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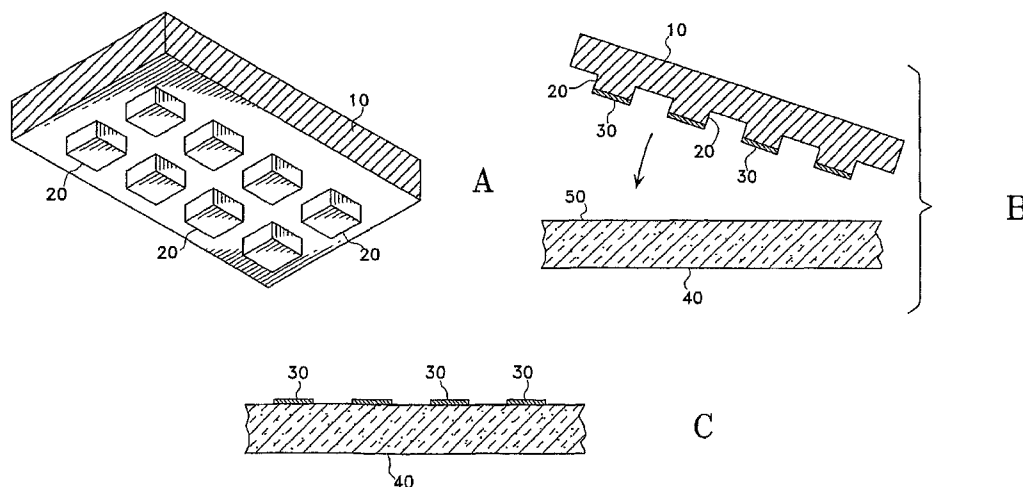
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(57) Abstract: Methods for forming a predetermined pattern of catalytic regions having nanoscale dimensions are provided for use in the growth of nanowires. The methods include one or more nanoimprinting steps to produce arrays of catalytic nanoislands or nanoscale regions of catalytic material circumscribed by noncatalytic material.

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