

June

THURSDAY 24

July 75

There has been some rain through the but not a great deal more than to lay the

About $\frac{1}{2}$ past 5 a.m. the first of Barnam's trains of 20 cars and $\frac{1}{2}$ an hour thereafter 2 more came on, nearly all of them his own cars fitted up for the purpose for horses, camels, coaches & waggons, also 5 Pullman cars, The ground chosen was down at the Dundas Bridge. It was very warm during the middle of the day, but about $\frac{1}{2}$ past 3 the sky became dark and the thunder rolled & lightning flashed, and then a pouring rain from the South West and for a while a regular torreda and the street flooded quite deep, The managers of the Circus had to lower the large Canvas to prevent it being blown away and that alarmed the spectators very much and all of them got drenched to FRIDAY 25 the skin, but they hoisted the canvas again and performed in the evening again the same as if nothing had happened and during that time more rain fell,

To day it is quite fair, but close & warm, and the whole Barnam's Establishment gone off to Berlin,

Signed
without security

agreement of composition of 75¢

SATURDAY 26

A damp morning, found it was necessary to get the worm of the Rectifying still overhauled & thoroughly repaired and therefor went down to Toronto by the 11 O'clock train, and engaged a Copper Smith to come up on Monday night, David Startup at the factory of H. J. Smith No 3 Elizabeth Street

While there a light shower of rain fell for about an hour, a large oval shaped drain is being constructed up Young Street of much larger dimensions than the present one put in many years ago, the new one is 3 or 4 feet deeper, 20 feet at least from the surface of the street, when about 6 or 10 feet down it entirely composed of clay to the bottom & of the best quality for Bricks &c.

June

MONDAY 28

1875

This is a dull morning, but is brightening up as the day advances, Bank matters again troubling me, Mr. goes to Stratford
 Death of Sir William Logan, geologist appears in the papers this morning, (London). Also terrible floods in France, the city of Toulouse is inundated in the lower parts & 1000 lives said to ~~lost~~
 I attended meeting of Directors of the Wellington Assurance Co^o to day,
 William went up to Stratford & to return tomorrow

David Startup, came to night.

TUESDAY 29

Fine morning but dull, during the fore part of the day it rained now & then lightly, but in the afternoon it turned out fine,
 Mr. A. M. Clark Esq of Toronto, had a sale of Town lots in the Swamp, some 12 or 14 were sold varying from \$100. down to \$65 for less than a 1/4 acre,
 Have been getting on pretty well with the worms & found a great many joints bad

WEDNESDAY 30

This has been a very fine day, and have got so far with the copper work but it will take all day tomorrow if I can get the men to work on that day, being the Dominion day

Major General Whyte arrived to night and is going to stay at Heigimbothams to night

July

THURSDAY 1

1875

This is a very fine morning for the Review of the Militia on the Race Course at $\frac{1}{2}$ past 9 am. I went out between 10 & 11 and saw a great deal of the evolution, marching & countermarching and the cannon firing every now & then.

FRIDAY 2

This is a fine dry morning, and likely to be a very warm day. This has been a very warm day and is beginning to tell on the water in the River.

Went down to the Gass works & saw them putting together the new cast iron purifiers 4 in number & all put together with flanges & bolts, all the joints truly plain and set with Red Lead putty,

Have got all the Copper work done, his time being 8 hours over time and 41 hours regular time board & fare, up & down,

SATURDAY 3

This morning is fine dry weather, and all is bustle at the Camp, and the cars are drawn up at the Station to take the soldiers to Stratford & Goderich. I took leave of a number of Officers.

July

MONDAY 5

1875

This is a dull morning it rained last night, (and also early on Sunday morning). About noon it became quite dark with heavy overhanging clouds and a little after one it began to rain pretty heavy for more than an hour, and continued heavy all the afternoon. We are busy laying down the new stones, that is the 4th pair in the steam mill,

TUESDAY 6

This is also a dull morning, close and warm and as the day advanced it began to rain lightly but soon became heavy and rained heavy for several hours.

WEDNESDAY 7

This is also a warm day going to be

completed a fence between Rectifying house & Warehouse

FRIDAY 9

Fine morning and likely to be warm.
I went down to Toronto by the early train to look after copper to line the New Mash tun with, and also engaged the coppersmith David Startup to come up for to put in,

I bought 14 sheets No 16 4 feet x 6 feet, at $25\frac{3}{4}$ ¢ per lb
5 lbs of Spelter a ~~13~~ 35 ¢
5 lbs Boxax a 5 ¢

Great complaints still about the dullness of trade in Toronto, the freights are so low as 1 ¢ a Bush for wheat to Kingston

SATURDAY 10

This is a warm morning and the crops looking fine, We cut a great deal of firewood with the good supply of water we had to day

This is rather a cool morning, last night and the night before there must have been a slight touch of frost as the leaves of the squash drooped a good deal.

However as the day advanced it became very warm and fine as for days past and great numbers of Orangemen began to arrive both by trains and waggons, all having fine Bands of Music, and Beautiful banners fluttering in the Breeze which was moderately strong enough for that.

TUESDAY 13

This is a dull morning and threatening rain and looks rather bad for the Presbyterian Union Picnic.

The Copper smith David Startup began to work to day and to pay him \$3 per day and I find his help, or his offer was \$3.50 & find his own help & board them both, which I did not approve of as they generally have mere boys,

WEDNESDAY 14

This has been a fine warm morning, and going to be a very warm day.

Attended the Examination of the Boys

July

THURSDAY 15

1875

Very warm morning
this morning William starts for Hamilton

FRIDAY 16

This is a dull morning there having been a fine shower during the night, about 8 o'clock it darkened again and began to rain. The men are getting out a dry Elm stick for the rake of the Mash tun as I could not get a piece of Oak, which I would prefer,

SATURDAY 17

This is a fine morning
It is getting very warm As the day advances

This is a ~~not~~ fine morning, But yesterday was dull and there had been a fine shower during the early morning & also about 7 o'clock

To day it has been a pleasant day so far as the weather is concerned But Mr McMaster, the President of the Bank of Commerce was here and we had a considerable discussion about giving a Mortgage on more property than I was willing to give, & how the board may decide I cannot tell,

I am notwithstanding going on with the copper lining for Mash tun We have quit mashing & only running of the old beer,

TUESDAY 20

This is a pleasant morning but very dry and river low

The Road & Bridge committee are relaying the Bridge with new top planks, the main 3 inch planking are likely to stand for a couple of years longer, & they have made a new side walk & broader than before

WEDNESDAY 21

This is also a fine morning by dry, Have taken out the copper of the old mash tun to day, for to work it up into, measures pipes &c

A strong West wind was blowing, and the dry brush in the swamp was set fire to by one of the locomotives is supposed, and burned with great fury & had to send men to take down parts of the fence to stop it from running West

There was a fire in Town last night, end, John Heall fur shop, & 2 stables

A Bank meeting appointed tomorrow

July

THURSDAY 22

1875

This is a warm morning, dry and Dusty

* Began to day to take out the old mash tun, and cut out the floor large enough to admit the new one the find the feet of several of the posts rotten and must be replaced with new ones.

