

Control of Lateral Dimensions of Nanoscale Channels through the Use of Molecular Coatings

Disclosure Number

200100931

Technology Summary

Control of Lateral Dimensions of Nanoscale Channels - A method for reducing the lateral dimensions of fabricated nanochannels to molecular dimension (~1 nm). Nanochannels formed by fabrication methods such as wet or dry chemical etching or by methods such as ion beam milling are further reduced by coating the channel walls with molecular films of controlled thickness.

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