THE "TRENCH" INCINERATOR,

BY

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THIS type of incinerator, originally designed by Staff-Sergt. Driscoll, of this Company, has proved of great value, both at home camps and abroad. It is easily constructed, and with the minimum amount of labour and material.

Four "T" irons or bars are laid across the trench and embedded in the wall 9 ins. from the floor. On these is laid a piece of corrugated iron, which has been perforated with a pickaxe. This forms the fire-plate (A, Fig. II.)

Three "T" irons are similarly laid across the trench 2 ft. above the fire-plate, and on these a second plate of corrugated iron is laid to form a tray on which faeces are dessicated

PLAN OF TRENCH

fig. I.

It consists of a trench 7 ft. 6 ins. long, 3 ft. broad at one end and expanded as in Fig I to 5 ft. at the other, and 4 ft. deep. The floor slopes 6 inches towards the narrow end to catch any rain water or urine which is evaporated by the heat of the furnace. Four steps are provided at the wider end for easy access to the apparatus.

and burned (B, Fig. II.). A space is left between the end of this tray and the back wall to form a flue.

Across the top of the trench a third piece of corrugated iron is laid on four "T" irons, this forms the roof. A hole about 18 ins. by 15 ins. forms a feed door, and this is provided with an iron cover (C, Fig. II.). A second

Fig. II

hole cut in the roof to the edges of which is rivetted a petrol tin forming the flue. Other petrol tins fastened to the end of the first, according to the height required for a proper draught, form the chimney. A flap door of iron is attached to the end of the roof, so as to close the faeces chamber (D, Fig. II.).

Earth or puddled clay is banked round the edges of the roof and chimney (A, Fig. III.).

Camp refuse is placed in the middle chamber and lighted, faeces are emptied through the feed door in the roof, and fall on plate B, and are dried and burned.

There is little or no odour given off, and the apparatus has the advantages that it is cheap, the material required is readily obtainable, and that both camp refuse and faeces can be dealt with efficiently.

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THE PRISONERS' CAMP AT GIESSEN.

We are able to reproduce a picture of the prisoners' camp at Giessen, where some of our own men are interned. The post-card was received from a soldier in the Royal Irish Rifles, who is at present detained there as a prisoner.