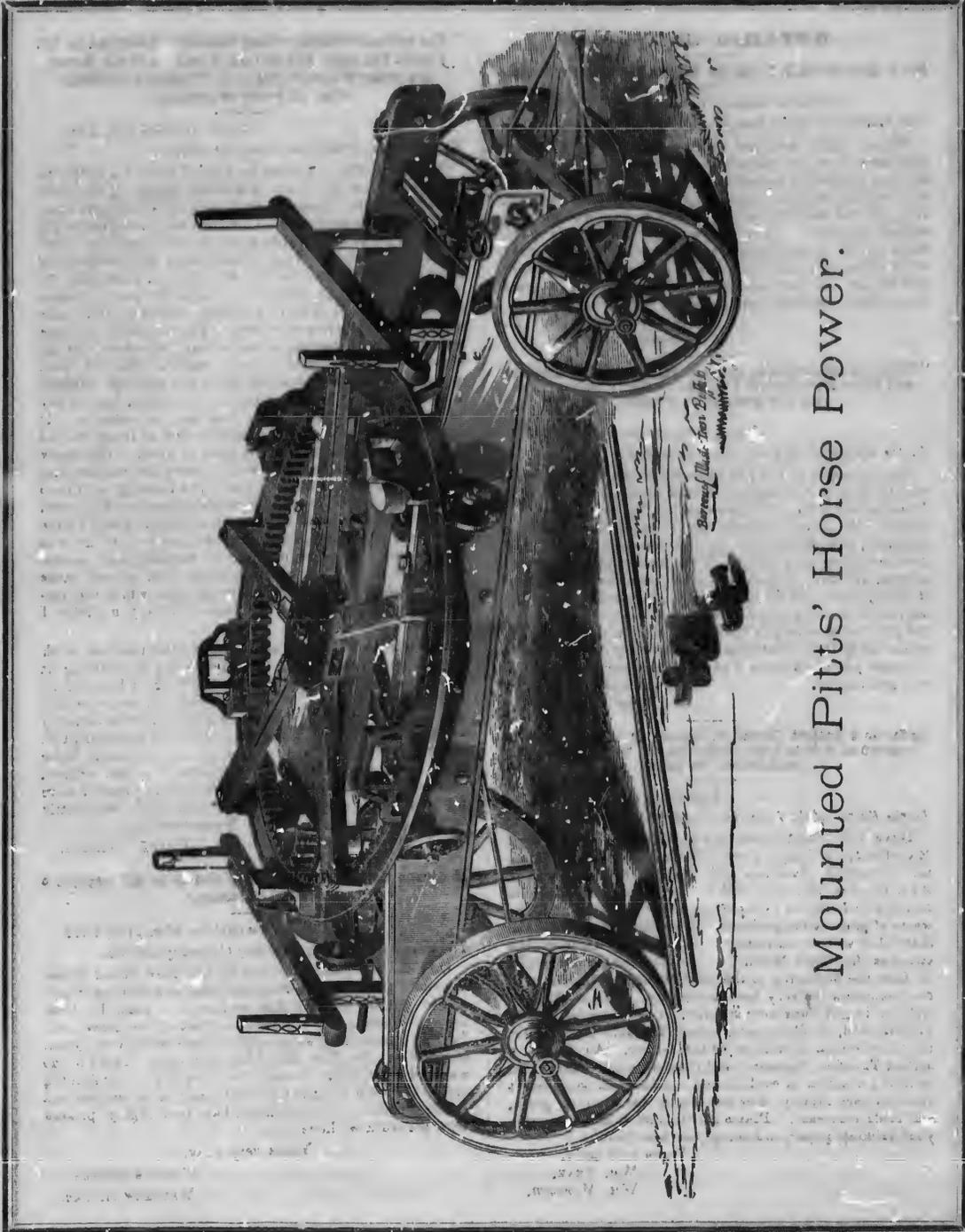
It Cleans the Grain Splendidly and is in all respects a Model Thresher.

Cartwright, Dec. 11th, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTS,—We have given our 33 inch New Model Thresher and Power a good testing and have no hesitation in pronouncing it the best thresher we have ever used. It threshes very rapidly, takes the grain all out of the straw and delivers it into the fanning mill. There will be no green stacks where the New Model has been used. There is no waste of grain either through the straw or over the fanning mill. It cleans the grain splendidly and in all respects is a model thresher. Our customers have been highly pleased with the work we have done.

