

FIG. 1A

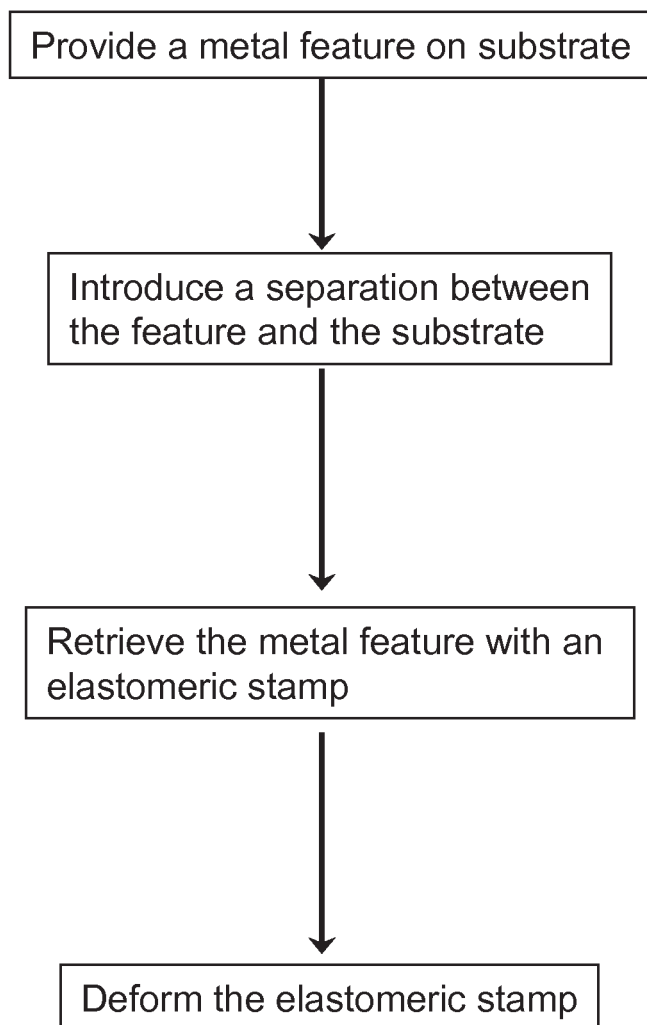
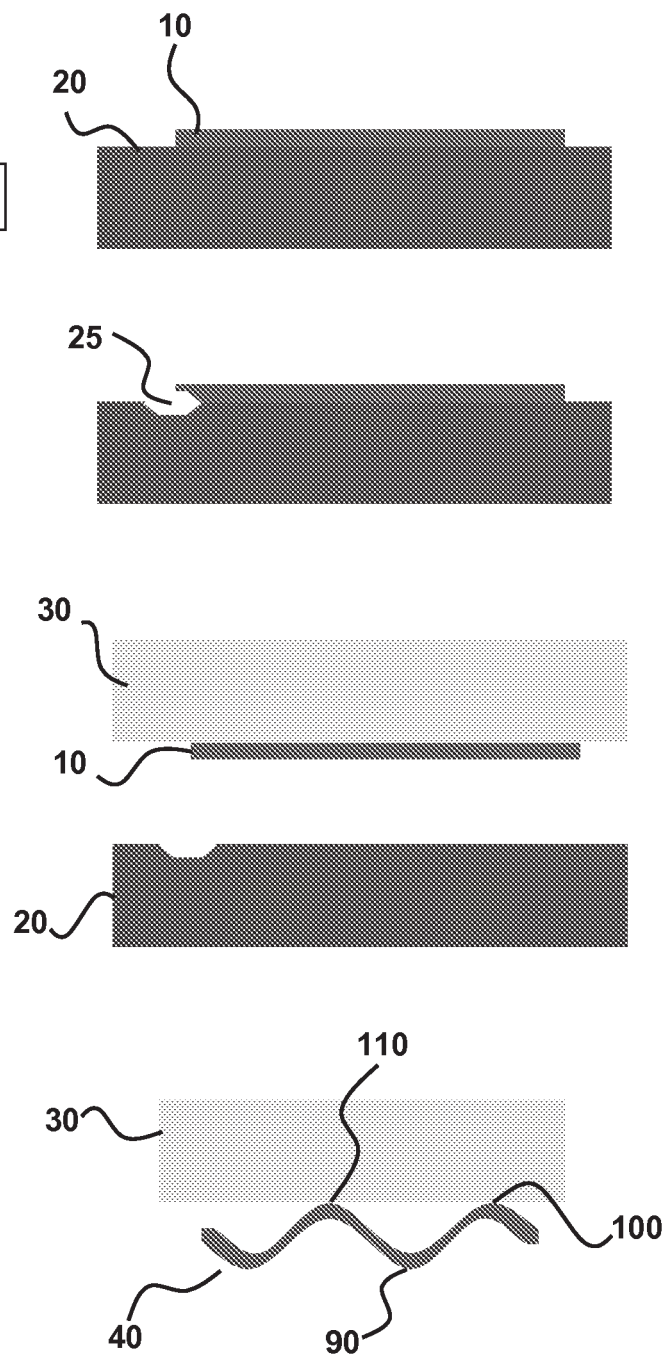


