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(71) Applicant: **GENERAL ELECTRIC COMPANY**
[US/US]: 1 River Road, Schenectady, NY 12345 (US).

(72) Inventors: **LANE, Scott, A.**: 14910 Hwy 196, Eads, TN 38028 (US). **AUSTILL, Timothy, W.**: 937 Green Oaks Drive, Memphis, TN 38117 (US). **ROLLEN, Donald, C.**: 885 Oakwood Lane, Collierville, TN 38017 (US). **CHAO, Herbert, Shin-I**: 1957 Glenwood Drive, Paoli, PA 19301 (US). **ZARNOCH, Kenneth, Paul**: 7 Horstman Drive,

Scotia, NY 12302 (US). **GUO, Hua**: 93 Dorchester Avenue, Selkirk, NY 12158 (US). **PARRILLO, David**: 6005 Banebary Drive, Schenectady, NY 12303 (US). **REIS, David, Peter**: 25 Sunset Avenue, Lenox, MA 01240 (US). **DEVANATHAN, Narsi**: 604 Stream Lane, Slingerlands, NY 12159 (US). **DAVID, Benny**: 12 Spruce Street, Great Barrington, MA 01230 (US).

(74) Agents: **SNYDER, Bernard et al.**: General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

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ACTION

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(54) Title: THERMOSETTING RESINS AND LAMINATES

(57) Abstract: Thermosetting polymers and the electrical laminates made therefrom are disclosed. The laminate comprises a cross-linked product of: a) one or more ethylenically unsaturated aromatic monomers, with fire retardation being optionally contributed by one halogenated monomer; b) a vinyl-terminated polybutadiene or butadiene-styrene copolymer containing either a urethane or an ester group; and c) a chemically modified polyphenylene ether resin, preferably low molecular weight chemically modified polyphenylene ether resin. It has been discovered that an unexpected combination of thermal, electrical, and mechanical properties are obtained from the composition recited herein. Therefore, the composition is ideally suited as a matrix polymer for electrical substrate applications.