

The "1900 GRAVITY" WASHER



THE 1900 WASHER CO.

357 YONGE STREET

TORONTO, CANADA

How the "1900 Gravity" Washer Works

IN watching the pendulum of a clock swing to and fro, did you ever stop to think why it keeps on swinging?

Well, there are two forces that keep it going—the mainspring of the clock furnishes one, and Gravity, that mysterious power that makes an apple fall to the ground, or a stone roll down hill, is the other.

When the pendulum starts Gravity pulls it along, and it gains force sufficient to carry it clear to the opposite direction.

—Just a little power from the mainspring to give it a start, and Gravity does the rest.

See the picture on the opposite page.

It's our new "1900 Gravity".

This washer that runs by the help of Gravity is really the most remarkable washer you ever saw,—and what's more, it will wash a tub full of clothes in six minutes.

You will note from the picture that there is, first of all, a sort of stool or frame.

Well, now notice the tub.

It sets on an iron frame. This iron frame is attached to a center pivot, or steel shaft, which runs down through the center of the base of the washer, and is held up by the two S shaped links hung between the legs.

These S links support the entire weight of the tub, and are free to move in any direction.

We might compare the base construction of this washer to a common rope swing. The Cross Arm at

the bottom of the steel shaft might be likened to the wooden seat of the swing. The S Links are to this washer what the ropes are to the swing.

Now, let's grasp the handle of the tub and twist it half way round in either direction (as shown on opposite page) and let go.

What will happen?

Pay close attention and you will plainly see how this washer runs itself by the aid of Gravity.

When we twist the tub the S Links cross, just the same as the ropes of a swing would cross if you sat in it and twisted yourself half way around.

When the ropes are crossed you are further off the ground than when they hung straight down.

And so it is with this washer.

When the S Links are caused to cross by twisting the tub, the tub rises in its whirling motion.

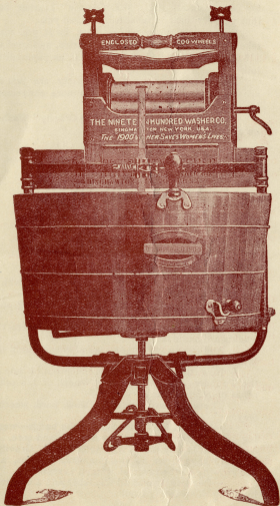
The tub will, of its own weight, fall, and whirl back again in the opposite direction, and, with a little help, keep on whirling, and rising, and falling, like the pendulum of a clock swings to and fro.

So much for the whirling, and the up and down motion.

Now, let's see how it's made to wash clothes.

MAIN FACTORY OF THE 1900 WASHER CO.





Tub turned half way around, causing the links to cross. Note how much higher the tub is from the base than on the first page.

How It Washes Clothes, and How We Prove It

THE bottom of the tub is provided with slat-paddles.

There is a round disk, or agitator, with 28 round holes, and rows of slat paddles, that sets down over the clothes to be washed.

This round wooden disk is held firmly in position and kept from moving up or down, or turning around with the tub, by metal arms reaching out from both sides of the top of the framework of the washer which are fastened to the disk by means of a lever lock.

Well when you want to wash this is what you do:

You put the clothes, the water, and the soap in the tub.

Then you lay the round wooden disk on top of the clothes, and fasten it in position so that it can't slide up nor down, or turn around. This disk should not be down too tight on the clothes. When locked it should be about one inch above the clothes.

You grasp the handle of the tub, and revolve it back and forth.

The tub will swing back and forth, and rise up, and drop down, as heretofore described.

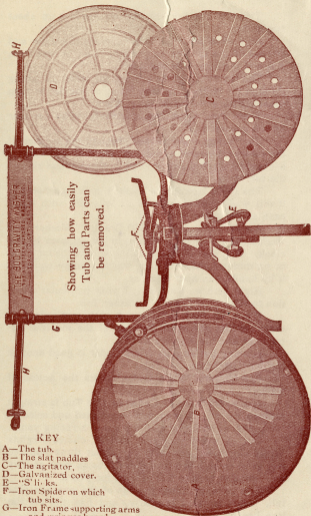
Now, let's see what happens by this continuous and repeated movement of the tub.

Soon as we revolve the tub to the right, that revolving motion starts the soapy water in the tub turning with the tub to the right, because of the slat-paddles on the bottom of the tub, and on the under side of the disk, which then drives the water on through the meshes of the clothes.

So much for the whirling motion—now let's see about the up-and-down motion.

Now, when you swing the tub part way around the S Links cross.

THE "1900 GRAVITY" WASHER



Showing how easily
Tub and Parts can
be removed.

KEY

- A—The tub.
- B—The slat paddles
- C—The agitator,
- D—Galvanized cover.
- E—"S" li. ks.
- F—Iron Spider on which
tub sits.
- G—Iron Frame supporting arms
and wringer board.
- H—Iron arms that hold agitator in position.
- I—Board for attaching wringer to.

This lifts the tub with the clothes in it up about two inches.

And, when the tub lifts, it squeezes the water and dirt out of the clothes by pressing them between the disk and the bottom of the tub.