FIG. 1B



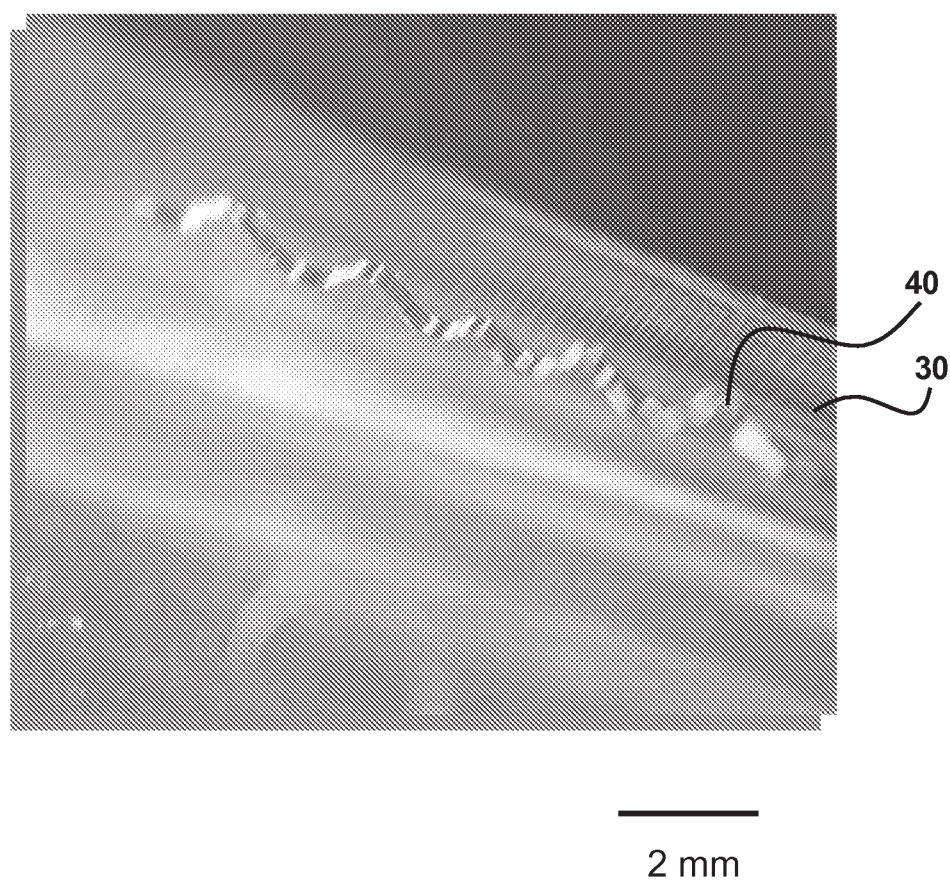
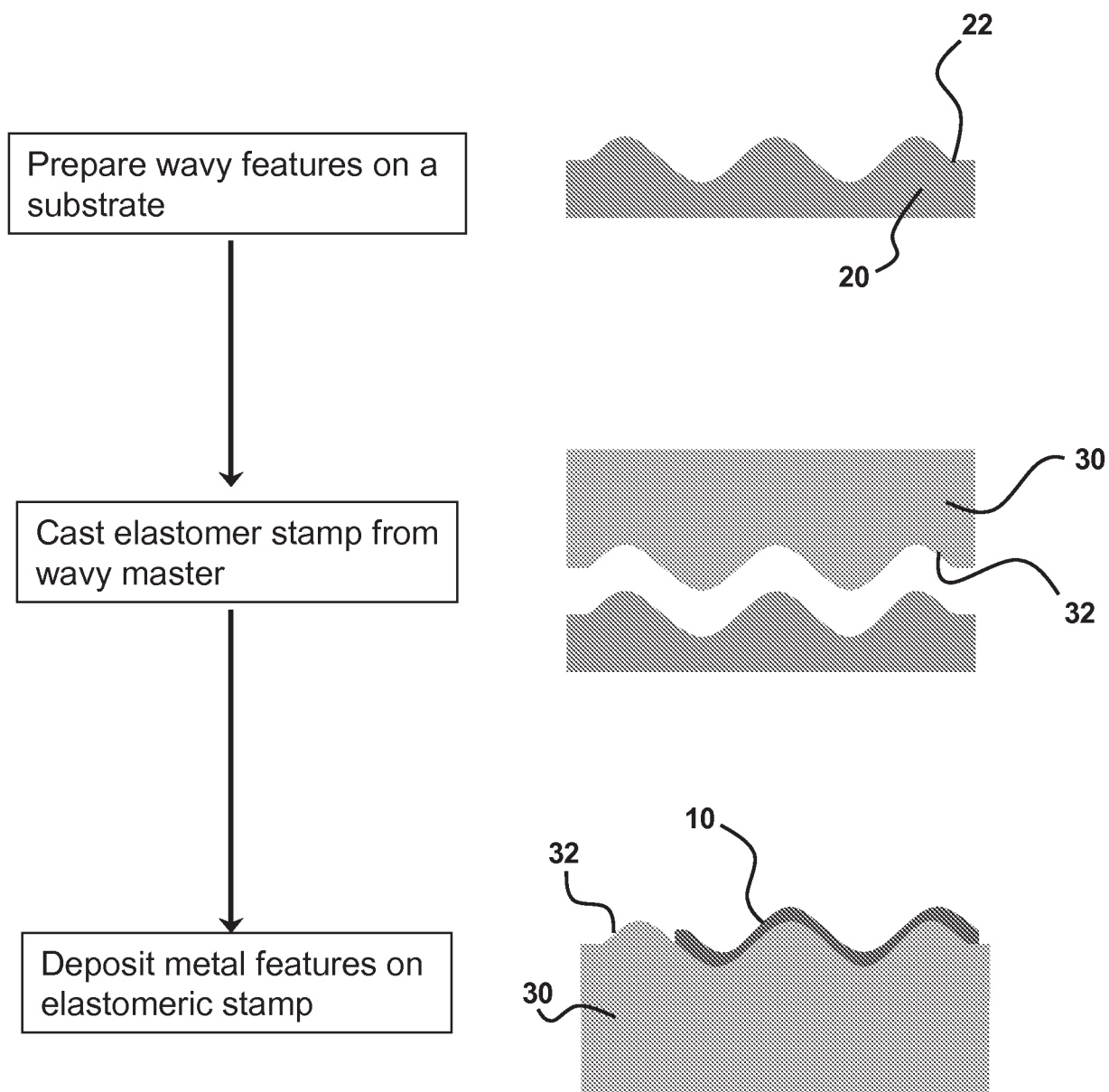
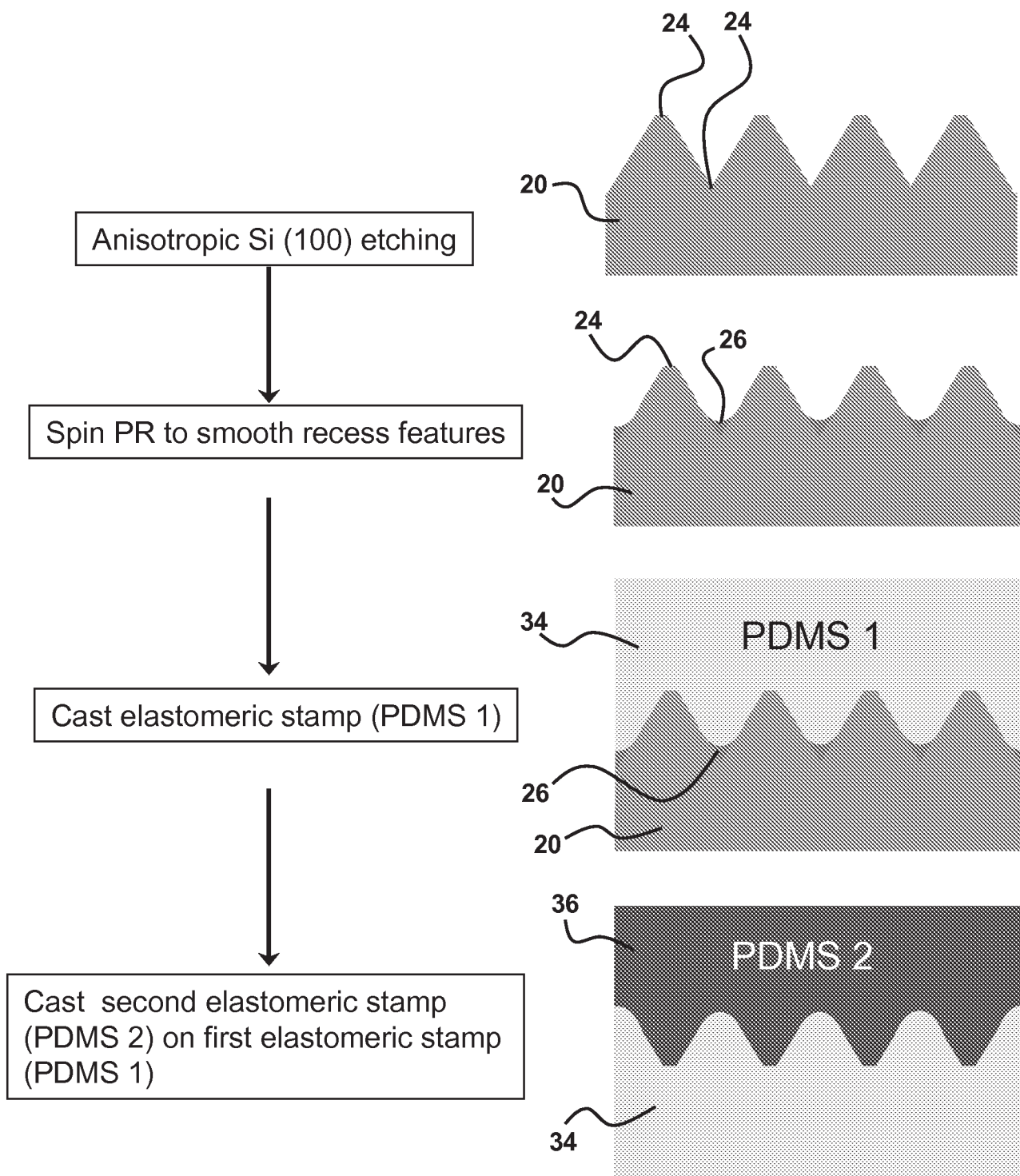


FIG. 2





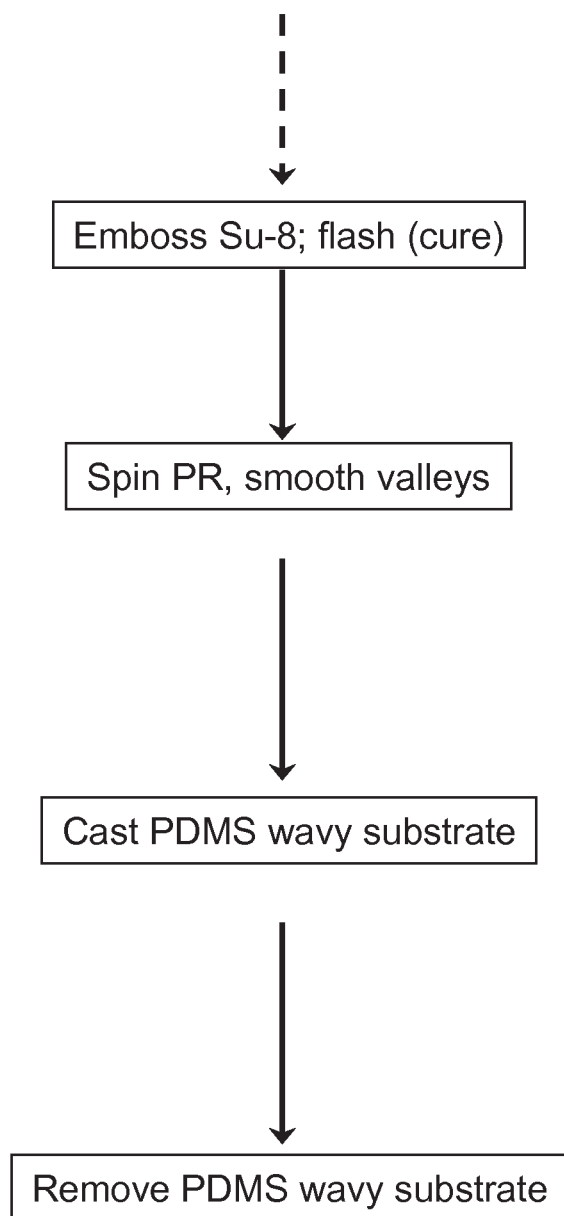


FIG. 4A (cont'd)

