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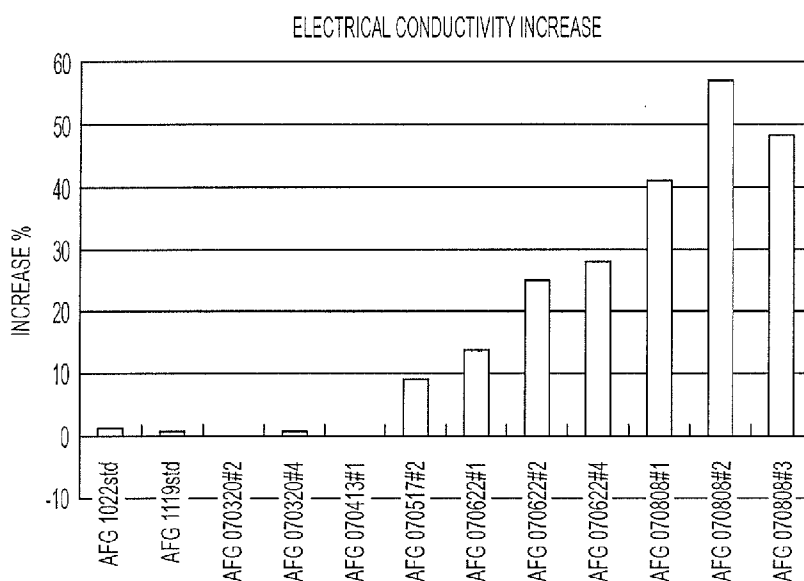


FIG. 7

(57) Abstract: The present invention provides transparent conductive oxide (TCO) thin films with improved optical and electrical properties and methods of making the same. More specifically, the invention provides on-line processes for producing TCO thin films that allow for improvements in optical properties and post-production improvements in electrical properties of the TCO.

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