

very little left. About 35 have none. I was thinking of feeding the best of them and letting the rest die. Last year was a failure and this is worse still."

New Inventions at the Dominion Exhibition.

The award of first merit was conferred upon a twelve frame Porticoed Langstroth Hive. The porticoe, which was the feature emphasized is fitted with a sliding screen in front to be used to close up the hive when moving the bees to a new location, or in case of robbing when extracting, or at other times: queen excluding metal may also be used in the porticoe making it serve all the purposes of a queen and drone trap.

Second award was given on an electric alarm bell with attachments which may be connected to any ordinary beam scale, the faintest turning of the beam instantly sets off the alarm thus drawing attention to the operation and in the case of weighing honey often preventing over flowing.

An electric wire imbedding outfit came next in order of merit, it included a battery and all the necessary tools. The current generated is sufficiently strong to heat one strand of wire at a time so it can by a little pressure be imbedded in the sheet of foundation.

The fourth award was given on an extracting super with notched frame rests which regulate the spacing of the frame.

Formalin not Explosive.

We have the following from Prof. Harrison in regard to a little mishap which we reported to him as having occurred to one of our readers when generating formalin gas over a spirit lamp;

"Editor C. B. J.,—I regret the delay in answering your letter but was absent when it arrived. I do not understand the cause of the explosion that you mention unless something went wrong with the spirit lamp. Formalin is not explosive but I would caution you to be extremely careful to find out whether the formalin you supplied is of the correct strength as it is a very adulterated article. For disinfecting bee combs I advise the use of one-half more than is necessary in order to safeguard any weakness of the drug.

Yours very truly,
F. C. Harrison.

We are grateful to Prof. Harrison for his information regarding the variable strength of the drug and of its being subject to adulteration. These are points which, no doubt, have a great deal to do with the success or failure of a treatment.

As to the mode of generating the gas might say that an ordinary coal oil lamp with a heater on the top of the chimney upon which to set the formalin reservoir may be used with perfect safety. The flame can be regulated much easier and better than that of a spirit lamp.