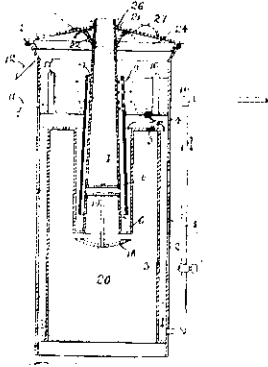
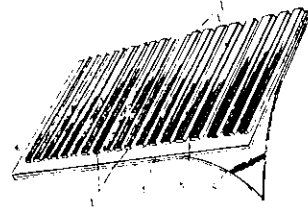


**Water Heater.**—A patent, No. 39,990, has been taken out by W. J. Dicker, of 49 Vivian street, Wellington which relates to heaters of the type described in New Zealand patent No. 38,165. According hereto, instead of feeding the cold water into a reservoir in the top of the apparatus as in the former invention, the cold water is fed to the bottom of the water-jacket, and the water thus travels in a winding course until it



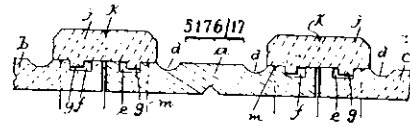
passes into a reservoir in the top of the apparatus. It is found that this construction gives better results than in the case of No. 38,165, because in the former construction, at times when the fire is strong, a pressure of steam periodically checks the downflow of cold water. Moreover, the former construction in which the draw-off pipe was placed internally in the furnace was more difficult and expensive to manufacture satisfactorily.

**Composite Board.**—A patent, No. 39,853, has been taken out by Noyes Bros. Ltd of Sydney. The invention consists essentially of a combination of wooden laths spaced apart and



secured by asphaltic or bituminous mastic cement to one surface of a waterproof roofing-felt or similar material of bitumen and paper, the other or plain surface being exposed to the weather.

**Roof Covering.**—A patent, No. 5,176, has been taken out by W. J. Properjohn of Western Australia for a roof covering



1 figure, 1 claim

which consists of a grooved covering board for roofs or walls, in which recesses E and F are provided to accommodate tongues G on the covering battens J.

**MAKES  
CEMENT  
WATER-  
PROOF**

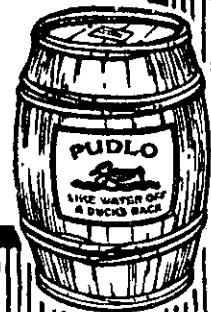
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