Alfred Stroud here & settled for slope
Have a good deal of trouble with the fire on the Bridget farm

John Idington came down by the 5 O'clock train & ret^{urn} at 1:20^{am}

Had a meeting at the Bank this evening with Mr Camp, the inspector

FRIDAY 23

Fine morning but every thing dry as tinder
Met Mr Camp again this morning at the Bank and signed an agreement

* It was to day we took down the Mash tun,

Had 3 men out fighting the fire & in the afternoon 2 more to stop the burning of the stump fence, and arrest it from catching the trees, all being so very dry

SATURDAY 24

This is another warm dry morning

July

MONDAY 26

1875

Of any thing a dull morning, with a fine shower of rain but it did not much more than lay the dust, in the afternoon it became as dry as ever, and the wind got up again and started the fire

TUESDAY 27

This is a fine morning

William went down to Toronto by the 11 O'clock train, John Edington & wife went by the same train on their way to the Salt Water

John Brown ^{Esq} late of Hamilton here on return from Luther Duncan McDonald

WEDNESDAY 28

Fine warm morning

Great failure in New York yesterday. The firm of Duncan Sherman & Co, Bankers with liabilities of about \$,000,000

We have got the old still out of its place, and it was not so much decayed as I expected to find it, and might have been used a couple years longer

A great fire to night it turned out to be the large Barn built by Wm Day & now owned by Sheriff Grange, was entirely consumed, it began about 11 pm

July

THURSDAY 29

1875

This is another dry morning, with shortness of water
We have now got the Mash tun into its place
and have begun to cut the gutters in the bottom

William went ^{to Goderich and perhaps to} to Bayfield by the 6 p.m. train

FRIDAY 30

Another fine morning but all too dry.
as the day advanced the wind got up pretty
strong & had to send men out to watch the fire

We have got all the channels of the Mash tun cut
out and have now the strips about ready to put
down. Have also been taking down the stone
wall for to lay the beams on to support the new still,

SATURDAY 31

This is another very dry morning, and have
again to send a man out to watch the fire

William came home from Goderich by the 5 o'clock train

The Wind yesterday turned to the East and was cool and had the appearance of rain but none fell, the wind was very strong,

This Morning is quite cool and as dry as ever, and as the morning advances the wind is increasing and blowing the fire back from the Barn & burning more fencing

At One O'clock it became alarming, and Smiths house on the East side & Lobans house on the N. West side of the Grand Trunk track were in great danger in the former case the Steam fire Engine turned out and extended the hose from the Dam to near the house & did good service, Began to screw down the copper to day

TUESDAY 3

This morning is dull, and a shower seems to have fallen during the night, a little after 7 a.m. it began to rain very light and continued more or less throughout the day

We are getting on well with the copper lining of the Mash tun the Bottom is finished and the side lining is being put in

John C. Allans child baptized by Dr. Hoagg to night

WEDNESDAY 4

This is a dull morning, and some must have fallen through the night, but it held up during the day, This is the Monthly Fair day, but not largely attended either by people or cattle,

Although this is a dull morning there has been little or no rain

The milk cow calved this forenoon, and does not appear to have any strength to go about

The cow died about 10 o'clock

FRIDAY 6

This is a very wet morning raining hard a considerable time, and also through the night

Began to the Wooden Still this morning, and got down the bottom and then all the staves round about

The copper smith has got the pipes for the new Columns, made, & is now making a new pipe for the "blow off" slope.

SATURDAY 7

Dull with a slight drizzling rain at times

We melted off the points of the old ascending worm and filled them with rozen to be ready on Monday to straighten them to a larger diameter & to be added to the large worm

Got all the heads in the still and several temporary bands put on which appears to draw it together pretty well

August

MONDAY 9

1875

This Sabbath morning the rain is close & light. but got fair afterwards

This Monday morning was fine, I went down to Toronto about copper work and to examine the large rectifying still that formerly was Gooderham & Worts and find it will suit, if we can make a bargain

He asks for it as it stands \$750

TUESDAY 10

This is a fine morning, and we are setting the blow off valve in the bottom of the still

Also taking out the old trough, in the roof and putting up the spare one, that has been laying out of doors so long, I think was made about the same time as the other

Have also got a new bearing on the line of shafting as the bevel that drives the mashing rake is turned the other way,

WEDNESDAY 11

We had a dry forenoon, but a wet afternoon the first shower about 1/2 past 1 was heavy

Have been working at the line of shafting in distillery, and also taking out the worm in second worm tub next the heater,

And Dobbin has been in the Mill setting the eye & adjusting the spindle in another, I had to temper the toe which appeared to be soft

August

THURSDAY 12

1875

Dry morning We are getting on with the hooping of the Still with 4 inch Band iron

William went up to London by the 6 O'clock train

FRIDAY 13

Very dry weather, and find that the late rains have not extinguished the fire in the ground out on the York road farm,

William returned from London by way of Brantford to night by the last train

SATURDAY 14

This is a very close warm morning

The spirits are all done, were finished last night, so that the Rectifying still is standing still,

More failures in Toronto

Have got the hooping of the Still done to night

This is a very fine morning, and a light shower fell during the night, I had a watchman appointed, to look after some blackguards ~~that~~ that have been frequenting the cattle sheds at night with Mary Agelvie in company, he heard and saw them but was not able to arrest them. Have been getting pretty well to day, in getting the pipes on doubles, and top of still, checked out for Charger and some staves set, to begin with, got the spindle set for the last pair of new stones.

