

METHOD FOR DEPOSITING SUBSTITUTED FLUOROCARBON
POLYMERIC LAYERS

ABSTRACT

In accordance with the invention, a method of depositing substituted fluorocarbon polymeric layers exhibiting a high degree of cross-linking is presented. Formation of a substituted fluorocarbon polymeric layer includes placing a substrate into a reactor and, while maintaining the reactor pressure below 100 torr, introducing a process gas into the reactor. Optionally, the substrate is biased. The process gas is then ionized thereby depositing the substituted fluorocarbon polymeric layer on the substrate.

Figure 1