

NANOWIRE-BASED TRANSPARENT CONDUCTORS AND APPLICATIONS THEREOF

ABSTRACT OF THE DISCLOSURE

A transparent conductor including a conductive layer coated on a substrate is described. More specifically, the conductive layer comprises a network of nanowires that may be embedded in a matrix. The conductive layer is optically clear, patternable and is suitable as a transparent electrode in visual display devices such as touch screens, liquid crystal displays, plasma display panels and the like.

Figure 24