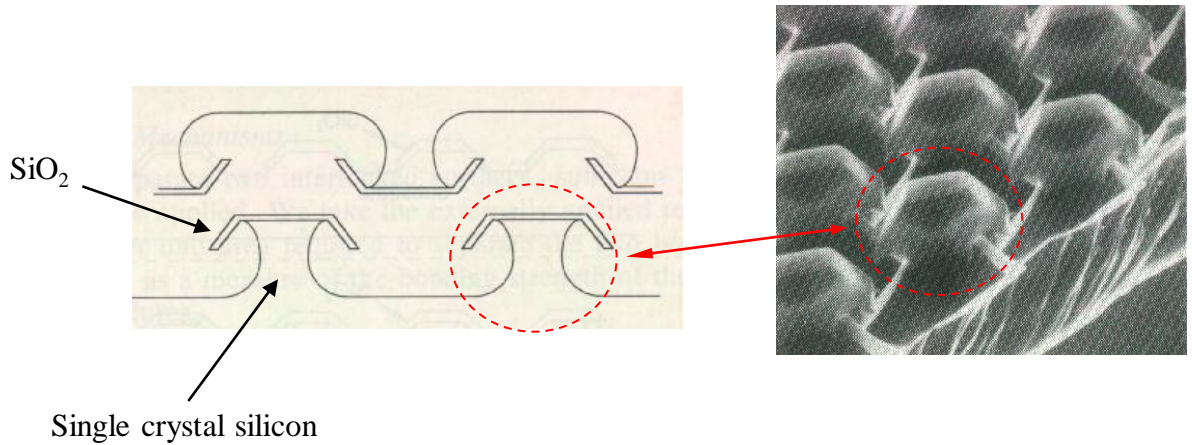
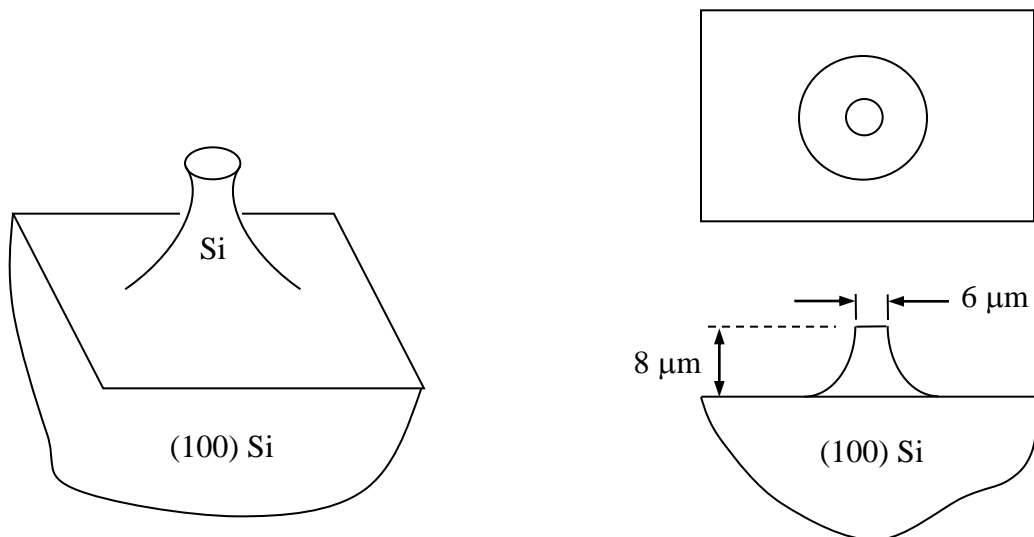


1 **Bulk Micromachining:** Please design the fabrication processes to fabricate the structure shown below. This microstructure is used to bond microdevices mechanically.



2 **Bulk Micromachining:** Design a (resistant) mask pattern to fabricate the structure shown below by wet etching. (you can find the information you need from notes)

- What's the etching solution?
- Give a reasonable "dimension" and "material" for the (resistant) mask
- Show the etching time you need for this process.



3. Draw the fabrication processes for the suspension shown below