Yours very truly,
WILLIAM SPINKS,
MATTHEW SPINKS.



Mounted Pitts' Horse Power.

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VICTORIA COUNTY.

The New Model Vibrating Thresher.

Mariposa, Sept. 29th, 1883.

Joseph Hall Manufacturing Company, Oshawa. :

GENTS,—The New Model Vibrator I bought from you through your agent, E. Walker, is the best Thresher I have ever used. I have been threshing over thirty years; have had eight threshing machines before, but the New Model is the best I ever have handled. The farmers I threshed for fairly admire the working of the machine, to see the complete separation of the grain from the straw, cleaning it fit for market, and taking all the small grain out at the same time. I have no hesitation in saying that there is nothing can equal it. Yours truly,

RICHARD MARKS.

"Have been threshing for the past 18 years and the New Model is the best one I have ever seen or used."

Ops, January 9th 1883.

To the Editor of the Canada Post :

SIR,—A short time ago I purchased a new threshing machine called the New Model Vibrator, made at the Jos. Hall Works, in Oshawa, of their agent, James Fleury. It is the only machine of the kind in this vicinity. I bought it upon a guarantee given me by the Company that it would give me entire satisfaction. I have now thoroughly tested the machine and am entirely satisfied with it as a thresher, a separator and a cleaner. It is easy on the team, threshes rapidly, not liable to choke in any kind of grain, separates the grain thoroughly from the straw, and cleans it better than any other machine I have ever seen. I have seen all kind of machines, and have threshed myself for the past eighteen years, and the "New Model" is the best one I have ever seen or used. Yours truly,

THOMAS WETHERUP.

Ops, January 9th, 1883.

I have been so well pleased with the working of the above machine that I have purchased a share in it.

W. CURTIS.

Important Letter from an Ops Farmer.

Forty Bushels of Cleaned Barley Saved from Re-threshed Straw.

Ops February 18th 1883.

To the Editor of the Canadian Post :

SIR,—Please allow me space in your valuable paper to make the following statement which I know will be of interest to all my farmer friends who read your journal. I employed a threshing machine to thresh my grain on the 26th day of January. It was manufactured by J. Abell, of Woodbridge. On February 6th I employed Messrs. Wetherup & Curtis to finish my threshing with a "New Model" Vibrating threshing machine, manufactured by the Jos. Hall Manufacturing Co., of Oshawa.

Messrs. Wetherup & Curtis re-threshed part of the straw and chaff threshed by the Woodbridge machine, and took therefrom thirty bushels of clean barley.

This "New Model" Vibrator is the most perfect thresher separator and cleaner I ever saw.

Yours very respectfully,

DAVID GREY,

2nd Con. of Ops.

PERTH COUNTY.

Milverton, Oct. 11th, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTS,—I can say truly and candidly, putting aside all bias, that the New Model is the best machine I ever ran. It takes well around here, cleans so good, and is in every way satisfactory. Yours truly,

WILLIAM COXON.

St. Marys, Dec. 13th, 1883.

E. O. Felt, General Agent Jos. Hall Manuf'g Co., London.

DEAR SIR,—The New Model Thresher and Oshawa Engine which we bought from your agent, Jno. Fitzsimmons, is all that you claim for it. The farmers are surprised at the way she cleans the grain. No necessity for a fanning mill while she is around. We can truly and honestly endorse the statement which other threshermen have sent you. Words fail to express our surprise at the work she does, she cannot be beat. We have used a number of machines and consider the New Model ahead of them all, and would recommend intending purchasers to examine the "Model" before purchasing. Yours truly,

JOHN LANE,

JAMES MOORE.

"It takes Splendidly Around Here—It Fans the Grain so Clean that it is really Fit for Market."

Milverton, Feb. 12th, 1883.

