

ABSTRACT

METHOD AND SYSTEM FOR GRAPHENE FORMATION

A method for forming graphene includes providing a substrate and subjecting the substrate to a reduced pressure environment. The method also includes providing a carrier gas and a carbon source and exposing at least a portion of the substrate to the carrier gas and the carbon source. The method further includes performing a surface treatment process on the at least a portion of the substrate and converting a portion of the carbon source to graphene disposed on the at least a portion of the substrate.

[Figure 1]