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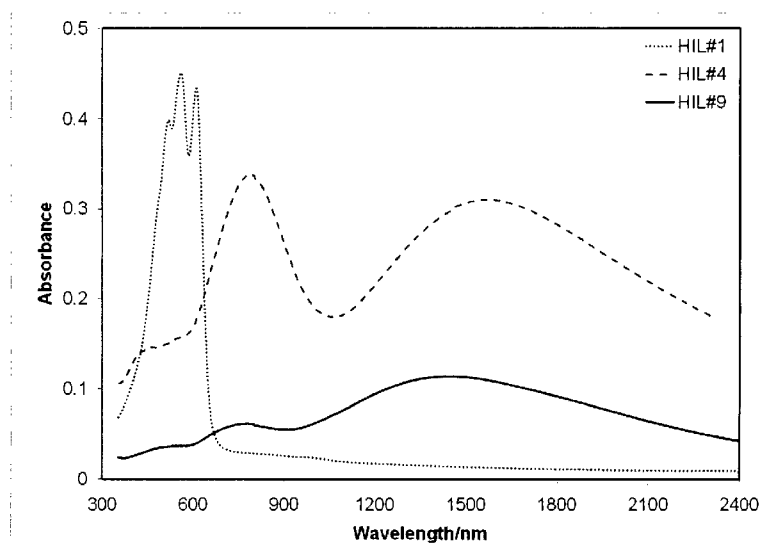
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(54) Title: DOPED CONJUGATED POLYMERS, DEVICES, AND METHODS OF MAKING DEVICES

FIGURE 1



(57) Abstract: Use of certain materials in hole injection or hole transport layers can improve the operational lifetimes in organic electronic devices. Compositions comprising a doped conjugated polymer, doped with a redox dopant, including iodonium salt, can increase lifetimes. Inks can be formulated and cast as films in organic electronic devices including OLEDs, PHOLEDs, and OPVs. One embodiment provides a composition with a conjugated polymer doped with a redox dopant. Non-aqueous based inks can be formulated. Iodonium salts can be used.