Editor Stratford Beacon :

RESPECTED SIR,—Please allow me a little space in your valuable paper to inform my farmer friends as to a new threshing machine which I have lately purchased called the "New Model" Vibrator, made at the Hall Works in Oshawa. I have tested it this winter and desire to say that it is, without doubt, the very best machine I have seen. It takes splendidly around here. It fans the grain so clean that it is really fit for market. I never saw anything like it. It threshes and separates beyond my expectations. The waste of grain is reduced to the lowest possible point, in fact, does not amount to anything. It is the greatest grain saver I have ever seen; threshes rapidly, is easy on the horses, runs very steadily, all the parts being perfectly balanced, and I see nothing in it to get out of order, or to wear out. I have had a good deal of experience in threshing machines and saw, without the least hesitation, that the "New Model" Vibrator is the best thresher, separator and cleaner made in the country. The machine is well made and well finished. Thanking you for the opportunity of informing my farmer friends of the merits of this machine. I am, Sir, yours truly,

WM. COXON.

WELLAND COUNTY.

Black Creek, Nov. 13th, 1882.

F. W. Glen, President Jos. Hall M'fg Co., Oshawa, Ont.

SIR,—I thought I would write to you and tell you how I got along with the "New Model" Thresher I got of you last summer. I will tell you the truth, and nothing but the truth—the machine has given perfect satisfaction wherever I have threshed. I could not begin to thresh for all who wanted me, and could have had jobs enough for two machines if I had had them. The farmers whom I have threshed for say the "New Model" is the only perfect machine they had ever threshed for there.

Yours truly,

JOSEPH SYER.

LEEDS COUNTY.

GAMANOQUE, Jan. 19th, 1884.

Mr. J. E. Stacey, Agent Jos. Hall Mfg Co., Warburton.

DEAR SIR,—In reply to yours of 12th inst., asking how we liked the New Model Thresher we bought from you on trial, we must say that it is the best thresher and cleaner in the county of Leeds; threshes all the grain out of the straw, and cleans all kinds of grain fit for market. All the parties we threshed for say the New Model is the best thresher and cleaner that ever came into this part of the country. We will recommend all parties intending to buy to buy no other. We remain,

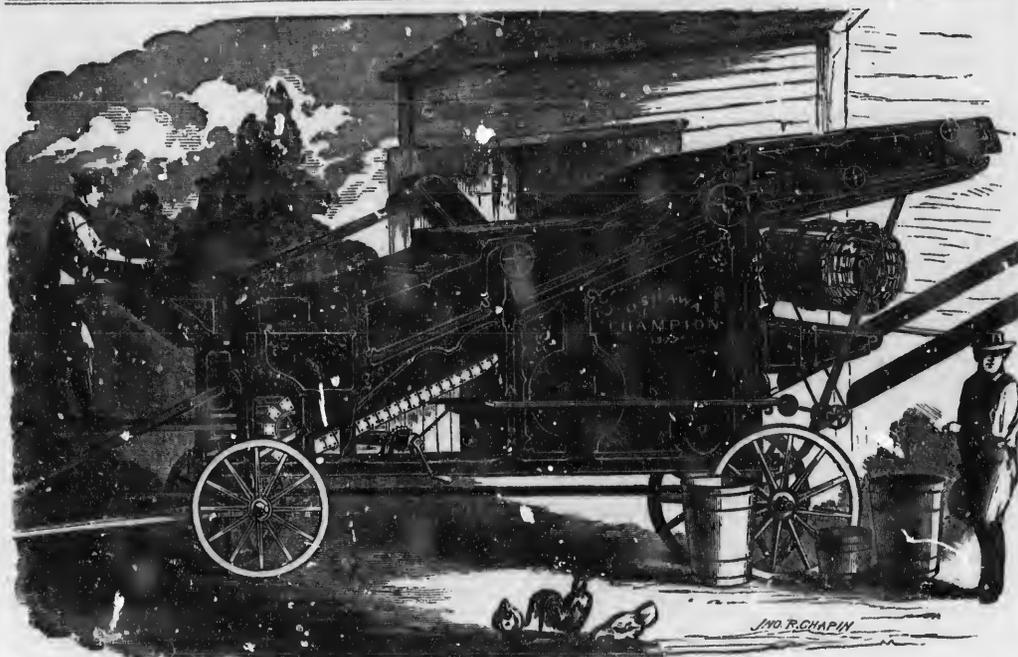
Yours truly,
JOHN BAILE,
LAWRENCE BAILE.

THE NEW MODEL THERESHER.

ANOTHER COUNTY HEARD FROM.

