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[54] BIOLOGICALLY COMPATIBLE COLLAGENOUS REACTION PRODUCT AND ARTICLES USEFUL AS MEDICAL IMPLANTS PRODUCED THEREFROM

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[52] **U.S. Cl.** **623/6**; 623/5; 623/11; 623/1; 623/66; 128/DIG. 8; 424/422; 424/423; 424/427

[58] **Field of Search** 623/4, 5, 6, 11; 527/201; 128/DIG. 8; 424/422, 423, 427, 429

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[57] **ABSTRACT**

The present invention provides a biologically compatible collagenous reaction product comprising ethylenically unsaturated or polymeric substituted collagen, the monomeric substituents being essentially free of nitrogen, e.g., methacrylate, styrene, polyvinyl, ethylene. The collagenous reaction product can be polymerized, e.g., by exposure to UV irradiation, chemical agents or atmospheric oxygen, and molded to form useful medical implant articles. Methods of preparation are also provided.

9 Claims, 1 Drawing Sheet