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(54) Title: MODIFICATION OF COLD JET NOZZLE IN A JET MODULATOR DESIGN FOR COMPREHENSIVE TWO-DIMENSIONAL GAS CHROMATOGRAPHY

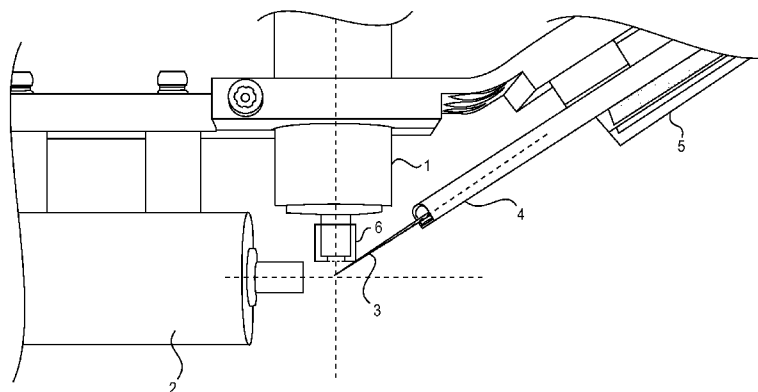


FIG. 3

(57) Abstract: A collimator (6) fixed to the cold jet nozzle (1) of a modulator of a two- dimensional gas chromatograph to aid in the alignment of the cold jet nozzle (1) and the loop modulator tube (3).