United States Patent [19]

DiSanto et al.

[11] **Patent Number: 5,006,212**

[45] **Date of Patent: Apr. 9, 1991**

[54] **METHODS ENABLING STRESS CRACK FREE PATTERNING OF CHROME ON LAYERS OF ORGANIC POLYMERS**

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[21] Appl. No.: **166,430**

[22] Filed: **Mar. 10, 1988**

[51] **Int. Cl.**[5] **C23C 14/34**

[52] **U.S. Cl.** **204/192.14**; 204/192.15; 204/192.23; 156/664

[58] **Field of Search** 204/192.14, 192.15, 204/192.22, 192.23; 156/630, 634, 656, 664; 427/126.1, 126.3, 309, 327

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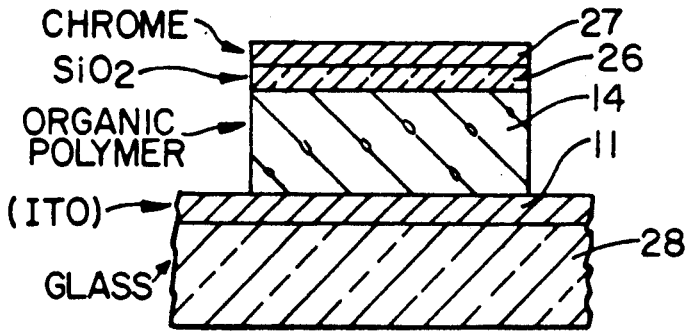
[57] **ABSTRACT**

There is disclosed a method to enable one to deposit a thin layer of chrome to a thicker layer of an organic polymer. The surface of the organic polymer has a thin layer of silicon dioxide deposited thereon and then a thicker layer of chrome is sputtered onto said layer of silicon dioxide. This enables one to pattern and to wire bond to the chrome layer while avoiding stress cracks in the chrome as provided by prior art techniques.

8 Claims, 1 Drawing Sheet