William Fisher began to work at the Distillery

TUESDAY 17

This has been a very fine day, close of any thing, with a few drops of rain but no shower. Have felt a good deal of pain twice to day, & found that my Truss had slipped of the right spot, & allowing my bowels to come down. Dobbie has been adjusting the millstone and ballancing it. This is the first day of the Sangerfest at Berlin. Signed Bond for Compounding Licence to day.

J. C. Couper wife with Daughter & her child 6 weeks old (a Boy) came here to day. the letter lately from Illinois

WEDNESDAY 18

This has been of any thing a dull close day. have got the charger, on still finished, Have drawn out the enlargement of the Copper Still to day and am about calculating the Cost of the alteration, Dobbie got the stone in the mill balanced and the cogs pared,

William went down to Toronto at 11 O'clock to attend meeting of Mr Griffiths Creditors,

It began to rain about 5 O'clock and continued for an hour or more,

This morning had the appearance of a wet day. It kept fair during the forenoon, but about One O'clock it began and rained most of the afternoon.

Booths coppersmiths shop in Toronto was burnt down last night about 7 O'clock loss about \$14,000

I am trying to get the line of shafting in the Distillery which has been put in line, finished to day so as to get the pumps going

J. C. Couper came to night, staying at Le Davidsons

FRIDAY 20

This is a dull morning, and rainey like

Couper's folks went all off this forenoon home, some light showers only

A man was shot yesterday evening near the Rifle Range House on the York Road called Gates by one Marks

SATURDAY 21

This is another dull morning,

light showers towards noon & about 2 O'clock a heavy shower of hailstones came on, and then heavy rain, and continued with very little intermission all the afternoon

Have got pretty well with the work to day. The Montejuce is again set, and all the pipes fitted to it

Have resolved to alter the Copper Still & not to purchase Booths

August

MONDAY 23

1875

Last night was quite cold for the season, and I was told by some that there ~~was~~ ^{was} frost this morning, But it turned out a very fine day, But notwithstanding all the rain we have had, the supply of water in the River is still very light, and could only drive one run of stones all day, The Boiler was being cleaned out began to day and took down the column of the copper still and brought it to the Blacksmiths Shop and took it apart, have been making pattern for air pipes,

We went up this evening and bid farewell to Archdeacon Palmer and wife who leave on Wednesday morning

TUESDAY 24

This is a fine cool morning and still working at the Patterns yet, it takes three times the time it would take me if I had all my tools and things in order, for they are all to seek when wanted

C. H. Finch one of Booths men came wanting to be employed, so I took him on at \$2.50 a day and find himself,

John Edington here Mr Kemp Bank inspector also when certain documents were read over and signed and John went off Mr Millie's wife was safely delivered of a girl this evening.

WEDNESDAY 25

Fine morning

August

THURSDAY 26

1875

This is a very fine morning getting ready to leave for Toronto at 8 o'clock

Higinbotham and family start for Southampton at noon

Got a letter of introduction from Mr. Worts to see the Gas works

FRIDAY 27

Very warm morning

The gas company have got the town steamer filling their new tank

SATURDAY 28

This has been a very warm day. Have got on pretty well this week with our work, but the copper still is going to take far more work than was estimated at first

The new tank at the gas works has given way, and water running out at the sides, all of which is for want of proper ramming and puddling the outside with clay

Nat returned to night alone

August

MONDAY 30

1875

This is a fine morning, and pretty warm

Attended full meeting of Directors of Wellington Mutual fire Insurance Co, when a considerable amount of Business was done,

Nat went down to Galt by early train, thence to Hamilton and Toronto

TUESDAY 31

This is a warm dry morning

I have not felt so well to day, from downward pressure in my bowels

September

WEDNESDAY 1

This is a very warm morning

Monthly Fair to day, but the attendance is but small, I was up in town, but felt so very uncomfortable from pressure that I came down soon, have got the copper still in pieces & spread on the floor

Great fire in Berlin to day it began about noon

This is a very warm morning, and during the forenoon it was very close & warm about 12 O'clock as the moon Bell was ringing the rain began light at first and then became very heavy till about 2 when it ceased for a short time and then began again, The cellars on Windham Street were again flooded,

Have got the scroles bent to the proper circle and David Startup is cutting out the pieces for enlarging the top and bottom. Have begun the new goose tub an Oval one by long and 7 feet. Have all of fine dry 2 inch clear pine, Parker is making a pair of rings for a manhole in side of still 15 inches diameter,

FRIDAY 3

Dull kind of morning, and warm all the forenoon, ~~but at 12 O'clock it began to rain and a little~~, but in the afternoon it began again and continued for some time

This is our fast Day

Startup is getting pretty well with the work he is brazing the rims that goes round the top and bottom of the still, have got the 26 2 inch pipes from Booth for the goose

SATURDAY 4

This has been a very fine day, dry and cool, went out with Gideon Hood to examine the farm, and found large patches of the ground has been burnt up quite deep a foot & more in some places.

Have got the Oval goose tub put together this evening and ready for hooping on Monday all made of the best clear dry pine

September

MONDAY 6

1875

This is a fine cool morning and dry with a fine breeze for drying the grain that is out

The copper smith has begun to punch the holes ready for riveting the head of the Stile, each of the rings is all brazed together in one piece

William started this evening for Chatham by the Great Western
I intend going down to Hamilton tomorrow

TUESDAY 7

This was a very fine morning,
I started for Hamilton by the 6.45 train, got an introduction to the Manager of the Gasworks there, Mr Littlehales who kindly showed me all through

WEDNESDAY 8

This is a dry warm morning

September

THURSDAY 9

1875

This was of any thing a dull morning with indications of rain, and a few drops fell before 8 o'clock.

The copper-smith is riveting the rim to the head of the still, and farther on in the day was turning over the edge of the head of the still, thus

the other man is still working at the goose soldering in the upright pipes

Had a Telegram from William who got to Chicago late last night and leaves there tomorrow morning,

It began to rain about 6 p.m. but only lightly

FRIDAY 10

This is quite a dull cool morning, with a considerable amount of dew on the ground

SATURDAY 11

This is a clear cold frosty morning the side walks are quite white with frost,

This was a cool morning, but dry

got the sides of the Still soldered in the inside all over the heads of the rivets,
We got the Goose on its place and set up the tub all ready for hooping

TUESDAY 14

This was a very fine morning, and at times somewhat cloudy and looking like rain

Have been getting on tolerably well with the copper still, and got it all ready for - Meeting of Directors Wellington Mutual to day

Got the fire started in the distillery this afternoon, Went up to Ingle's foundry and found that they are now pretty well on with the smoke box & stalk for the chimney

Then went on to the Exhibition ground, the attendance was thin, being the first day of the show

WEDNESDAY 15

This morning appeared cloudy & like rain but it passed off, and the roads continued very dusty, The attendance at the Show to day was not so large as at last years Show on the 2^d day

Considerable progress was made to day in riveting the head on the still, The distillery was not lighted to day

This is a dull morning and a very fine rain is beginning

during the whole of the forenoon it rained close and at times heavy. Yet a great many stragglers came by the Cars to the Show.