We clip the following from the *Sentinel Review*, of Woodstock, Ont.:

Mr. Wise, South Blandford, has received his New Model Vibrator, purchased from Messrs. Overholt & Hooper, agents of the Joseph Hall Manufacturing Co., of Oshawa. This machine excites considerable interest among the farmers in this vicinity; being in nearly all its parts except cylinder of an entirely new construction, and being so much larger than ordinary machines it may be truly styled the Jumbo Thresher. This machine was started in the barn of D. D. Burns, of Blenheim, it being the first machine of the kind operated in the county. Mr. Burns is highly



THE CELEBRATED HALL THRESHER AND SEPARATOR.

CHANTRY, October 14th, 1882.

The Joseph Hall Manufacturing Company, Oshawa.

GENTLEMEN,—I have got the "New Model" Vibrator fairly at work and it is doing better and better every day. It feeds easier than the other style of machine, and is a perfect cleaner, does not throw over any, and is more durable than any other. As you know, I have had forty years experience in threshing machines, having bought one of the first machines that came into Canada, from the late Joseph Hall, at Rochester, and have been a continuous thresher ever since. There is no better machine made than the "New Model."

Yours truly,
E. W. SHELDON.

pleased with the work performed; he thinks it almost a matter of impossibility to waste any grain by being carried over with straw; and as for the cleaning department it is so large and capacious, and so well adapted for the purpose, that he could not find a single grain either blown or run over, entirely separating the thistle heads and all dirt from the grain, putting it in a suitable state to market as it came from the machine. Mr. Burns also states that it did not scatter any grain around the hind part of the machine, so that when he had the straw threshed he was done. Mr. Burns and the farmers who helped to operate the machine think that the introduction of it in this county will be a great advantage to the farmers.

WENTWORTH COUNTY.

As a Thresher it is the Fastest Machine I ever had as no Man can feed it down.

From the Ontario Reformer, October 5th, 1883.

The success of the "New Model" Vibrator is really remarkable. In no instance, this season, has it failed to give entire satisfaction. We publish again this week two letters received by the Hall Company from parties who have been using the machine this season.

Mount Hope, October 1st, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTLEMEN,—Having properly tested your New Model Vibrator I feel it is my duty to write to let you know how I like it and what the farmers think of it where I have been threshing. I am an old thresher, and have had twelve machines of different kinds before I bought this one. As a thresher it is the fastest machine I ever had; no man can feed it down. We can run with twenty pounds less steam than any other machine I ever had. As a separator from the straw it is perfect, not one grain having been found thrown out yet, and as for cleaning grain, the farmers are taking it to the market from the machine. The farmers here say it is the most perfect machine they ever saw, and they are running after us by the dozen every day, while others are laid up. The farmers say there will be no other machine running but your New Model Vibrator for the next five years. Yours very truly,

C. L. GOODMAN.

ELGIN COUNTY.

It has no Equal in the County of Elgin.

From the Ontario Reformer, September 23th, 1883.

The success of the New Model Thresher has been without precedent in the history of threshing machines. The Hall Co. received this week the following letter from Mr. Jonathan Yorke, who resides near St. Thomas, one of the best threshermen in Ontario. Mr. Yorke bought a New Model on trial, and this letter expresses his opinion after having tested the machine to his entire satisfaction.

Yarmouth Centre, Sept. 23rd, 1883.

Joseph Hall Manufacturing Co., Oshawa, Ont.

GENTLEMEN,—I have one of your New Model Vibrators and have threshed this season so far with it. The farmers that I have threshed for all say it is the best threshing machine that ever came into their barn. It has no equal in the County of Elgin. I have threshed for thirty-seven years and have used most all other kinds of machines, but this lays them all out for good threshing, separating and cleaning. The wheat is shrunken here, but it will thresh all the grain out of the heads and separate it from the straw and clean it better than any machine I ever saw. It does not scatter the grain all around the hind part of the machine, so when you get the straw threshed you are done. It does not take half an hour to clean up the floor after you have finished the mow. It does not wind in threshing peas or other grain; it stands still on the floor and no belts fly off to bother you. I would advise any man who wants to buy a threshing machine not to buy any other kind, and I am sure when he tries one he will be satisfied that he has got the boss of them all.

Yours truly, JONATHAN YORKE.

PRINCE EDWARD COUNTY.

80 Bushels of Wheat Threshed Clean and Fit for Market in Thirty-Five Minutes.

PICTON, December 12th, 1883.

