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(54) Title: BIOACTIVE SYNTHETIC COPOLYMER, BIOACTIVE MACROMOLECULE AND RELATED METHODS THEREOF

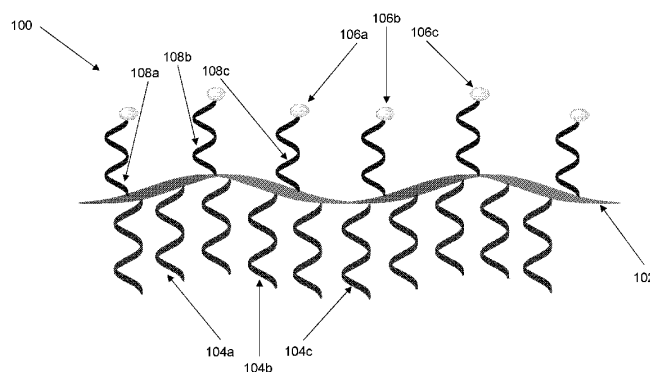
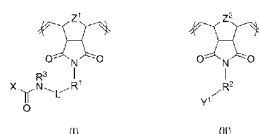


FIG. 1

(57) Abstract: There is provided a bioactive synthetic copolymer with a poly(norbornene) backbone comprising one or more repeating units represented by general formula (I) and one or more repeating units represented by general formula (II). Also provided are a bioactive macromolecule, a material comprising said bioactive synthetic copolymer, a method of preparing said bioactive synthetic copolymer and a method of preparing said bioactive macromolecule.

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