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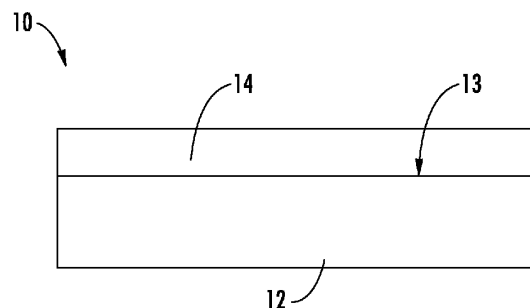
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(54) **Title:** HIGH TEMPERATURE DRY FILM LUBRICANT



**FIG. 1**

(57) **Abstract:** A coating precursor slurry is provided, along with its methods of formation and use. The coating precursor slurry may include an organic binder comprising a polymeric component and a hardening reagent; an inorganic binder comprising an aluminum-nitrogen compound, a barium- containing organic compound, a nickel-containing organic compound, an ammonia polyphosphate, and phosphorus pentoxide; active components comprising Mo, Te, and graphite; and a solvent.



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