The Joseph Hall Manufacturing Company, Oshawa.

GENTLEMEN—Thinking you would be pleased to hear of our success of the "New Model," purchased from you in October last, we can only repeat what to you will prove an "old, old story" in reports from New Models. It has been "a continued round of grand successes" with us since we started. It has no equal for fast threshing, thorough separation, cleans any and all kinds of grain fit for market. Threshers who brought in their "Western Agitators," "Paragons," "Wide Awakes," "Grain Savers" and the like, got completely and notoriously "left." They may be good enough in a small way, but they are never mentioned the same day with the "New Model Vibrator." They have the pleasant (!) satisfaction of getting jobs where a farmer cannot possibly wait until after Christmas for us.

Yours very respectfully,

H. H. PLEWS.

P. S.—Please find below statements from a few farmers for whom I have threshed and who will tell you that the New Model surpasses their expectations in every instance.

Threshed for me and cleaned fit for market 324 bushels of rye in one forenoon; beat any rye threshing ever done in this county.

J. KINNEY, Picton P. O.

Threshed 68 bushels of fall wheat in 30 minutes cleaned fit for market; also buckwheat, oats, rye, barley and timothy; no change of sieves.

ANDREW HEAD, Milford P. O.

Threshed for me 116 bushels of rye in one hour, 149 bushels in one hour and a half, and 80 bushels of wheat in 35 minutes, cleaned fit for market.

LEWIS HEAD, Milford P. O.

Threshed for me 412 bushels of barley, weighed 51 lbs. to the bushel from the machine, cleaned fit for market, in 3 hours and 20 minutes.

A. MEDCALFE, South Bay P. O.

Threshed for me 124 bushels of buckwheat from straw, very damp, in one hour, and cleaned just right for market.

M. POWERS, Milford P. O.

W. H. Scott, Milford P. O., says: "Beats the world threshing; can clean all kinds of grain; no belts, no change of sieves. runs very smooth."

McQuoid Bros., Milford P. O., say: "Oshawa Champion Hall Thresher threshed for us fourteen years, and Mr. Plews' new machine, made in Oshawa, called the New Model Vibrator, shall do the same if we can get it by waiting six weeks for it."

The above are few of the many testimonials offered us in favor of the "New Model" Vibrator by our best customers.

H. H. PLEWS.

Be sure and examine Miller's "New Model" Vibrator before you Purchase.

COLLINS & SHATTUCK'S
Improved Undershot Clover Thresher,

Made by the Joseph Hall Manufacturing Co., Oshawa, Ont.



Re-Threshing Clover Straw—Great Triumph for the Oshawa Machine.

(From the 'Cobourg Sentinel.)

A triumph for the Oshawa Champion Clover Thresher. Mr. John Jewell, of Fenella, engaged Messrs. Elliott and James to thresh his clover with one of John Abel's Clover Threshers, and they only succeeded in getting three bags of seed, and after feeding his sheep on the chaff for about a week or ten days Mr. George Wicks, near Cobourg, happened to come along with one of the Joseph Hall Manufacturing Co. machines, and offered to thresh it over again free of charge, which he did, taking 1½ bags of seed out of the balance of the chaff. Mr. Jewell says he is confident he fed out enough to have made out two bags of good seed for the second threshing, which we consider a great victory for Mr. Wicks and his machine.

One Hundred and Fifteen Bushels of Clover Seed Threshed in Eleven Hours.

CLARKE, DURHAM Co.
 Messrs. The Joseph Hall Mfg. Co., Oshawa.

GENTLEMEN,—On the 5th and 6th of this month we threshed for James Wade 116 bushels of clover seed in eleven hours, with one of your improved undershot clover mills, Collins and Shattuck's patent. This, we believe, is the fastest work which has ever been done by any clover thresher in Canada. This seed was grown on 23 acres. The machine has given us, as well as our customers, perfect satisfaction. We have threshed altogether over 1,600 bushels seed with our machine this winter, without a single breakage, and never delayed five minutes from any cause.

Yours truly,

WM. H. LORD,
 WM. McCUTCHEON.

THE IMPROVED UNDERSHOT CLOVER THRESHER, HULLER AND CLEANER.

COLLINS & SHATTUCK'S PATENT.

