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(71) Applicant (for all designated States except US): **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BRUNELLE, Daniel, Joseph** [US/US]; 4 Woods Edge, Burnt Hills, NY 12027 (US). **ACAR, Havva, Yagci** [TR/US]; 2009 London Square Drive, Clifton Park, NY 12065 (US). **KHOURI, Farid, Fouad** [US/US]; 6 Tamarack Lane, Clifton Park, NY 12065 (US). **GUGGENHEIM, Thomas, Link** [US/US]; 7160 Upton Road, Mount Vernon, IN 47620 (US). **WOODRUFF, David, Winfield** [US/US]; 20 Valencia Lane, Clifton Park, NY 12065 (US). **JOHNSON, Norman, Enoch** [US/US]; 1251 Tanglewood Drive, Mount Vernon, IN 47620 (US).

(74) Agents: **WINTER, Catherine, J.** et al.; Patent Counsel, General Electric Company, 3135 Easton Turpike (W3C), Fairfield, CT 06828 (US).

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Declarations under Rule 4.17:

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(54) Title: PHASE TRANSFER CATALYZED METHOD FOR PREPARATION OF POLY(ET)HRIMIDES

(57) Abstract: Polyether polymers, such as polyetherimides, are prepared by the reaction of a dihydroxy-substituted aromatic hydrocarbon alkali metal salt, such as bisphenol A disodium salt, with a bis(N-(chlorophthalimido))aromatic compound, such as 1,3-and/or 1,4-bis[N-(4-chlorophthalimido)]benzene, in a solvent such as o-dichlorobenzene and in the presence of a phase transfer catalyst such as a hexaalkylguanidium chloride. Several embodiments may be employed to improve the method. They comprise employing substantially dry reagents, employing a high solids level in solvent, beginning with an excess of bis(N-(chlorophthalimido))-aromatic compound and incrementally adding alkali metal salt, employing alkali metal salt of small particle size, and using reagents of high purity.

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