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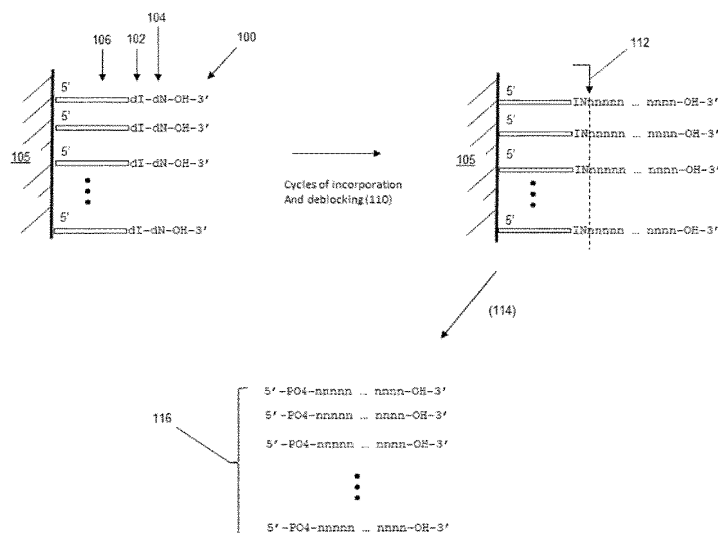


FIGURE 1

(57) Abstract: The present invention is directed to methods and kits for template-free enzymatic synthesis of polynucleotides that include or enable a step of efficiently cleaving the polynucleotide products from its initiator using an endonuclease V activity and initiator with a 3'-penultimate deoxyinosine.

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