Over 500 in use in different sections of the Dominion, and all giving entire satisfaction.

THE unparalleled success which has attended our Improved Undershot Clover Thresher, induces us to again call your attention to it. Our machines as made in 1869 and prior thereto, with overshot Threshing Cylinder, and Hulling Cylinder running in the same direction, stood in the front rank of Clover Threshers; but with our recent improvements, clover threshing is changed from an unhealthy and uncomfortable occupation, to one which is certainly no more disagreeable than grain threshing.

With overshot machines, a storm of dust into the feeder's face, and clogging of the straw back of the cylinder is unavoidable; but with our improved undershot cylinder and throat, *all* the dust is drawn through with the straw, and the delivery from the cylinder is complete.

But it is not alone on the threshing cylinder that we have made improvements. In all the other leading clover machines the Hulling Cylinder Concave is placed on the Fanning Mill side of the Huller, and the Cylinder revolves towards it. The result of this construction is, that the hulled heads are thrown down against the seed-conveying belt, and often stop or throw it off the flange pulleys upon which it runs.

In our improved Machine the Concave is placed *in front* of the Huller, and the Hulling Cylinder revolves towards it. This throws the hulled heads and chaff in the direction of the Fanning Mill, and upon the seed-conveying belt. By this means there can be no stoppage of the belt, nor any accumulation of chaff under the Hulling Cylinder.

Our Machines have **TWO BOLTS WITH COUNTER MOTION** which have proved **INDISPENSABLE** to the successful working of Clover Machines.

We claim another great advantage for our Clover Threshers, in the ratchet form of the upper bolt, whereby the straw is effectually secured from passing over into the stack until thoroughly separated from the heads and seed.

It has another advantage which will be readily appreciated by all persons who have used other clover machines—that of leaving no "tailings,"—everything requiring to be re-hulled being carried up by the elevator.

It can in a moment be arranged for threshing timothy or other grass seed, so that the seed and chaff will pass directly from the bolts to the Fanning Mill without passing through the Huller.

All persons who have had experience in Clover threshing will appreciate the importance of the improvements mentioned.

We make Machines with side gear of different speeds and adapted for use with Horse Powers in which the line shaft runs with or against the horses. We also supply them with band pulleys of any desired size, for use with Horse Powers and Band Jacks or for Steam Engines.

All our improvements are secured by Letters Patent, of which we are sole licensees. Manufacturers who build, or farmers who use, machines combining any of them without right, will be prosecuted therefor. We would also say, that **THERE ARE NO VALID PATENTS ON OUR MACHINES NOT OWNED BY US, OR UNDER WHICH WE ARE NOT LICENSED, AND THAT WE ARE PREPARED TO PROTECT OUR CUSTOMERS AGAINST ANY AND ALL CLAIMS TO THE CONTRARY.**

We are prepared to supply with our machines, when wanted, either Iron Planet, Pitts' Patent, Down or Mounted Horse Powers.

AN INTERESTING TEST.

From the London Advertiser.

The Joseph Hall Manufacturing Company, Oshawa, have introduced a new threshing machine called the "New Model" Vibrator. This machine was invented by Mr. Jacob Miller, of Canton, Ohio, who has for forty years been engaged in manufacturing threshing machines. The "New Model" was first offered to the public in 1879. For 1882 more than one thousand were sold in the United States. The Hall Company have been making some very interesting tests to ascertain the real merits of the machine as a grain saver. A platform was built at the rear of the machine with a slatted bottom, so that all the grain fell upon the slats. It was arranged so that one man could stand on either side of the platform and shake the grain out of the straw, so as to allow it to fall through the slat, throwing the straw over on the ground. A hopper was placed under the platform, and under the hopper a fanning mill was placed. Then fifty bushels of grain was threshed, beginning at the rate of sixty bushels per hour, and working up to one hundred and twenty bushels per hour. After threshing fifty bushels at each of the various speeds, the grain in the fanning mill was cleaned up and weighed. It can be readily seen that in this way a test can be made which would indicate exactly the quantity of grain which would be liable to go into the straw stack. Ten tests were made only a short time ago, and the worst result was the loss of five ounces of wheat in threshing ten bushels, which was equal to a waste of one bushel in nineteen hundred and twenty. This is a truly wonderful result, and is valuable because the test has been made in a thorough and systematic manner. All kinds of grain have been tested and the result was equally satisfactory.

