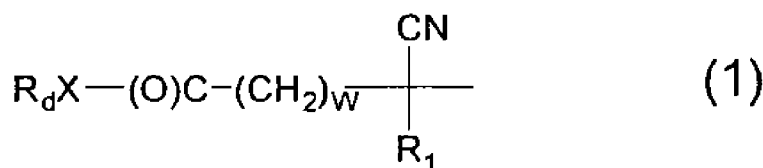




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(54) **Title:** NEUTRAL LAYER POLYMER COMPOSITION FOR DIRECTED SELF ASSEMBLY AND PROCESSES THEREOF



(57) **Abstract:** The present invention relates to a novel polymeric composition comprising a novel polymer having two or more repeat units and a terminus having the structure (1), wherein R_1 represents a C_1 - C_{20} substituted or unsubstituted alkyl group, w is a number from 1-8, X is oxygen(O) or nitrogen(N), and R_d is a reactive group. The invention also relates to a process for forming a pattern using the novel polymeric composition. The invention further relates to a process of making the novel polymer.