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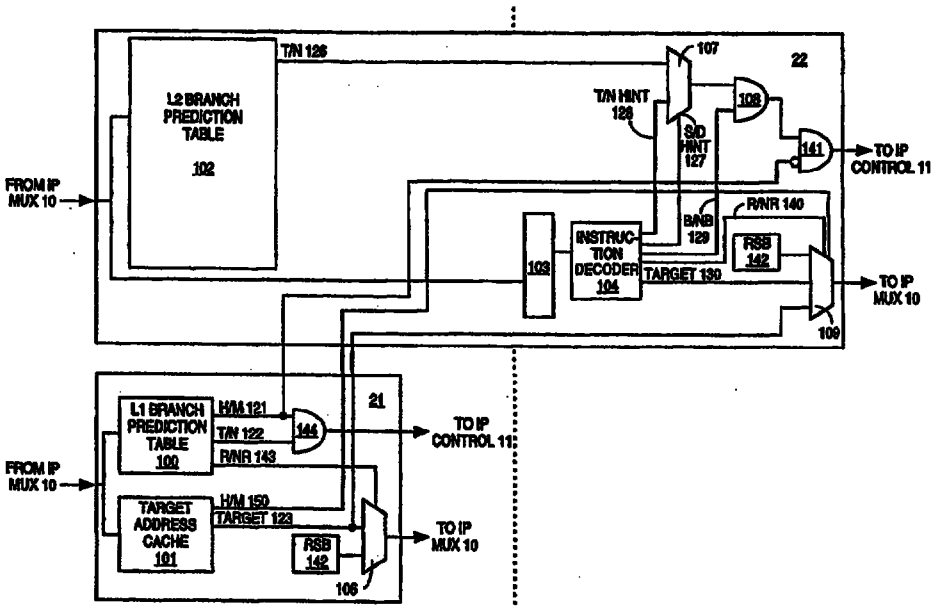
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(54) Title: A METHOD AND APPARATUS FOR BRANCH PREDICTION USING A SECOND LEVEL BRANCH PREDICTION TABLE



(57) Abstract

A branch predictor. A first branch prediction table (100) is coupled to an instruction pointer generator (11) to store tagged branch prediction entries and to provide branch predictions at high speed. A second branch prediction table (102) is also coupled to the instruction pointer generator (11) to store untagged branch prediction entries and to provide branch predictions for a much larger working set of branches, albeit at a slower speed.