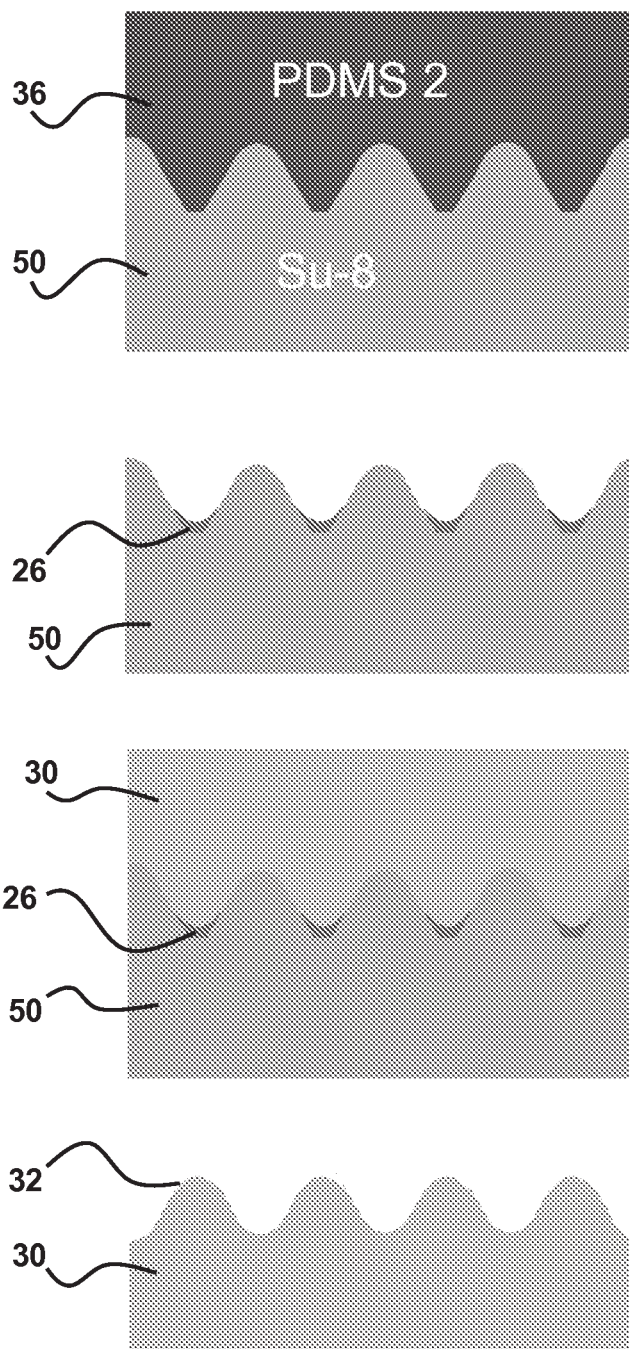


FIG. 4B (cont'd)

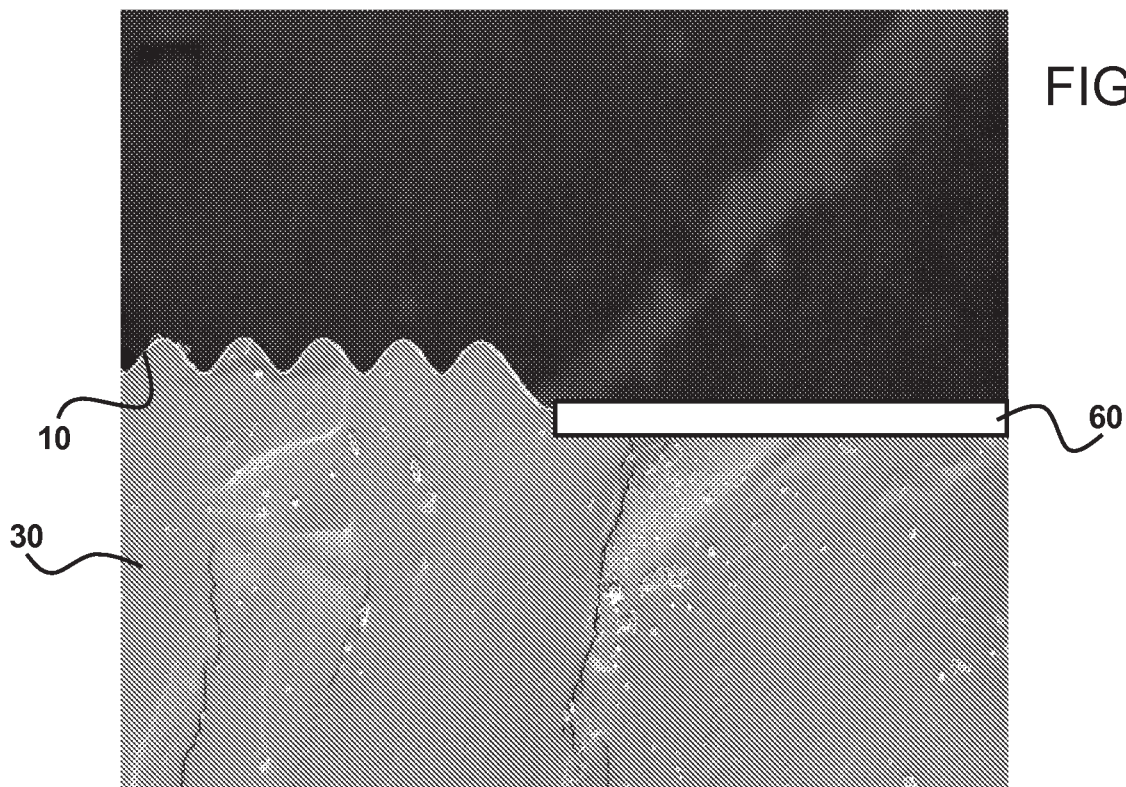
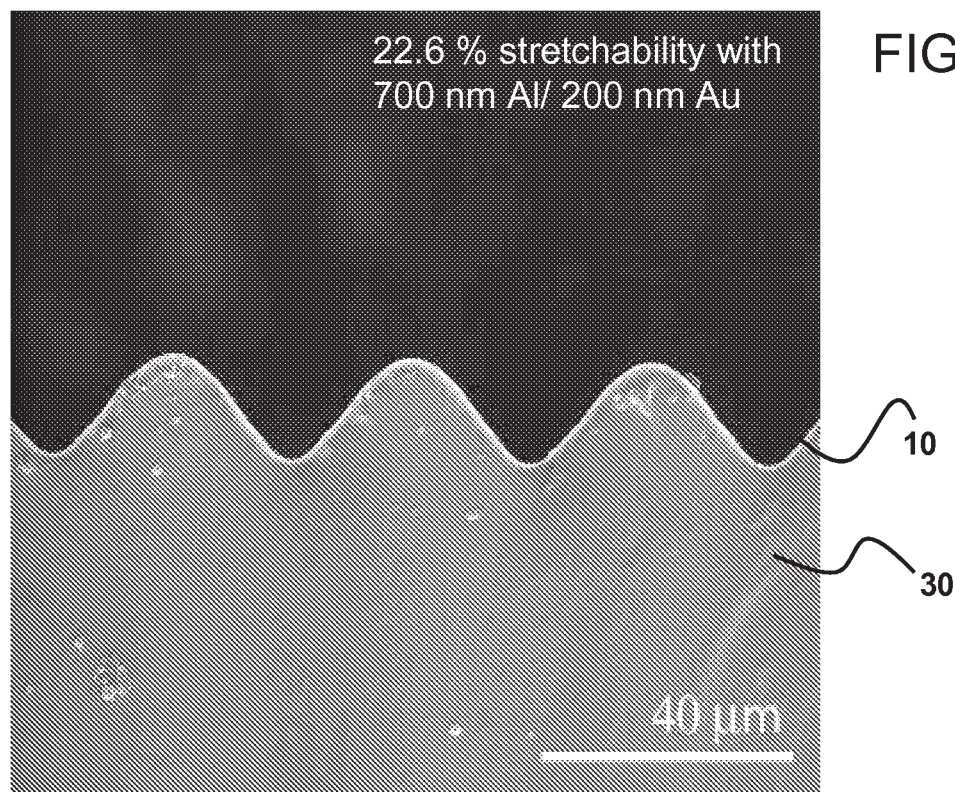


