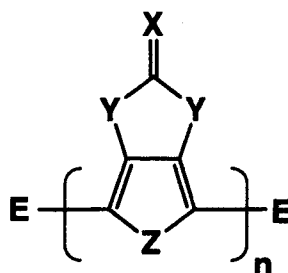


## ABSTRACT OF THE DISCLOSURE

A composition of matter including a polymer having a repeating unit having formula P1, as follows:



P1

wherein n is an integer greater than 4; Z is Se, S, O, NR<sub>1</sub>, or PR<sub>1</sub>, where R<sub>1</sub> is hydrogen, alkylaryl, arylalkyl, or aryl; Y is independently selected from NH, O, C(R)<sub>2</sub>, N(R)<sub>2</sub> and S; X is O, S, Se or NH and E is independently selected from functional or non-functional end-groups. R is a substituted or unsubstituted C1-C4 alkyl group. E is independently selected from functional and non-functional end-groups. The repeating structures according to the present invention may be substantially identical, forming a homopolymer, or may have Z, Y, and X independently selected for each unit, resulting in a copolymeric compound. The invention also includes electrical components incorporating the polymer and the method for making the polymer.