PEEL COUNTY.

Never seen a Threshing Machine as nearly Perfect as the 'New Model.'

COOKSVILLE, Dec. 30th, 1882.

To the Editor of the Express, Oakville:

DEAR SIR,—We, the undersigned farmers and old threshers, being desirous of advancing the interests of our farmer friends, take great pleasure in calling their attention to a new threshing machine which we have had the satisfaction of seeing work. It is called the 'New Model' Vibrator and was made by the Joseph Hall Manufacturing Co., of Oshawa. We have had much experience in threshing, separating, and cleaning grain, but we have never seen a threshing machine so nearly perfect as the "New Model." It runs very smoothly, without scarcely any vibration, every part being so carefully and evenly balanced. It threshes rapidly, in fact it can take all the straw men can give it. It feeds very easily. It separates the grain most thoroughly from the straw. In this respect it is remarkable, and, finally, it cleans the grain more perfectly than we have ever seen it done heretofore. The manufacturers claim that it will thresh two thousand bushels of wheat without wasting more than a bushel, and we believe that the machine will fulfil their claim in this respect. We believe there is no machine offered to the public in Canada which so fully meets the demand for a perfect thresher, separator and cleaner.

WILLIAM BRISTOW, JOHN PRICE,
WILLIAM MCKINNEY, EGBERT REID,
PETER BURNS, SAMUEL PRICE,
JAMES WALBER, S. H. PRICE.

ESSEX COUNTY.

HARROW, Essex Co., August 15th, '82.

Messrs. The Joseph Hall Manufacturing Co., Oshawa.

GENTLEMEN,—We, the undersigned farmers living in this locality, beg leave to testify to the merits of your "New Model" Vibrator, purchased of your agent, Mr. Jackson Quick, and operated by R. M. Manning. We have had it thresh for most of the undersigned, and all of us can speak from experience. Having watched it closely in the wheat and oats, we have much pleasure in stating that for quantity and quality of work done, the "New Model" surpasses any machine we have had to do with. It makes no difference how wet the grain may be, the "New Model" works satisfactorily, never choking in the shoe. We have also tested it thoroughly in extreme light oats and never could find a single oat lost. Farmers will gain by getting the "New Model" to do their threshing.

C. A. TAYLOR, WM. McCORMICK,
HENRY WALTERS, M. W. McCORMICK,
JOHN H. POST, ISAAC FERRIS,

DURHAM COUNTY.

Township Manvers, Oct. 18th, 1883.

The Joseph Hall Manufacturing Company.

GENTLEMEN,—As I have now the opportunity of answering your letter I must say I am well pleased with the New Model Vibrator. It threshes clean. My opinion is that it cannot be beaten as a separator. It separates the grain from the straw wonderfully, and there is no fanning mill that I ever saw cleans any kind of grain like it; no waste of any kind of grain. I can thresh very fast. It gives good satisfaction in the country. The farmers are well pleased with the work. Yours very truly,

JAMES ARMSTRONG,
Yelverton, P. O.

"New Model" Measurements.

		SIEVE MEASUREMENTS.	
30 inch Cylinder	3 feet, 3 inches	x 6 feet, 0 inches
33 " "	3 " 6 "	x 6 " 0 "
36 " "	3 " 9 "	x 6 " 0 "
WIDTH AND DEPTH OF CLEARANCE BEHIND CYLINDER AND OVER BEATERS.			

INCH.	INCH.	INCH.
30 cylinder, 18 over beaters	—	42 clearance behind cylinder.
33 " 18 " "	—	45 " " "
36 " 18 " "	—	48 " " "

With our New Model we give the following:

Side Canvass.
Windlass.
Rope for Stacker.
All necessary Belts, except Drive Belt for Engine.
Feed Tables.
Foot Boards and Rim Boards.
Oil Can.
Twelve Soikes.
One Extra Concave.
Two Blank Concaves.
Wrench. One Spike Straightener.
ADDITIONAL FOR GEARED MACHINES.
One Cylinder Pinion.

THE MCKENZIE

Patented Sept. 2nd, 1881.



Patented Sept. 2nd, 1881.