It was more moderate in the afternoon but cold and disagreeable.

Had a good deal of trouble in turning over the still to prepare it for the bottom.

Began to Mash, the first time in the New tub.

FRIDAY 17

Cool dull morning and chilly after the rain.

We got the bottom tried on the still this morning, and David is now gathering it together so as to fit more tightly.

SATURDAY 18

This is a fine morning, but chilly. It has taken us all the forenoon to get the still turned over on its side and put it in a position for soldering round the rivet heads.

I have to day been seized with an attack of Lumbago which disabled me very much.

This is a cool raw morning & must have been frost last night there was some white on the sidewalks

Got the bottom of the Still all tinned with a thick coating of solder over the rivets and attempted to raise it up in its place, but the joints would not permit it and had to lift the upper ones as well as the floor below, This afternoon was wet & cold

The papers report 2 feet of snow at Luckee this morning

TUESDAY 21

This was a cool morning

Got a mason from Dobbie to build up under the copper boiler, he began after dinner

WEDNESDAY 22

Fine morning but frosty, and snow near Goderich the mason still at work under the boiler

began to raise the worm tub up stairs fully 2 feet and have got the pipe from the goose to the worm on

Mrs A & I went out to Rockwood, (about a year the Beer pump burst in the main barrel

The mason finished up with patching a little at the wall under the 3 chamber Still

September

THURSDAY 23

1875

This was a very cold morning, white frost on the sidewalks, and our garden Pump froze fast

got the large pipe on that conducts the vapour from the copper still to the column,

I am still troubled with Lumbago.

FRIDAY 24

This was a fine dry morning. Hoare found it necessary to make a new and larger tester at the worm's mouth, the old one being only large enough to hold ~~4~~ galls whereas it requires to hold over 70

Mr A and I went down to Fishers Mills and found Peter Edington going out of doors, they were thrashing to day with 10 span of horses, Walter has built a large fine Barn with large storage for turnips, and ample room for feeding a number of cattle. We left at 2 1/2, returned 1/4 to 8,

SATURDAY 25

This is a dull morning, and looks like rain, a few very light showers fell but not enough to lay the dust.

Arthur Hooger died this morning aged 58.

I had to go home earlier this afternoon as the Lumbago was getting very painful.

This was a cool morning, but I was not able to get out of Bed, and was hardly able to turn myself with pains. Yesterday morning about 3 o'clock when I had with great difficulty got my leg over the bed a severe pain seized me in both sides (as seemed to me) at the same moment as if I had been jammed between 2 locomotives & had to fall back into bed again, & has been shifting down to my ankle, and is more like Sciatica

We are progressing with the copper work

TUESDAY 28

This is a fine morning and not so cold

I feel a great deal better this morning & was able to get on my clothes after Breakfast and look over the works

I think we will get rid of the copper smiths in a day or two now.

WEDNESDAY 29

This is a dull morning, and I among many others was disappointed at not seeing the Eclipse of the Sun at 6 am to 7,30 for I only saw the Sun slightly for 2 minutes & then was too low to get a proper view of it, but it was seen at the distillery at that time quite plain for a minute or so.

There was a good deal of rain to day, & a great deal of lightning after dark and Thunder.

September

THURSDAY 30

1875

This morning was dry, but cold & raw

But through the day several showers & cold

The papers this morning inform us of great destruction of property last night by the Thunder storm many Barns having been struck with lightning

October

FRIDAY 1

This has been a dry ~~day~~ ^{morning} but cold in the early part, but as the day advanced it became more pleasant

We got the two charges and the copper still measured to day and all boiled up, to test its tightness, only one small leak in the still was discovered, and the chocking of an iron overflow pipe, Mr Reeves of the Grand Trunk Freight Department was here to day

SATURDAY 2

This is quite a wintry looking morning, all the sidewalks are white with frost and the remains of a shower of hailstones. The first charge was put in the copper still this morning, say 1100 galls

We had to stop the distillery to day, and shut off the water from the race to enable us to put in an additional pipe to conduct the water down to the new cold water pump that is to supply the extra demand for cooling the worm & goose, and are trying to get the new Jester finished & put in its place to day while not running.

The Copper smiths got done to day and left for home, We got up the piece of new stalk to day and the spark catcher box in good time to day, also Casey putting water pipe for new pump

This is somewhat of a cloudy morning but as the day advances it seems to clear up, and turn out fine, we have not got the distillery started yet as the puddling could not be finished on Saturday night. But the Rectifying house is charged and going all right.

I had the pleasure of meeting Mr. E. Wiman Esq (of Dunn, Winton & Co) at 3.30 on his way West.

Am getting stores drawn over to the river lot.

Our new (Goulds) Pump came to day

TUESDAY 5

This is a dull morning with a slight drizzling rain. Ship Blaney left King's Harbour this morning for New York. I notice this morning the death in Hamilton of one of my old acquaintances Mr. John Fairgrieve on Sabbath evening the 3rd inst. Born at Galashiels 11th Aug 1811. and came to Canada in 1833 and shortly after became acquainted with him at the Wharf at Dundas.

I went through Mr. Raymonds sewing Machine factory which is now nearly finished, the Carpenters are at work completing the benches tables & all round the shops, and a great many of the heavy & light Machines lathes & are being set in their places & the shafting being hung, & Men fitting up One of Worwick's Steam Engines, they are also fitting up a novel heating apparatus with a fan.



Court of Chancery is sitting

WEDNESDAY 6

This being our Monthly Fair day, has turned out to be at least a very unfavourable morning raining heavy and cold. The fare was poorly attended from the day being wet, between 3 & 4 O'clock it poured down very heavy, There was also some Thunder

October

THURSDAY 7

1875

This was a raw cool morning but dry, but yet it continued cold though the sun shone through for the most of the forenoon,

About 4 O'clock it began to rain, and continued for half an hour.

