

SYSTEM, METHOD AND APPARATUS FOR SELF-CLEANING DRY ETCH**ABSTRACT**

A method for cleaning a processing chamber that includes heating an inner surface of the processing chamber to a first temperature. The first temperature can be sufficient to cause a first species to become volatile. The first species can be one of several species deposited on the inner surface. A cleaning chemistry is injected into the processing chamber. The cleaning chemistry can be reactive with a second one of the species to convert the second species to the first species. The volatilized first species can also be output from the processing chamber. A system for cleaning the process chamber is also described.

Figures 3A and 3B