FIG. 6A

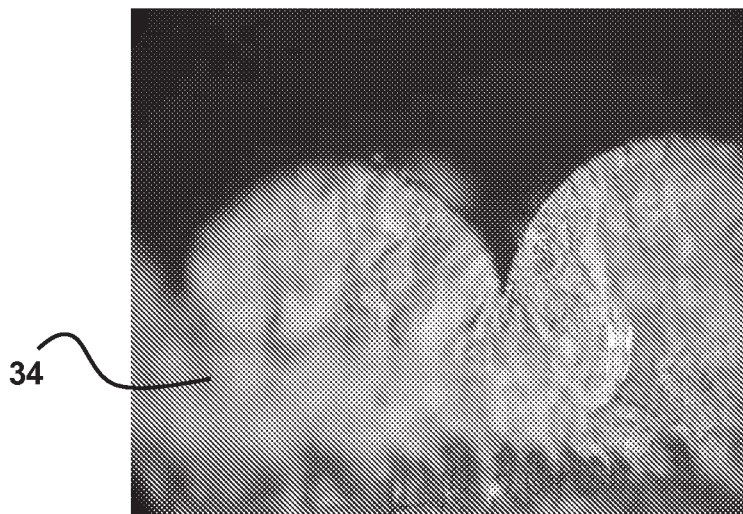


FIG. 6B

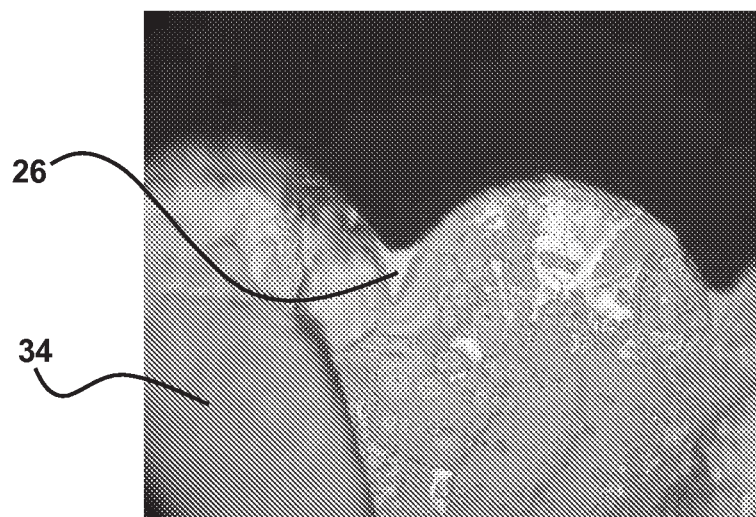


FIG. 6C

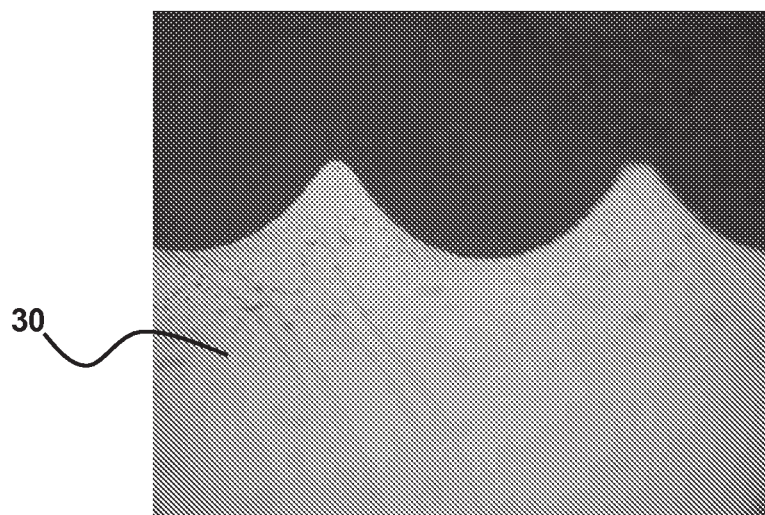


FIG. 7A

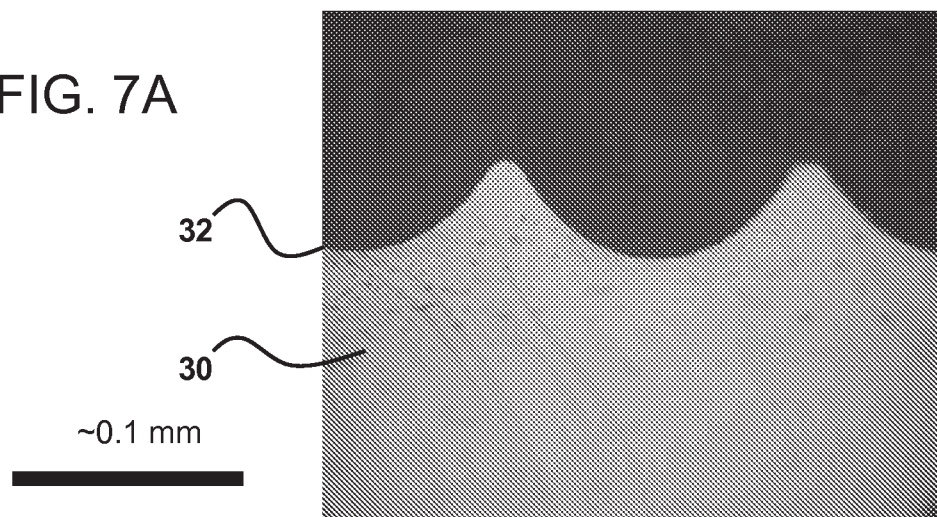


FIG. 7B

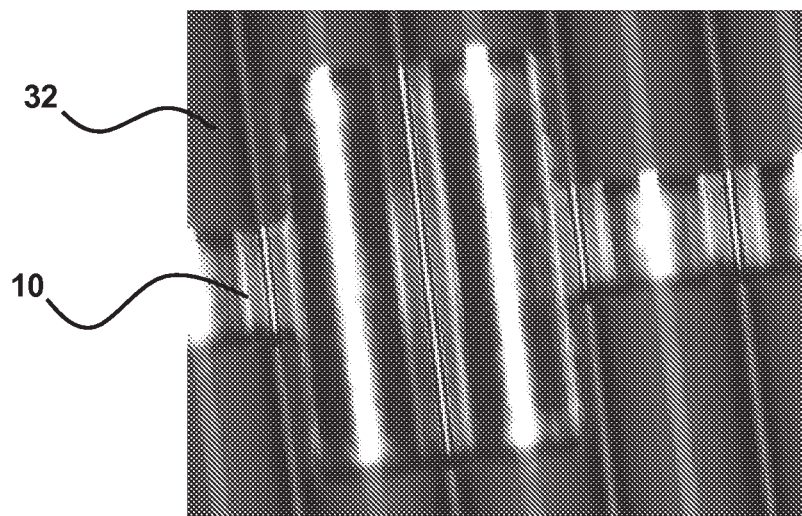


FIG. 7C

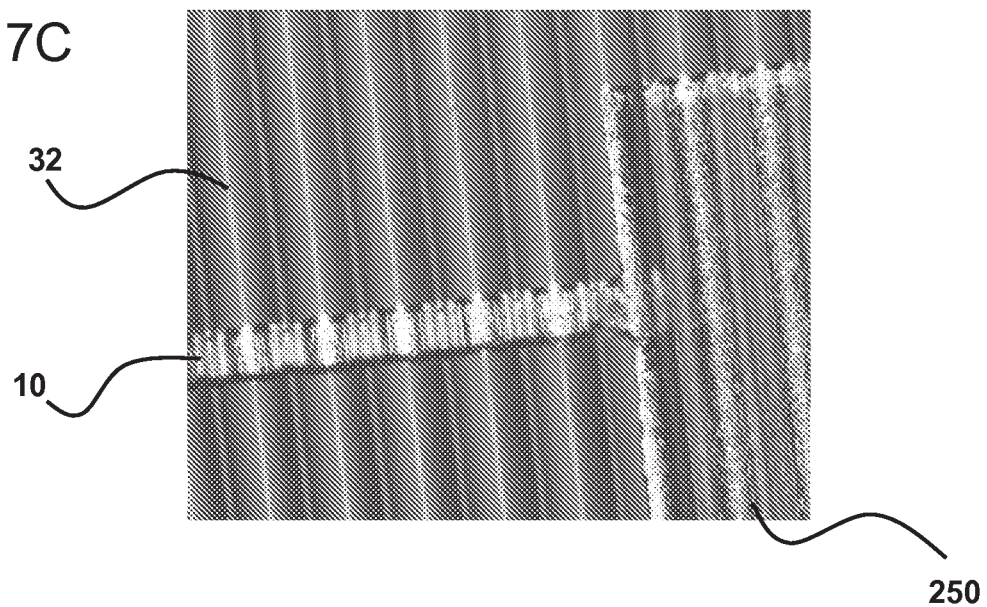
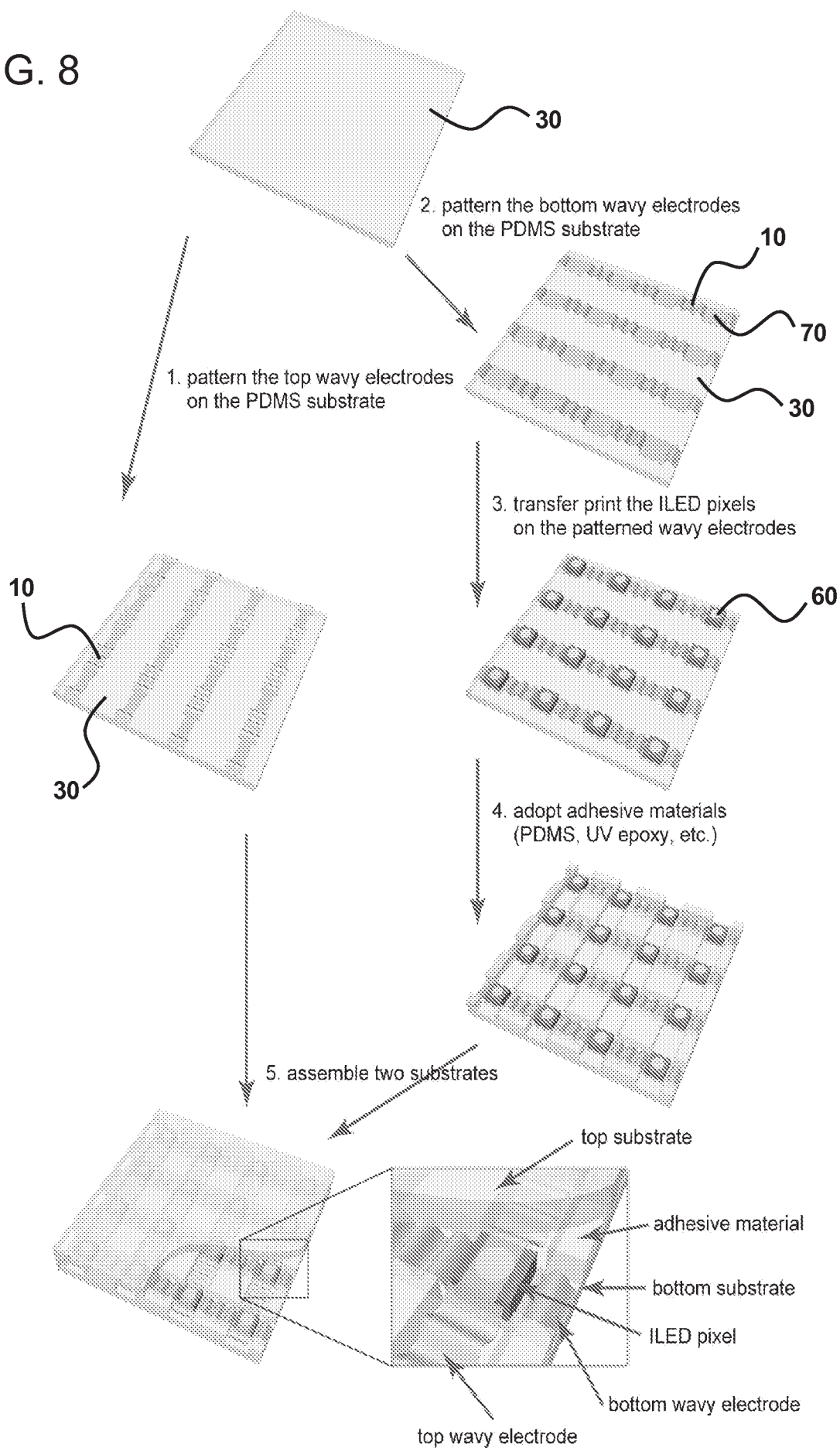