The revolving of the tub sets the water swashing through the clothes, and the lifting of the tub in turn squeezes the dirty water out of them.

There's no scrubbing, stretching, wear nor tear on the garments.

Just soapy water driven through the meshes of the clothes by turning the tub, and that same water squeezed out of them at each revolution and rise of the tub.

The finest lace can be washed in this washer, and it will wash heavy blankets or overalls with equal ease and rapidity.

A child can run the "1900 Gravity" Washer, and wash a tub full of dirty clothes in six minutes by the clock. And that child's washing will be better done in six minutes than a strong washerwoman could do it by hand in an hour or more.

Right here we want to call your particular attention to the "1900 Gravity" Washer Tub.

It's a tub that, with proper care, won't warp or crack, shrink nor swell, because of the material it's made of and the way we build it.

Nothing but Virginia White Cedar is good enough for our "1900 Gravity" Tub.

For Virginia White Cedar resists the action of water.

And every piece of Cedar in this Tub is straight grained, thoroughly seasoned—examined and selected for quality as carefully as the wood in a racing yacht.

Out of every thousand feet of choice Virginia White Cedar we can only get about three hundred feet good enough to make these Tubs as good as they are—good enough to last at least ten years.

This is many times the life of the average pine tub, which is used regularly, and has the old flat iron hoops.

No flat iron hoops on the "1900 Gravity" Tub—

They are round steel wire hoops, welded by electricity and driven tightly into grooves in the wood nearly half their depth.

No water can get under these hoops to rust them away, as with other hoops, because these large, round, galvanized, steel wire hoops compress the wood so tightly that it presses against the wire like a cork in a bottle.

You'll have lots of satisfaction with this tub.

And the best washer in the world would be poor buying without the best tub to make it last.

We have tried to tell you by means of words and pictures how the "1900 Gravity" Washer works, what it will do, and how it does it.

But we want to do more than merely tell you these things—we want to prove them to you.

We know so positively that our "1900 Gravity" Washer will wash clothes in six minutes (far better than washboard washing in an hour or more) with hardly any labor, that we are willing to prove this up to you at our own expense and risk.

That's why we agree to send any person in Canada our "1900 Gravity" Washer free for a month's trial. If your credit is good at home it's good with us.

We don't ask a cent of deposit, nor a bond, nor a promise to pay.

We ship it anywhere free, and pay all the freight ourselves.

You wash with it just like you owned it.

If it won't do all we say it will, just ship it back to us without a cent of risk or expense, and we will pay the freight back, too.

When, at the end of the month's free trial, you find out that it actually does save over half the time in washing, and two-thirds of the labor, and practically all the wear and tear on clothes, then you do this—

You agree to send us part of what it saves you each week on washerwoman's time, or on your own time, if you or your servant do the home washing.

You send us 50 cents a week (or \$2.00 per month) for 36 weeks, till the "1900 Gravity" Washer has thus paid for itself in what it has saved you.

If you insist upon paying cash for it, you may take \$3.00 off the savings account price, and send us \$15.00 at the end of the month's trial, as payment in full.

But weekly savings paid monthly are just as acceptable to us as the cash, if it is more convenient for you to buy it that way.

Now, shall we send you a "1900 Gravity" Washer on a month's free trial?

THE 1900 WASHER CO.

TORONTO, CAN.

THINK THIS OVER

How did your Mother do the washing?

With a washboard!

How did your Grandmother wash?

With a washboard!

How did your Great-Grandmother wash?

With the washboard, of course!

Going still further back, they washed with a wooden "Pounder."

Well, instead of going back, or standing still, why should you not go forward?

The Pounder was good enough before the washboard came in.

And the washboard was good enough until the Washing Machine was invented.

Now, the washboard is as much out of date as the Pounder and the Spinning Wheel, or the other relics of older times!

The washboard way is the slow, hard, wearing way.

—Hard on the back—bad for the hands—wearing on the nerves, making muscles stiff and sore.

That is why the "1900 Motor" and "Gravity" Washers have been an instantaneous success, and are growing in the favor of women everywhere.

—Because it saves all this labor and annoyance by doing the washing itself!

THE 1900 WASHER CO.

357 YONGE STREET, TORONTO, CAN.



Home Comfort Wringer

We did not want to make wringers, but thousands wrote us that they desired a wringer as good as our Washing Machine.

Nearly all wringers look alike, and so the hardware stores cannot afford to carry the best, because they must ask a higher price for the best materials, and no woman can see difference enough in their appearance to pay the higher price.

On this account good wringers are as hard to get as good washers.

The chief difference between them is in the rolls. Good wringers, to do good work and last for years, must have solid rolls of Pure White Rubber.

The "Home Comfort" Wringer is made of the best material that money can buy. It has genuine solid White Rubber Rolls, guaranteed over our signature to wear for five years with hard use.

It is ball-bearing, has enclosed cogwheels, and a good, long handle to make the work of wringing easy, by giving plenty of purchase.

We send the "Home Comfort" Wringer out on the same four weeks' free trial as the washer.

After you use it four weeks you may keep it, if you so decide, and pay for it at 50 cents a week (or \$2.00 a month) for 16 weeks, or pay us \$6.50 cash at the end of the four weeks' trial.