SUPERIOR SPARK ARRESTER

MANUFACTURED BY

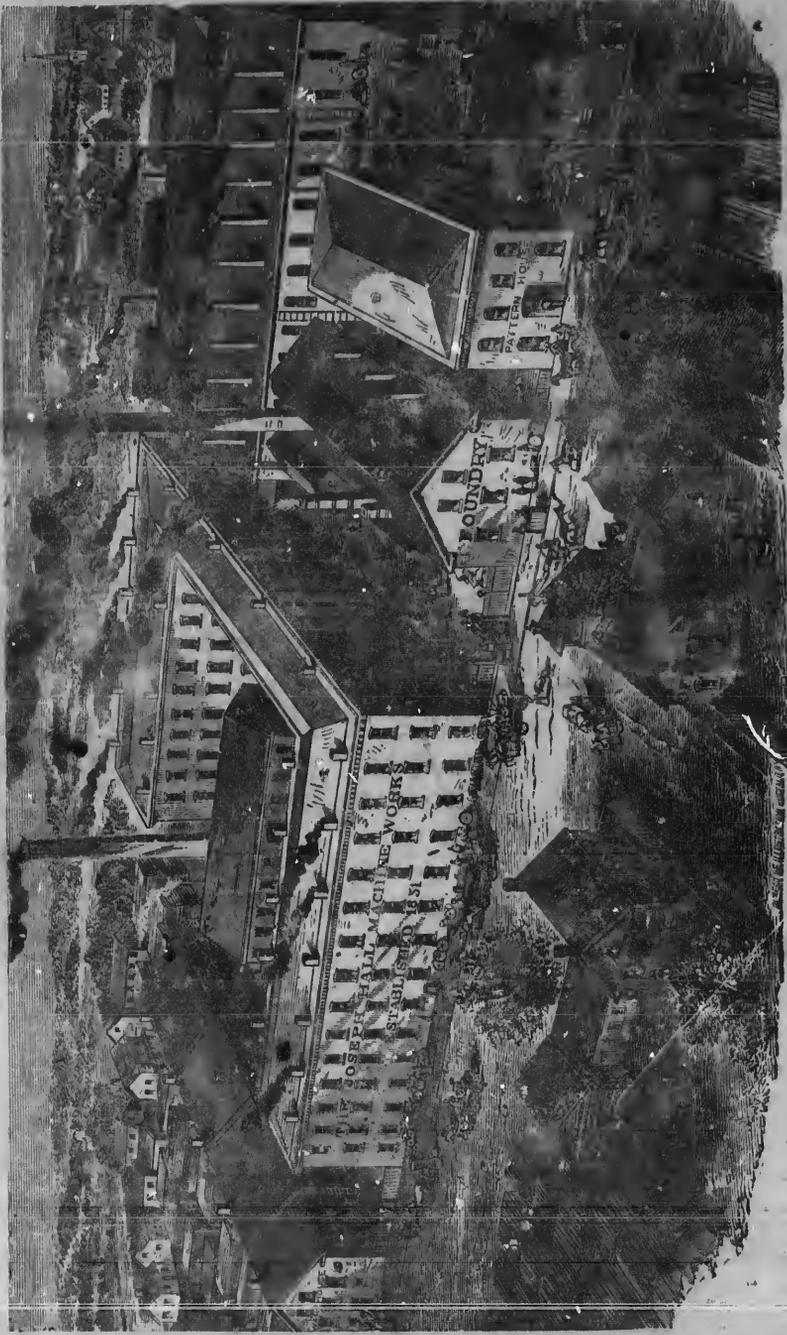
The Joseph Hall Manufacturing Co.,

OSHAWA, ONTARIO.

The above illustration represents one of the best SPARK ARRESTERS ever invented, for the following reasons :

- 1st. Because it is a **PERFECT** Spark Arrester.
- 2nd. It gives **GOOD DRAUGHT**.
- 3rd. There are no **Screen, Fires or Dampers** to handle.
- 4th. That it has given **entire satisfaction** wherever used.

The Spark Arrester is endorsed by the following manufacturers and others, which is a sufficient guarantee to its superiority :—Altman & Co., Canton, Ohio; James Dorsey, Rochester, N.Y.; West Manufacturing Company, Lockport, N.Y. and several others. It is also endorsed and licensed by the London Mutual Farmers' Fire Insurance Company, the largest in America.



The Works of the "Joseph Hall Manufacturing Company, Oshawa.

