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(71) Applicant (for all designated States except US): **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) Applicant (for MG only): **IBM UNITED KINGDOM LIMITED** [GB/GB]; PO Box 41, North Harbour, Portsmouth Hampshire PO6 3AU (GB).

(71) Applicant (for all designated States except US): **CENTRAL GLASS CO LTD** [JP/JP]; Kowa-Hitotsubashi Building, 7-1 Kanda-Nishikicho 3-chome, Chiyoda-ku, Tokyo, 101-0054 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SANDERS, Daniel, Paul** [US/US]; IBM Corporation, Mail Drop K17e/e1, 650 Harry Road, Almaden Research Center, San Jose, CA 95120-6099 (US). **HEDRICK, James, Lupton** [US/US]; IBM Corporation, Mail Drop K17/e1, 650 Harry Road, Almaden Research Center, San Jose, CA 95120-6099

(US). **MANABU, Yasumoto** [JP/US]; Ibm Corporation, 650 Harry Road, Almaden Research Center, San Jose, CA 95120-6099 (US). **FUJIWARA, Masaki** [JP/US]; Ibm Corporation, Mail Drop K17/d1, 650 Harry Road, Almaden Research Center, San Jose, CA 95120-6099 (US).

(74) Agent: **GASCOYNE, Belinda**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).

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(54) Title: CYCLIC CARBONYL COMPOUNDS WITH PENDANT PENTAFLUOROPHENYL CARBONATE GROUPS, PREPARATIONS THEREOF, AND POLYMERS THEREFROM

(57) Abstract: A one pot method of preparing cyclic carbonyl compounds comprising an active pendant pentafluorophenyl carbonate group is disclosed. The cyclic carbonyl compounds can be polymerized by ring opening methods to form ROP polymers comprising repeat units comprising a side chain pentafluorophenyl carbonate group. Using a suitable nucleophile, the pendant pentafluorophenyl carbonate group can be selectively transformed into a variety of other functional groups before or after the ring opening polymerization.



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