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- [54] POLYMER-BOUND NITRIC OXIDE/NUCLEOPHILE ADDUCT COMPOSITIONS, PHARMACEUTICAL COMPOSITIONS AND METHODS OF TREATING BIOLOGICAL DISORDERS
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- [58] Field of Search ..... 526/311; 514/611; 424/78.08; 525/377; 528/422

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### [57] ABSTRACT

A polymeric composition capable of releasing nitric oxide including a polymer and a nitric oxide-releasing N<sub>2</sub>O<sub>2</sub><sup>-</sup> functional group bound to the polymer; pharmaceutical compositions including the polymeric composition; and methods for treating biological disorders in which dosage with nitric oxide is beneficial. The compositions can be used as and/or incorporated into implants, injectables, condoms, prosthesis coatings, patches, and the like for use in a wide variety of medical applications.

22 Claims, 2 Drawing Sheets

