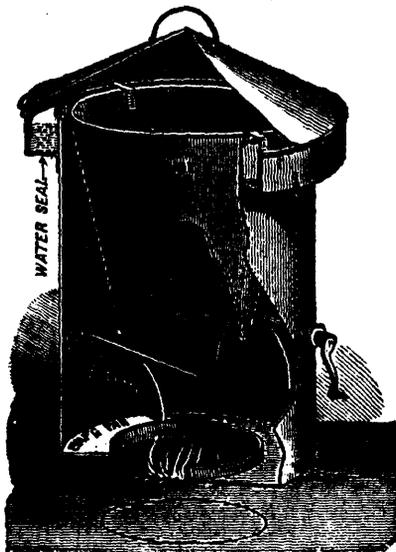




IMPROVED TIRE SHRINKER.

IMPROVED TIRE SHRINKER.

We illustrate herewith a new tire shrinker called the "Lightning," which has just been brought out by the Wiley & Russell Manufacturing Company, of Greenfield, Mass., widely known as makers of labor-saving tools, such as the "Lightning" Bolt Cutters and Screw Plates, Green River Drilling machines, etc. The jaws of a strong clamp controlled by a treadle stand open to receive the work, and the heated tire being bent or kinked is held firmly by the pressure of the foot as shown in the engraving, and is readily hammered into shape, the required shrinkage being secured in the operation. It is said a good hand can turn off a neat job, especially of light tire, with ease and rapidity in this way. This new tool is intended as a companion to the well-known Green River Tire Shrinker, made by the same firm.



THE DOMESTIC GARBAGE BURNER.

HOW TO DISPOSE OF KITCHEN GARBAGE.

The disposal of kitchen garbage is one of the standing annoyances to the cleanly housekeeper. In the country, or in the suburbs of our cities and towns, where the pig-pen is conveniently at hand, no trouble is experienced in ridding the premises of this form of refuse; but in the cities and towns the best regulated efforts for its removal are but indifferently successful, and in the summer season especially, when the attempt is made to save it, it speedily undergoes decomposition and becomes a putrid offensive and unwholesome nuisance, an abomination to the nostrils, and a menace to the health of those who are forced to inhale its disgusting emanations. To avoid this constant and often intolerable nuisance, many intelligent housekeepers adopt the sensible course of burning it in the kitchen range as fast as it accumulates. Where this is done properly, the method is effective and inoffensive, the gases and vapors evolved during the burning of the refuse being carried off with the other combustion products by the chimney, harmless and unperceived.

There are some practical objections, however to the plan of burning the refuse of the kitchen directly in contact with the fire, which are due chiefly to the fact that the stuff, composed largely of the parings and other rejected portions of vegetables, bones and other animal refuse, is largely charged with moisture. This water must first be driven off before the refuse will commence to burn, and this takes considerable time, or demands that the garbage shall be thrown in in small quantities at a time, which implies personal care and attention to the operation. The proper way to effect the burning of kitchen garbage, is manifestly first to thoroughly desiccate it and throw the dried material into the fire where it will be immediately consumed.

A very practical and excellent household apparatus for disposing of kitchen garbage upon this plan is shown in the accompanying engraving, and will be understood from the following description: It consists of a pail for the reception of the garbage, provided with a set of perforations, and with a dumping bottom which can be closed to hold the charge or opened to dump it when dried, by turning the crank seen in the cut. This garbage pail is suspended within an outer cylinder having a circular opening in its base, so that it may fit over one of the openings of the range, and a close cover whose edge dips into a water-seal.

To use this apparatus, it is placed over one of the openings of the range. The dumping bottom of the pail is closed by raising the crank and putting the ring over the handle, the garbage is emptied into the pail, the water-seal filled, and the cover put on. After half an hour or so more or less, according to the nature and quantity of the garbage and the heat of the range, the contents of the pail will be found to be thoroughly dried, and may be dumped into the fire and burned by releasing the crank handle from the ring. During the drying of the charge all the disengaged vapors are either condensed in the water-seal or dissipated with the vapor from the evaporating pan. By the peculiar construction of the apparatus, the contents of the pail are hermetically sealed within it, and none of the vapors find their way out of it; consequently no unpleasant odors are given off during the operation. The desiccated garbage is immediately burned as it is dumped into the fire, and the whole operation is effected simply, expeditiously and with no disagreeable accompaniments.

The method and apparatus here described is worthy of the highest recommendation, not only because of its convenience and cleanliness, but also on the much more important ground of sanitary considerations. No intelligent housekeeper requires to be told that the foul emanations from putrefying garbage receptacles, which no amount of cleansing will suffice to keep clean, are, in addition to their extreme offensiveness, also in the highest degree unwholesome, in that they can become the carriers of the germs of pestilential fevers, which are most insidious in their approach and very frequently fatal in their results. To unwholesome influences of this kind the children of the household, by reason of their superior sensitiveness, and women, for the reason that their domestic habits keep them constantly exposed to their effects, are especially susceptible. We highly approve of the method and apparatus here described for disposing of kitchen garbage, as affording a simple, efficient and expeditious means of doing away with an offensive and unwholesome domestic nuisance.

The apparatus is manufactured and for sale at Myers' Sanitary Depot, 94 Beekman street, New York.

Mr. Myers' establishment is essentially a sanitary depot, not only for the sale of all improved plumbing goods, but for sanitary appliances of every description.