FRIDAY 8

This is also a cool morning but dry, We had to disconnect the water pump, but found nothing in it, and all went on well after starting.

Williams wife infant and little George started for Montreal this afternoon at 5 O'clock William Fisher accompanied them.

SATURDAY 9

Hard frost last night the side walks & grass all white, This has the appearance of going to be a very fine day, Rec'd a note that Mr Alexander wants me particularly to go out, immediately after dinner. Mr Allan & I went out before one O'clock, and found that Mrs Alexander had died at $\frac{1}{2}$ past 11 not long after the note to me was written, her age is 65 years.

October

MONDAY 11

1875

This is a cool morning, with some frost on the planks of the side walks, we have plenty of water in the Dam, and the water Mill going with 3 pair of stones, James Allan had been at the Bayfield all last week to arrange about the sale of his land, Hugh Black of Forquus was found hanging this morning quite dead in one of the Brick houses at the G. Western Station the verdict of the jury was,

TUESDAY 12

This is a dry cold morning, cold Westerly wind blowing, Had to stop for a couple of hours to examine into the coil of the Still as it was making much less distilled water than formerly, and on testing it with cold water found out 2 holes in the new coil, sent Hearley & Heather 50 lbs more copper a 18¢ Peter Edington & wife here today

Mr James Blain & Mrs Blain of Galt appear to have sailed today from Quebec in the steamer Sarmatian. Capt. Aird, master

WEDNESDAY 13

Heard post last night, moster laying out was very hard, but this is going to be a fine clear day, I went out this morning to the Cemetery to if Mrs Alexanders grave was ready and found all right
George Sandilands died this morning at his Brothers house aged 38 years

This is a charming morning for this time of the year and will be very favourable for the visit of the Leut-Governor of Ontario to day by the 10 O'clock train.

The Governor arrived at the time appointed, and after receiving an address from the Council, went up to the Model farm.

Mrs Mathew & her niece from Toronto paid me a visit to day, and did not attend the reception.

FRIDAY 15

This is quite a rainy morning, and very unfit for outdoor work, yet as we are laying down pipes to, and from the Rectifying house, we must push on and get them laid and the trenches filled up.

SATURDAY 16

This is cold raw morning, but no rain, so that we will be able to finish the covering up of the pipes.

Had to drill a hole through the Brass piston rod of the Spirit Pump this morning as the screw into the crosshead was too slack and came out. I attended the funeral of Tho Sandilands, but not as far as the Cemetery it was so chilly & saw and flakes of snow falling, there was a large attendance.

October

MONDAY 18

1875

This is somewhat of a wintry looking morning, but rather less so than yesterday. Sabbath morning 17th, at a 1/4 to 9 small flakes of snow began to fall about a yard apart, then shortly after closer & closer and in 10 minutes after it began, it came on quite heavy, and did not melt as at first, at 10.30 Temp 34° and snowing heavy about 1 o'clock it had stopped and became soft,

This forenoon a good deal melted away

TUESDAY 19

This is rather a promising morning, and very little of the snow remaining,

Working at cattle sheds repairs of floors, windows &c and Johnston Gibson at spouts for New Mash tuns

Went up after dinner with W Hamilton Tomestone cutter to arrange about cutting letters on the Monument

WEDNESDAY 20

This is a fine morning, but the Mill Dam had a thin coating of ice over it, which very soon melted away, the day being mild

Hamiltons man began to letter the Tomestone about 11 o'clock, and at 3 o'clock, I changed the inscription and ordered sunk panels on 3 sides

William went to Brantford & Paris this morning,

October

THURSDAY 21

1875

This is quite a mild morning, and not
unlike rain,
noon, William, returned from Brantford at
And N Higginbotham and I intend leaving
for Montreal by the 5 o'clock train

FRIDAY 22

SATURDAY 23

October

MONDAY 25

1875

TUESDAY 26

WEDNESDAY 27

October

THURSDAY 28

1875

FRIDAY 29

SATURDAY 30

*This is a moderate morning & not hard frost but
it is time to take in cabbages &c which we are doing*

November

MONDAY 1

1875

Yesterday was a blustering morning with showers of snow and sleet and the afternoon also, likewise the evening

This morning though cold yet dry, and as the day advanced it became milder and the most of the snow melted away. We began this morning to clean out the Boiler of the Rectifying house, and had down the boiler maker from Ingles foundry who lightened the ends of the tubes and also a leak in front of the fire box where a crack was discovered, & he got done by dark.

We also took down the shafting & straightened the line of it and put a Key into the coupling instead of the steel pin through it,

got up the Hall stone in Priory to day, William went down to Hamilton this morning,

TUESDAY 2

This is of any thing a colder morning & harder frost

WEDNESDAY 3

There has been a hard frost through the night and the Dam is all frozen over. We have begun this morning to fit up the New water pump for the Rectifying Pump.

This is the Monthly Fair Day

This is a frosty morning the Dam still frozen over
But the day turned out very fine, went out to
the Cemetery in the forenoon, and then started with
Mrs A down to Aberfoyle and found the roads very
hard

FRIDAY 5

This has been a moderate morning, but the
frost has an effect in reducing the water in the
Dam

SATURDAY 6

This was a fine mild morning
The forenoon has been milder than yesterday

The mildness of the afternoon induced me to get
some Mortar made and pointed up a great
many chinks in the logs at the East end of the
Priory, We are still working at the new
water pump - All three new fermenting
tuns are charged for the first time

November

MONDAY 8

1875

Yesterday was a most splended day, mild and Autumn like,

This is a fine morning though dull yet very mild, still the ice is on the Dam yet

I went up with the men with a load of turfs for the graves & got most all of them covered a fresh, & will finish them tomorrow

We are still working at the new water pump,

TUESDAY 9

This is a dull morning, but dry, yet looks very much like rain or snow, the temperature is about 30° to 31°

I went up again this forenoon and finished all the graves with fresh turf, and likewise covered the grave of the late Mrs George Worsley, and did not leave untill I had completed the whole by 1 o'clock

Started the Steam Engine this afternoon as the water is getting light

WEDNESDAY 10

It has been raining all last night and this there is a coat of snow on the ground and still falling both rain and sleet which seems now to melt as fast as it falls

Went to repair the Water wheel of the Mill to day

A little frost this morning, but as the day advanced it became quite mild and soft, and turned out a very fine day.

