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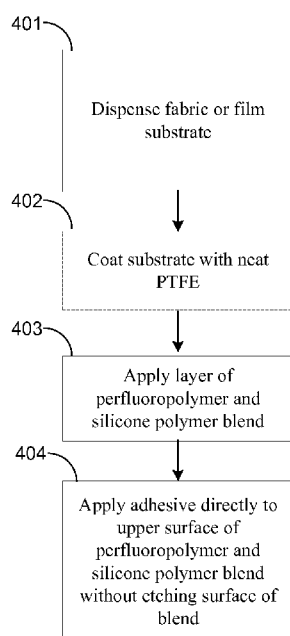
(54) **Title:** MODIFIED PERFLUOROPOLYMER MATERIAL

FIG. 4

(57) **Abstract:** An improved perfluoropolymer composite that uses a blend of a perfluoropolymer (such as PTFE) and a silicone polymer. By coating a substrate, such as glass fiber fabric, with a blend of a perfluoropolymer and a silicone polymer, an adhesive layer can be bonded either directly to the surface of the perfluoropolymer composite or to a perfluoropolymer composite that has been primed without the need to have otherwise treated the perfluoropolymer surface, such as either by etching or by the deposition of an intermediate coating containing colloidal silica or other similar agents, to make the surface bondable.



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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
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