FIG. 8



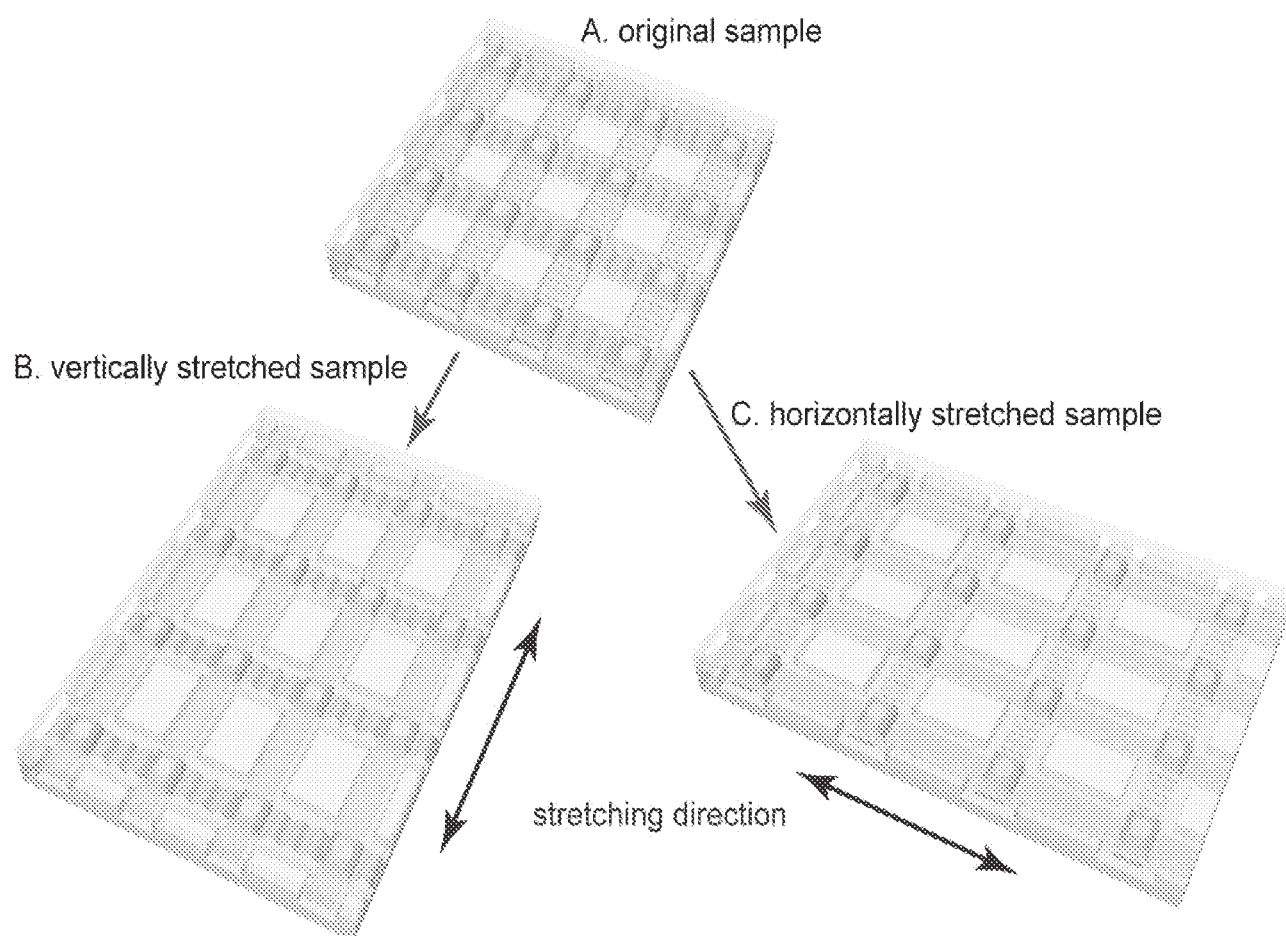


FIG. 9

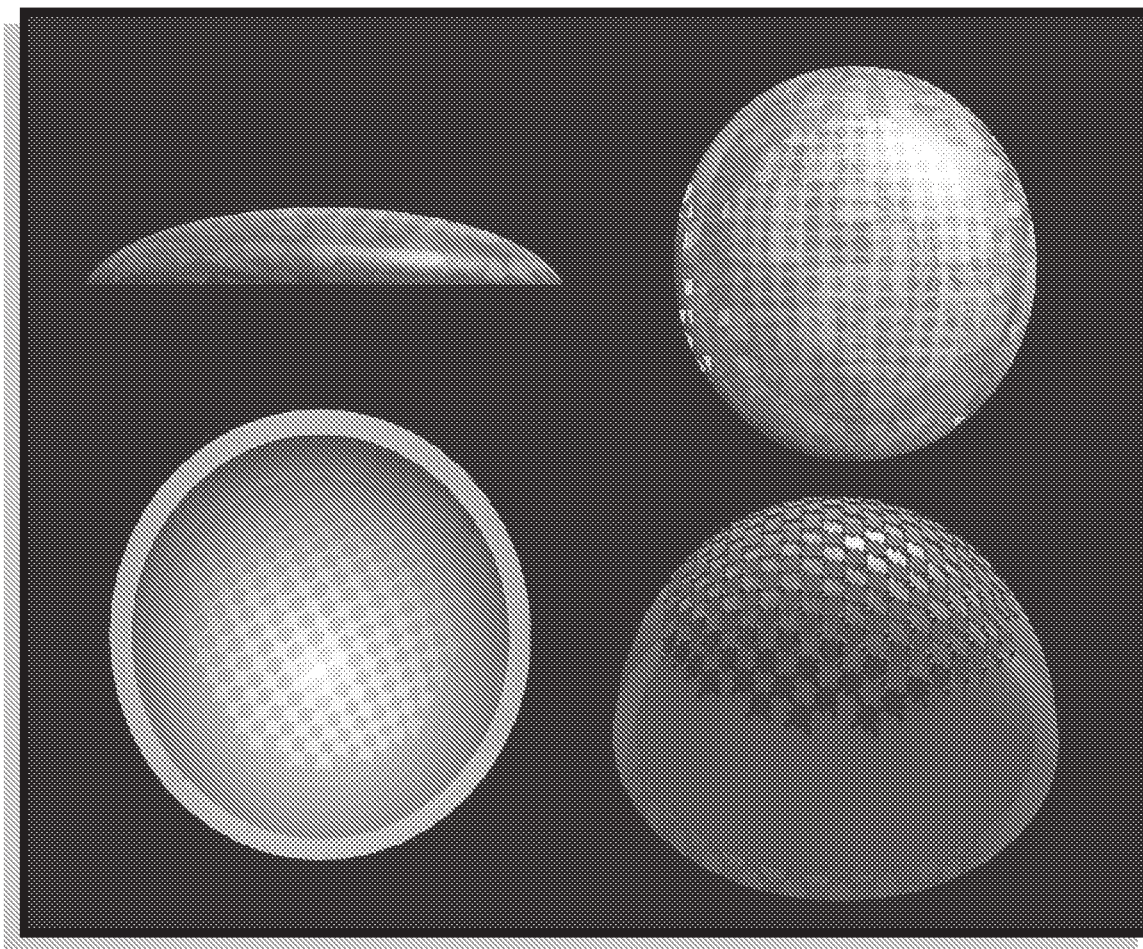


FIG. 10

12 / 71