A Mr Robertson from Glasgow was here to day, he is a flour and Butter Merchant. Have been making some iron Barrels for holding hot ashes when taken out of the Stoves.

Went out to the Great Western station to meet Alfred Stoud.

FRIDAY 12

This was another very fine morning, and as the day advanced, it became an exceedingly pleasant day.

In the afternoon, Mrs B & I went out to see Mr Alexander, and found him but moderately well.

Between steam and water we are running 5 pair of stoves at present,

SATURDAY 13

This was quite a different kind of morning cold, and snowing but it melted as fast as it fell, but during the middle of the day it was not so bad, a great many buggies and waggons in town to day, & there was a well filled market, We have 5 pair of stoves on to day also,

Yesterday was quite stormy and a good deal of snow fell, which made walking to Church rather unpleasant. It is somewhat milder to day but light showers of fine snow is still falling,

Which continued during the day off & on.

Attended our annual Church Meeting for the election of Office bearers & examination of accounts. Peter Edgington was here and both called at Guthrie's Office & got a statement of accounts also a Cheque for \$157.15 which Mr Edgington took charge of.

TUESDAY 16

This is a stormy morning, snow falling pretty heavy but as the ground is very wet, there is less prospect of laying, so as to make sleighing. It is stated to day that Mr J. Williamson of the Golden Lion has bought the shop he is in at present for \$13,500 from F Chadwick & also the shop next to it from Sandilands for \$11,000, so that property is not falling in value. William Fisher came home from Montreal through the night.

WEDNESDAY 17

There was hard frost last night, the glass stood at 20° at 7 a.m. more snow has also fallen so that the ground is all covered with snow but by no means enough for sleighing. Have begun this morning to break out stuff for 2 more fermenting Tuns of same size as those made last, Wm Fisher is helping with the Tuns. I attended the funeral of the late James Wallace who died at Orangeville & brought to our Cemetery, he was 77 years old,

November

THURSDAY 18

1875

This is a cold blustry morning, with occasional showers of snow, there was frost last night which froze the ruts in the roads and made them very rough. I went down to Toronto by the 11 a.m. train to meet Guest. We sent all the planks for the tuns up to Stewarts planing mill and got them all done in about 5 hours, planed on both sides,

David, Andrew and Annie have the measles

FRIDAY 19

This is a mild morning and the streets are wet. As the day advances the snow is melting away. I returned from Toronto at 10 O'clock

SATURDAY 20

This is a moderate morning the glass at 32° as the day advanced, it became quite mild and the roads slushey

It froze pretty sharp last night, at 7 this morning the glass stood at 20° below freezing, but became milder as the day advanced.

I went up to Raymonds new shop, to examine their boiler feed pump, but found it far too small for my purpose. I found them talking out their heater out of the grounds, which described on the 5th October. And he is now putting in another of the same construction, but 44 inches diam instead of 36 inches, and 200 two inch tubes 15 feet long, in place of ~~30~~ 30 three inch tubes 12 feet long, the new shell is made of 3/16th plates.

M.P. Ryan Esq. M.P. of Montreal has failed

TUESDAY 23

This is a milder morning but dull and dark, and turning to thaw, and after breakfast the mist felt like fine rain, have been at the Foundry looking for a larger feed pump for the distillery boiler, but on further consideration it was thought that to increase the speed of the present one would do, & have resolved to try that.

Called in at the gas works and found that they have got their boiler built in all the pipes round the walls for heating and that they will start the fire for the first time this afternoon.

WEDNESDAY 24

This is a dull cold morning, threatening snow.

But as the advances it is getting much colder and the wind blowing pretty fresh from the N.West we are getting on well with dressing the edges of the staves for the tuns.

This was a very sharp morning 18° below freezing. The ice on the Dain strong enough for plenty of skaters taking advantage of the dry day I may say fine winter day though cold.

I had to place a Constable in charge of the Bridget farm houses, as Mr Hewar who was granted leave to live in the house while he was in the employ of the tenant Alfred Stroud but after his services were discontinued he persisted in staying there after the lease had expired on Sabbath the 21st and began to remove floors & doors from the outhouses which I stopped.

I have got all the staves dressed on the edges now & the 2 bottom ready. Johnston Gibson took away his tool chest this afternoon.

FRIDAY 26

This is a wet morning and quite a change from yesterday, and during the forenoon it rained for some time, and the afternoon it also rained and continued dark all the time.

The roads are getting sloppy again. Mr Weir from Thorald called, he is from Straven in Scotland.

SATURDAY 27

This a somewhat better morning.

As the day advanced it became better but clear and cold for some time in the afternoon.

Mrs A & I went out to see Mr Alexander and found him very poorly.

November

MONDAY 29

1875

This is a cold morning, the wind strong from the North & N. West & blew hard all night. As the day advances it is getting colder, the wind is desperately cold.

Went out to the York Road farm and allowed Hewar to take away the things he left, and I got the Key of the House,

TUESDAY 30

This is another cold morning at 6 O'clock the glass stood at 7 below Zero, and at 7 a.m. it was 3° below.

December

WEDNESDAY 1

The frost is not so keen this morning and the snow is making its appearance more freely.

This was more of a wintry morning, with showers of snow

FRIDAY 3

This morning the glass was 17° above zero and turned out a very fine day.
This was our Fast Day in our Church

SATURDAY 4

This is a soft foggy morning, and as the day advanced a thaw came on which made the streets sloppy

In the afternoon a drizzling rain came on being short of cut firewood we set to work with a fair supply of water and cut a very large pile of it. We have now got the first fermenting tub finished after the men having off at other work for 3 days or so, Mr Alexander is not so well this morning,

Yesterday was a very unpleasant day for walking light rain fell and froze as it fell making the road extremely slippery. in going to church & continued all day.

This morning was of any thing worse having continued raining & freezing during the night and all day, much the same as yesterday.

The men took the staves of the fermenting tun apart after fitting the hoops, and laid down the bottom of the next, Dobby was absent all day.

