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(54) **Title:** BISMUTH-BASED ADSORBENT COMPOSITIONS FOR TREATING PROCESS STREAMS

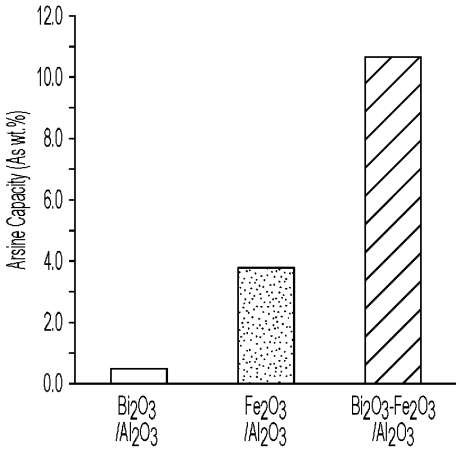

FIG. 2

(57) **Abstract:** An adsorbent composition comprises a bismuth material, an iron material, and a support material. The adsorbent composition is suitable for adsorbing one or more species from a process stream, such as an arsenic material, a phosphorus material, or a sulfur material.

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