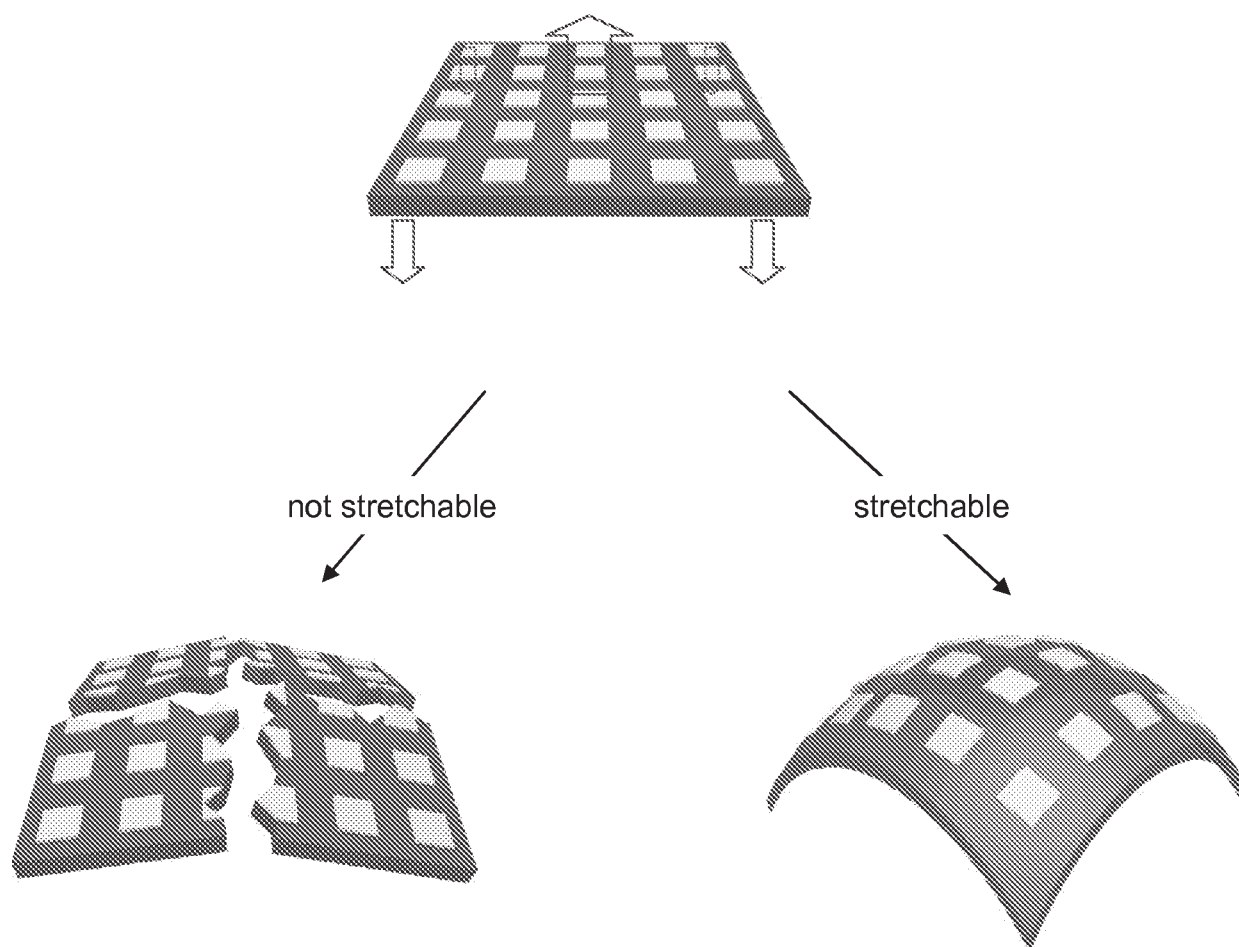


FIG. 11

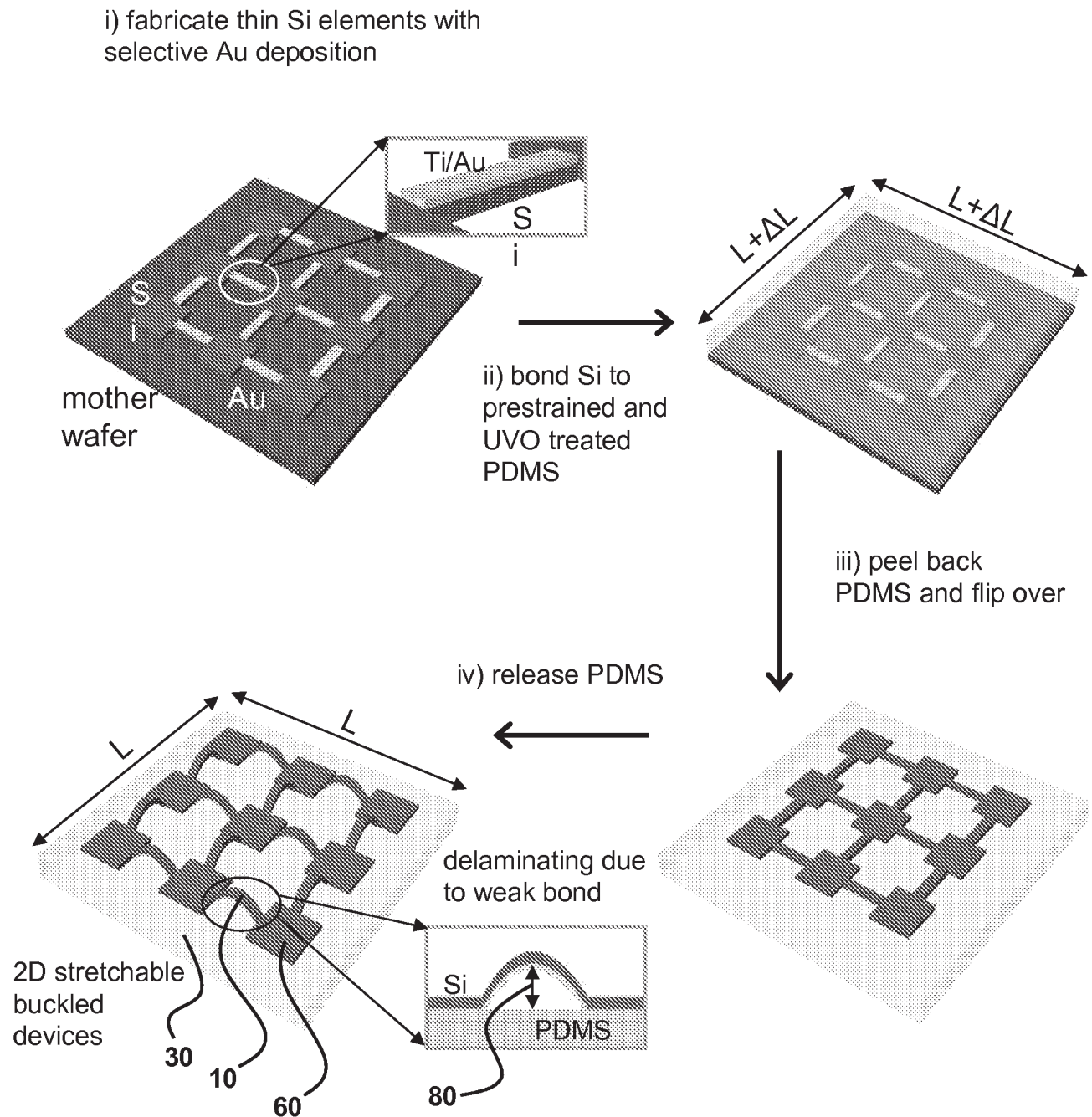


FIG. 12

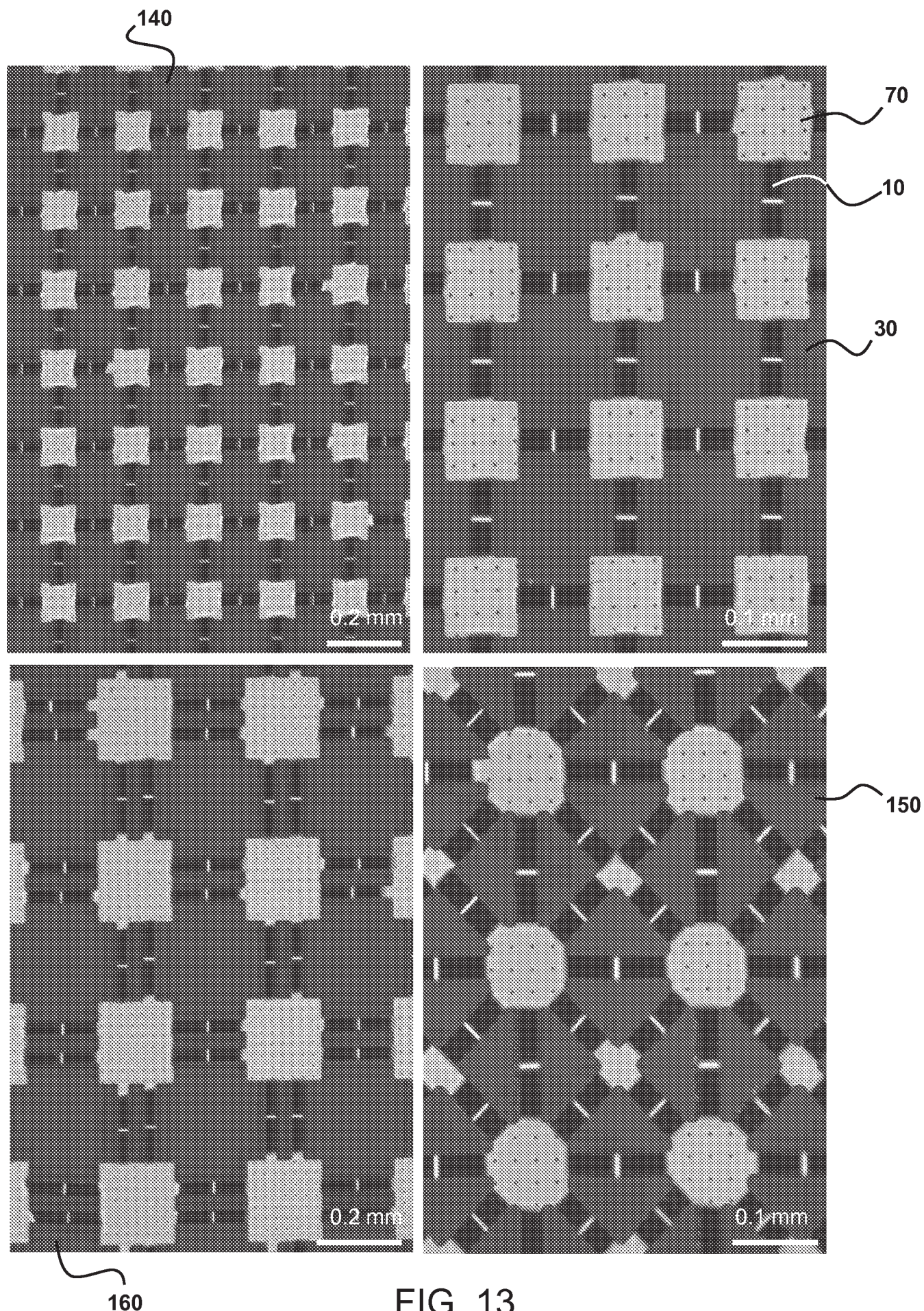


