

[54] **DENTAL RESTORATIVE COMPOSITE COMPOSITIONS AND FILLER THEREFOR**

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[58] Field of Search ..... **260/900, 998.11, 42.27, 260/42.53**

[56] **References Cited**

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[57] **ABSTRACT**

Polyfluorocarbon resin or polychlorofluorocarbon resin, especially polytetrafluoroethylene in powder form is added to a conventional inert inorganic finely divided filler for dental restorative composite compositions, in combination with conventional liquid polymerizable binder systems to provide a composite composition possessing improved mechanical properties, especially wear or abrasion resistance. As little as 1.0% by weight or less of the total weight of filler of the polyfluorocarbon or polychlorofluorocarbon resin powder imparts improved wear. Abrasion superior to conventional amalgams suitable for use on occlusal surfaces resistance is achieved.

**5 Claims, No Drawings**