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(54) Title: METHODS AND COMPOSITIONS FOR ETCH CLEANING MICROELECTRONIC SUBSTRATES IN CARBON DIOXIDE

(57) Abstract: A method of cleaning a microelectronic substrate is carried out by providing a cleaning fluid, the cleaning fluid comprising an adduct of hydrogen fluoride with a Lewis base in a carbon dioxide solvent; and then cleaning the substrate by contacting the substrate to the cleaning fluid for a time sufficient to clean the substrate.