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(54) **PROPHYLACTIC AND THERAPEUTIC MONOCLONAL ANTIBODIES**

(75) Inventors: **Tran C. Chanh**, Lovettsville, VA (US);
Gerard P. Andrews, Laramie, WY (US);
Jeffrey J. Adamovicz, Thurmont, MD (US);
Bradford S. Powell, Frederick, MD (US)

(73) Assignee: **The United States of America as represented by the Secretary of the Army**, Washington, DC (US)

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(58) **Field of Classification Search** 530/388.4, 530/388.1, 388.2, 809; 424/150.1, 141.1; 435/332, 326, 340, 346, 70.21; 935/89
See application file for complete search history.

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Primary Examiner—S. Devi

(74) *Attorney, Agent, or Firm*—Elizabeth Arwine

(57) **ABSTRACT**

In this application are described monoclonal antibodies which specifically recognize V antigen of *Y. pestis* and epitopes recognized by these monoclonal antibodies. Also provided are mixtures of antibodies of the present invention, as well as methods of using individual antibodies or mixtures thereof for the detection, prevention, and/or therapeutical treatment of plague infections in vitro and in vivo.

10 Claims, 3 Drawing Sheets