It began to snow in the evening and about 2 or 3 inches fell,

TUESDAY 7

There is a fine coating of snow on the hard icy ground but about 9 a.m. a fine rain like wet-mist began to fall, and about 10 it turned to rain, which if it continues destroy the prospects of sleighing,

Towards the middle of the afternoon John & I went out to the York Road farm in the cutter for the first time this winter, to examine the ground for the best locality for Building 2 hogpens, & also with the view of taking advantage of the best site for not creating any nuisance

WEDNESDAY 8

This morning began with a shower of snow which made it excellent sleighing,

I went out with Mr Gideon Hood to see if it would suit to build them on the Rocks farm next to the inside creek, But he considered it by far too great a distance to haul the slop,

And will therefore have to build them on the nearest farm, I got advice from Guthrie on the Law of nuisance

William and Heigenbotham went down to Hamilton this evening,

There was more snow falling this morning and a little during the day. Great hurry is making in ~~into~~ the New Town Hall to get it properly washed out, the Plastering is finished & all the scaffolding out of the way. The Leque for Duties today was no less than \$9257.74

William returned by the last train this evening.

FRIDAY 10

A little snow falling this morning, and the weather is mild. This is the Fat Cattle Show day and a great many fine large animals were exhibited. Oxen, sheep & pigs, and a splendid display of Fowls of all kinds, and the day turned out exceedingly fine, which brought a great many people into Town, and many from a distance to attend Kennedy's Concert for the Opening of the New Hall in the addition of the Market House,

SATURDAY 11

It is snowing pretty close this morning, and will greatly improve the sleighing. And during the day there was frequent showers of snow.

Yesterday morning we found a fresh coating of snow

This morning we find a heavier coating which will add greatly to the sleighing which is now very good. But as the weather is very mild and the drops falling from the roofs it may turn to thaw yet.

Both Alice & Eddy have the Measles. I had two of the Shotcreeds here to day Estimating for the construction of the 2 large hog pens I was about to build, on the farm on the York Road, The price of the lumber laid down here from Barry at \$11 per M set out on the ground is the only reasonable portion of cost. More snow has fallen this evening. J.C. Couper was here to day.

TUESDAY 14

This is a fine pleasant winter morning, a little snow has fallen during the night, there is a pretty full market to day. It is positively ascertained that important documents have been Registered that was promised should not be done without some urgent cause or breach of faith,

WEDNESDAY 15

This is a fine winter morning with a light shower of snow, The wind is from the South East, and frequent showers of snow through the day.

December

THURSDAY 16

1875

This is a cold morning with a light flurry of snow but through the day it got milder

Higinbotham & I went up to Stratford by the 6 o'clock train, and was met at the station by John & his ^{gray} ~~black~~ team, the night was cold and stormy and drifting a good deal,

FRIDAY 17

This was a pretty cold morning in Stratford we left by train at $\frac{1}{2}$ past 9.

Have men out at the farm fixing a pump to clear the lower floor of the Barn of water,

between 5 & 6 the Thermometer stood about Zero

SATURDAY 18

This is a very sharp morning at 7 a little below Zero the middle of the day it was clear and the sun shone out for a while, The men went out again to deepen the well for the pump at the farm

Yesterday was a very cold day, at 8 o'clock it was 5° below zero and about 11 and we went to Church 1/2° below zero and at 10 p.m. was again 5° below

This morning at 1/2 past 6 a.m. it was 9° above zero, and became milder as the day advanced, and after 2 p.m. it became quite soft on the roads and has the appearance of a thaw,

The men were out at the Barn, with the pump again & to bring it in to thaw it,

TUESDAY 21

This is a mild morning and the roads quite soft, and the water beginning to drop from the eaves, As the day advanced it began to rain lightly and continued so more or less all day

The men were out at the farm fixing the protection for the pump

WEDNESDAY 22

This is another soft morning & quite mild

And as the day advanced the streets became very slushy and the gutters running with water, the snow is mostly washed off the roads and poor prospects for sleighing at Christmas

Rec^d Interest to day on Mrs. McLeans, Mortgage from Thomson & Jackson \$20.88

Mr. Alexander very poorly to day

This is a remarkably fine mild morning the sun shining out, but the streets and crossings are very muddy, and little or no snow except along the hard trodden part of the roads and the sides of fences in the country. P Edington came up this morning, He drew, Agness, Interest, & Thomas & Jackson viz \$32 his \$4 advanced & I paid her \$28, she paid me \$4 on 9/10 of what I advanced, leaving \$1, due me,

The Execution of _____ for the murder of his wife took place in the Jail yard this morning he died without the least struggle whatever, I have been repairing the Steam Mill bridge, Mr Alexander very ill last night some better this morning, Mrs A and I went out in the afternoon and found him on the sofa & labouring hard to get up the phlegm & talked more than he has done to me for 3 weeks past

FRIDAY 24

This is a very different kind of morning hard frost and the mud all frozen dry, yet it is dull & dark & were it not for the high wind it would snow

About 1 O'clock it began to rain a fine shower of partly rain & partly fine hail and froze as it fell making the roads very slippery.

Mr Alexander is of any thing a little better this forenoon, The Butchers have opened out to day a Splendid display of meat of all kinds in the new Market, where there is plenty of room to exhibit it to advantage

About 8 O'clock it rained hard and must have continued for some time,

SATURDAY 25

This is Christmas morning, mild with a little drizzles rain, went round all the works, which were going, and had only returned to begin Breakfast when James came to inform me that the stop pipes next the bats had broken down, I went forthwith & got John McPherson, John & W Fisher was sent for, and all was got ready in a short time, the roads were wet & sloppy, We dined at Heigibothams, and towards evening it dried up & froze hard

A great many young folks were skating on the dam till late at night, the ice was fine for it

Sabbath there was a coating of snow of an inch deep had fallen, shortly after a fine shower of rain began and continued both going and returning from Church, & during the afternoon also, between 4 & 5 a heavy shower came on, with thunder & lightning the water overflowing the eve troughs, and thickened, so as to prevent it running, it got dark very soon at 7 p m the glass stood at 44° with less rain but dark

But to day it was quite dry and the roads quite hard, but abundance of water running over the dam, Broke the driver of No water mill

TUESDAY 28

There was pretty hard frost this morning, the roads quite dry, the mornings are dark, men can hardly see to work before 1/2 past 7. William went down to Toronto by the 11 o'clock train

Had meeting of Insurance Directors to day leuced assessment for 5% per cent, appointed delegates to parliament to watch Bile now introduced

Got David Startup now on a visit to repair the work of Gin still

WEDNESDAY 29

This is another mild morning for this time of the year, the roads are almost good, slipping from the very mist settling on the ground and freezing, but the waggons are more in use for any distance or with a load, David Startup, has been all day at the Gin still, And as the Beer Pump is getting very frail and bursting out in the sides every little while, & having heard that one Party in Toronto has made some lately I will go down & see what like they are tomorrow before ordering from Cincinnati

This is also a mild morning like an April one and intend leaving by the early train for Toronto. And William had to leave for Paris & Brantford. In Toronto I found business very dull & not as usual at the last of the year, I went to several of the Engineer shops to see if any of them had made or could make within a short time a force pump for the Distillery & failed to get any thing to suit.