FIG 13

FIG. 14A

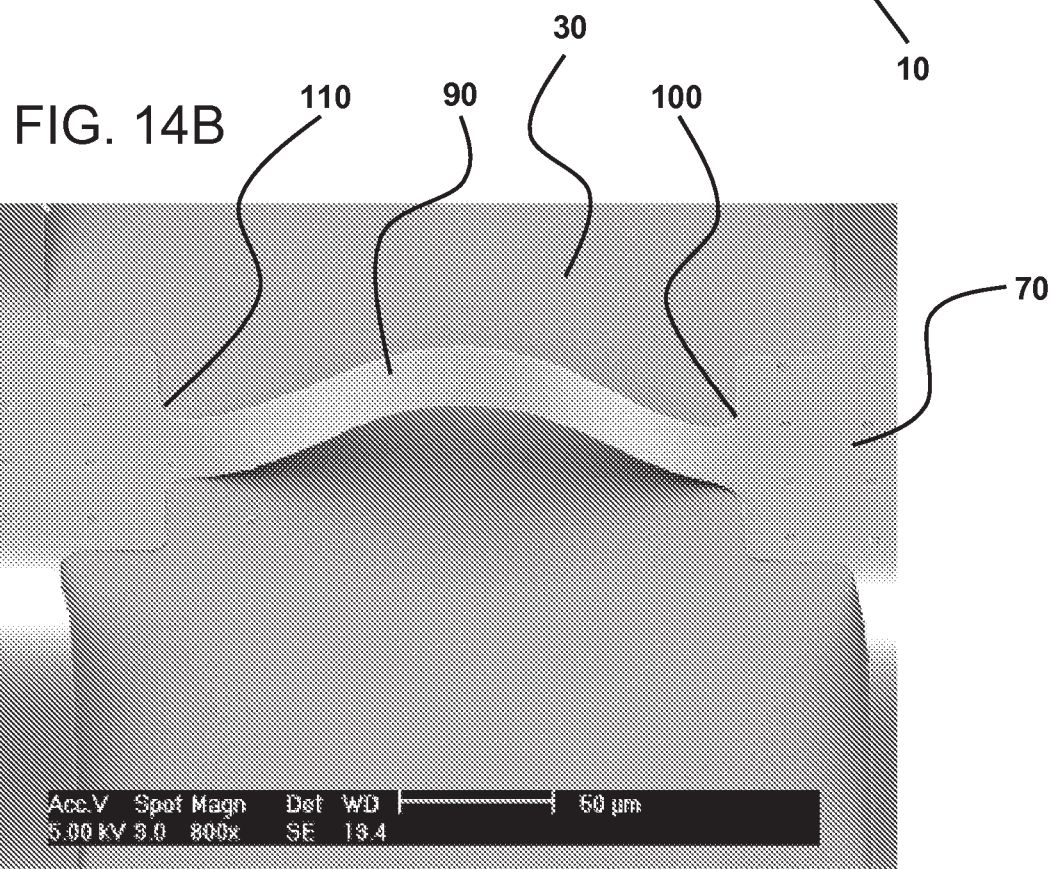
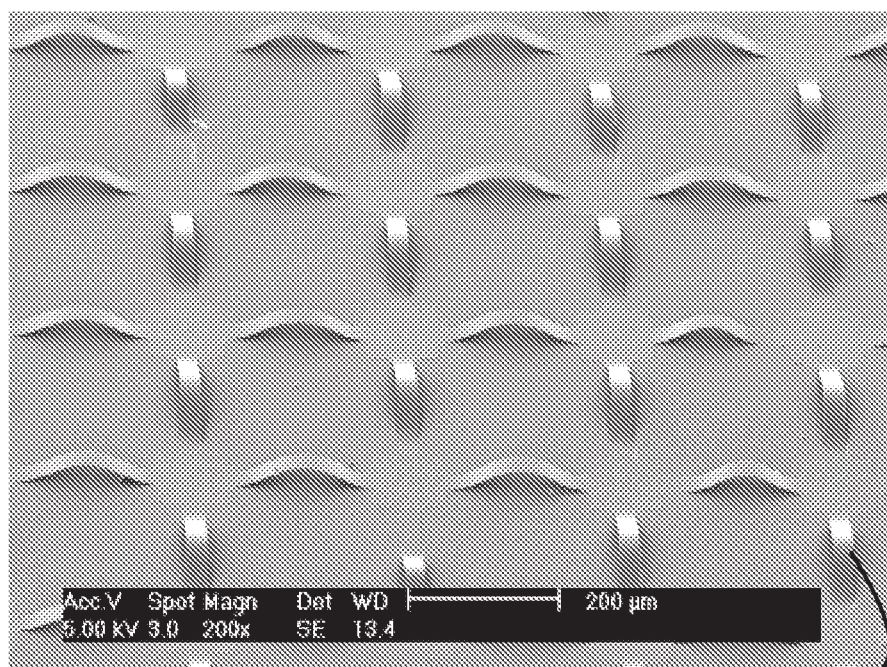


