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(71) Applicant (for all designated States except US): **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LOH, Xian Jun** [SG/SG]; c/o Institute of Materials Research and Engineering, 3 Research Link, Singapore 117602 (SG). **LI, Jun** [CN/SG]; c/o Institute of Materials Research and Engineering, 3 Research Link, Singapore 117602 (SG).

(74) Agent: **YU SARN AUDREY & PARTNERS**; 24 Raffles Place, #27-01 Clifford Centre, Singapore 048621 (SG).

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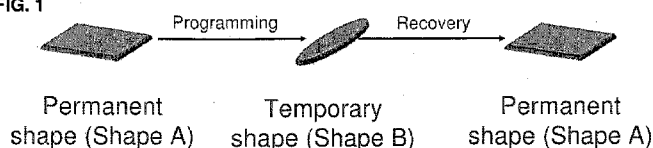
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(54) Title: BIODEGRADABLE AND BIOCOMPATIBLE SHAPE MEMORY POLYMERS

FIG. 1



(57) Abstract: This invention relates to shape memory block copolymers comprising: at least one switching segment having a T_{trans} from 10 to 70 °C; and at least one soft segment, wherein at least one of the switching segments is linked to at least one of the soft segments by at least one linkage, and wherein the copolymer transforms from a first shape to a second shape by application of a first stimulus and the copolymer transforms back to the first shape from the second shape by application of a second stimulus. The shape memory block copolymers may be biocompatible and biodegradable.