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WEEKLY.

"THE GREATEST POSSIBLE GOOD TO THE GREATEST POSSIBLE NUMBER."

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## OUR OWN APIARY.

### SOMETHING ABOUT WAX EXTRACTORS.

NOW that bees are or will be in winter quarters within the next few days it is seasonable that we should talk a little about clearing up the refuse of the bee-yard. Empty combs will all have been put away and broken pieces and cappings will, or should be carefully preserved in a tank or keg of some kind; these you will desire now to render into wax. There are different kinds of wax extractors in the market. The "Solar" you will find described on page 529, of the current volume; the extractor which we manufacture has, however, never been described in the BEE JOURNAL though it has been advertised in our catalogue for the past two years. Just now it may be well to describe it, that those who have them may the more thoroughly understand them, and those who are without may see the necessity of having an implement of some kind for this purpose. We cannot do better than quote one or two paragraphs from the description of the extractor given in our patent papers.

"The object is to effectually separate the beeswax from dead bees and other impurities with which it is often mixed. The mixture to be melted is placed in a perforated basket, this within a vessel having a water compartment at the bottom which compartment communicates directly with the basket containing the wax so that when the water becomes



FIG. 1.

heated the steam arising will penetrate the mixture and cause it to melt. Figure 1 represents the extractor complete; fig. 2 shows the perforated basket which sets inside the extractor; while fig. 3 shows the basket and perforated tube which runs up from the centre and by which the heat reaches the heart of the mass and greatly assists and expedites the work of melting. Below the basket in fig. 3 you will see the shield on which the melted wax drops and through a small tube running downward it is carried to the basin at the side of the extractor.

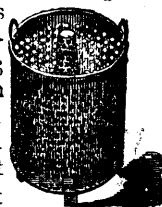


FIG. 2.

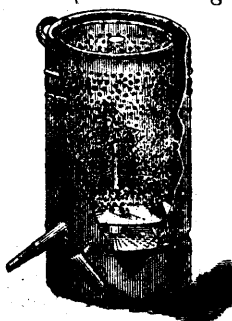


FIG. 3.

The spout running upwards and which appears larger at the top than bottom leads into the water chamber, it is through this the water is poured. With this arrangement it is unnecessary to lift the perforated basket out when more water is required. Through this tube can be seen