APPLICATION OF VAPOR PHASE HFACAC-BASED COMPOUND FOR USE IN COPPER DECONTAMINATION AND CLEANING PROCESSES

ABSTRACT

An effective copper decontamination method in the fabrication of integrated circuits is achieved. An organic-based HFACAC decontamination compound in vapor phase is sprayed over elemental copper found on equipment or tools or as a spill wherein the compound reacts with all of the elemental copper and forms a volatile compound that can be flushed away thereby completing copper decontamination.

(Figure 1)