The streets were in a great mess with mudd

FRIDAY 31

This is a very fine morning the glass about 40°, and in the forenoon about 45° and really charming weather, We are very busy taking stock of the Mill & Distillery, William returned from Brantford by the noon train & finds that Brown must go to the mill,

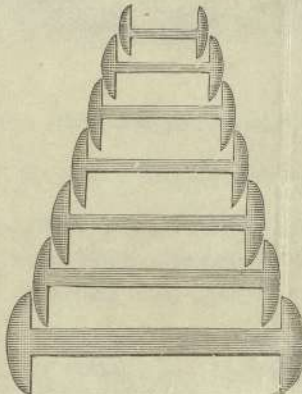
SHELDON.—You can't pull them out, and I never had any break ; but Jones told me they did, and I went over to see how it was. I found they had but two studs in a 6 inch belt, and these were the largest size. Now I put eleven in a 6 inch belt, either number 1's or 2's, then they are near enough together to make a bearing across the width of the belt as they are in the cut. The directions say the stud need be but little longer than to go through the two thicknesses of belt, so when the belt is drawn over the pulley the curve will be equal to the line in the end cut.

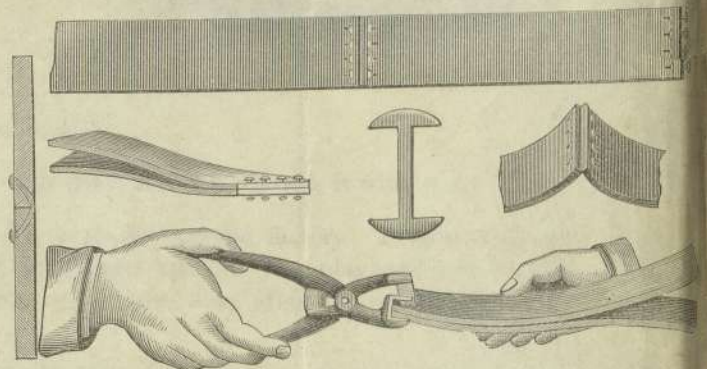
PETERS.—How do you cut the slits ?

SHELDON.—You can cut them with a knife if you are careful to cut even, but it is better to have their cutters, which are graded to cut just right. The large one for No. 00 and 0 cuts $\frac{3}{8}$ inch from the edge, the small cutter for No. 1 and all sizes under cuts $\frac{1}{4}$ inch from the edge.

PETERS.—How are they put up, and what is the price ?

SHELDON.—They are packed in boxes of one hundred each, printed directions for applying them on each box.

No. 5		Per Box, 75
" 4		" 90
" 3		" 1 00
" 2		" 1 50
" 1		" 2 00
" 0		" 2 50
" 00		" 3 00



CUTTER FOR RUBBER BELTS.....	\$1 50
" " LEATHER "	1 00
AWLS.....	25

PETERS.—Where can I get them ?

SHELDON.—You can get them of

H. D. EDWARDS & CO.,

16, 18, 20 WOODWARD AVENUE,

DETROIT, MICH

WHOLESALE DEALERS IN

Mill, Railroad, Engineers' and Ship Chandlers' Supplies

The largest Supply Store in Michigan. Their goods are first-class and prices low.

They carry the largest stock in the West of

RUBBER AND LEATHER BELTING, PACKING, HOSE, CORDAGE, &c.

Send to them for

NAVAL STORES, CORDAGE, LATH YARN, COTTON WASTE, CANVAS,
 SAILS, BLOCKS, OILS, COTTON BELTING, LACE LEATHER,
 LINEN HOSE, BELT HOOKS, HEMP PACKING, SOAPSTONE PACKING, EMERY WHEELS,

They have sold the Belt Studs for many years, and know them to be the best fastening in the world and always recommend them to their customers.

The Secret of Prosperity!



PETERS.—How are you to-day, Sheldon? How is trade?

SHELDON.—Ah! Peters, how are you? Trade is very good with me; how is it with you?

PETERS.—Oh, I don't know, rather dull; things don't go well at the factory. I believe it costs me a profit more to manufacture than it does you; one of our large belts tore out yesterday, and it took us more than four hours to relace and start again, and all that time forty men were idle. It probably cost me over fifty dollars.

SHELDON.—Why don't you use **BLAKE'S BELT STUDS**? The largest and best Cotton and Woolen Mills in the country use them, and so do all manufacturers, large or small, who have due regard to economy. I have used them altogether for eight years, and know them to be the most reliable and cheapest fastening for rubber or leather belts you can use. That 12 inch belt you see running there, is fastened with No. 2 studs, and has been running, without any change, over five years.

PETERS.—Well, I suppose I ought to use them. I know they are good. I got one box and put some belts together myself, five years ago; they run first rate.

SHELDON.—Why did you not continue to use them?

PETERS.—Well, I hardly know. Some of the men thought they could not put them in so easy, and as it was such a little thing, I neglected to attend to it as I should.

SHELDON.—“*Little thing!*” That is where you make a mistake. Economy in little things is the way to make money these times. Now, those studs save me a good deal of money; they are cheaper, they last longer, and as they don't wear out like lacing or hooks, the men don't lose time while belts are being relaced; then they save the belts. Besides all that, I would not have a man in my factory that could not put them in. Why, they are so simple and easy to put in that the youngest boy I have can use them.

PETERS.—How do you make out they save belts?

SHELDON.—Why, you know to fasten a belt with lace or hooks, you have to punch out the holes, and thus weaken the belt so much; then the strain all comes in those holes, which often tear out, while to put the studs in, no stock is taken out, and if the studs are put in near together, according to directions on the box, the bearing is across the whole width of the belt, and is as strong there as any other part. An old belt, too rotten to lace, can be put together with studs and last some time.

PETERS.—Don't they sometimes pull out or break?