FIG. 15A

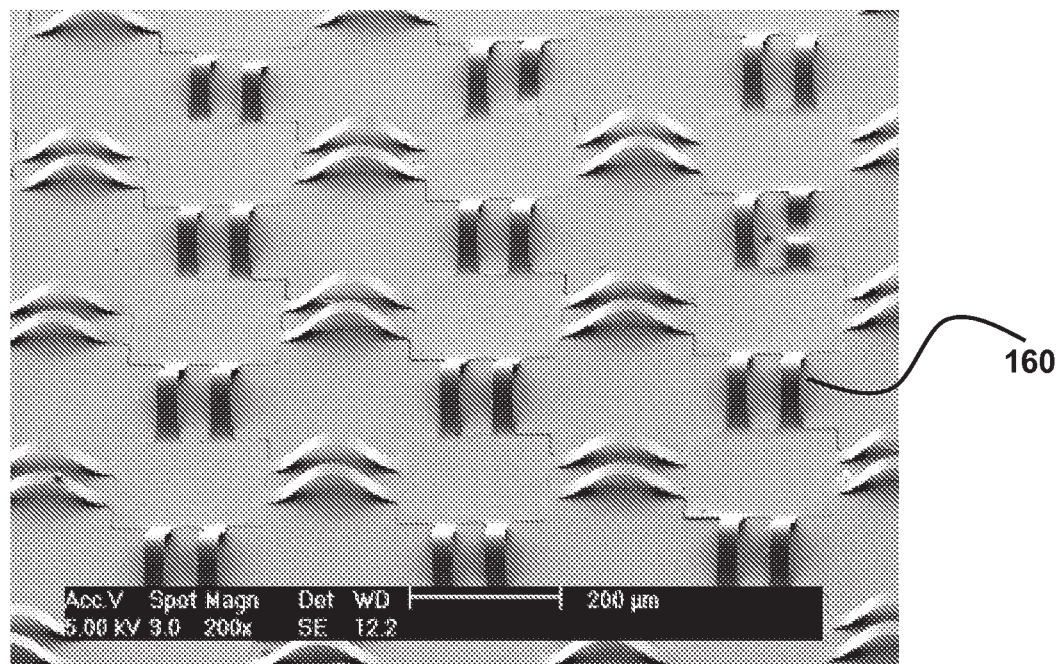
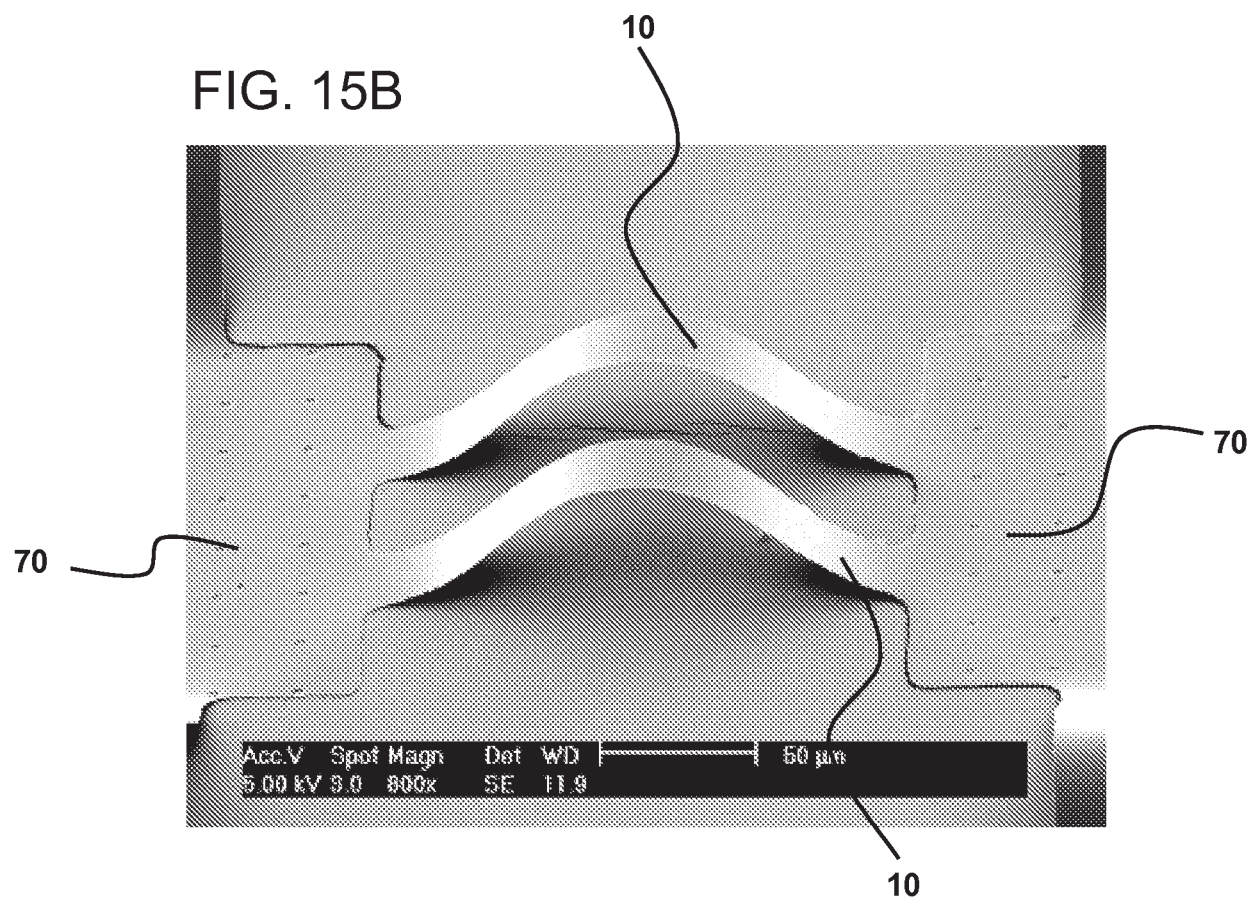


FIG. 15B



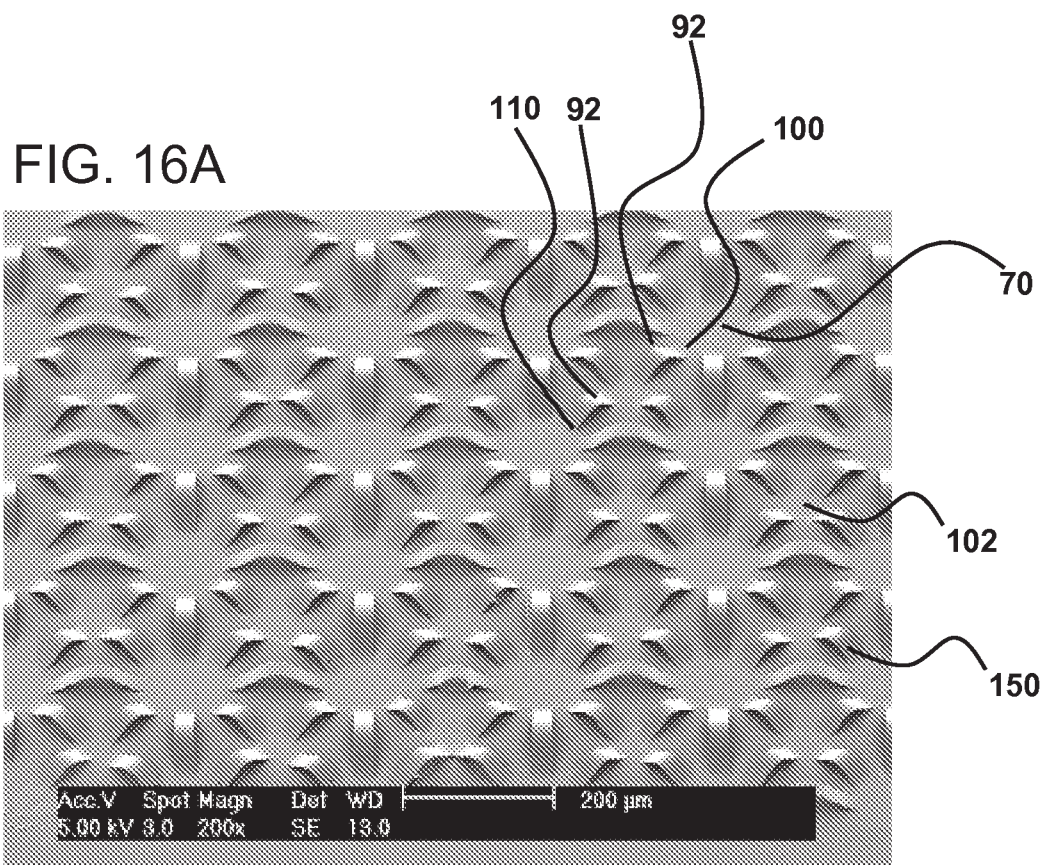


FIG. 16B

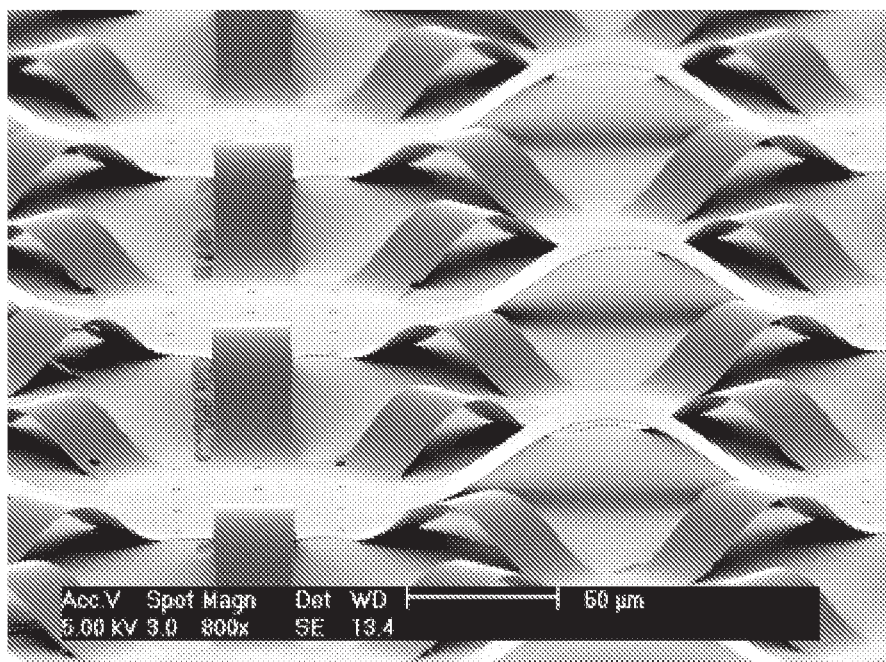


FIG. 17A

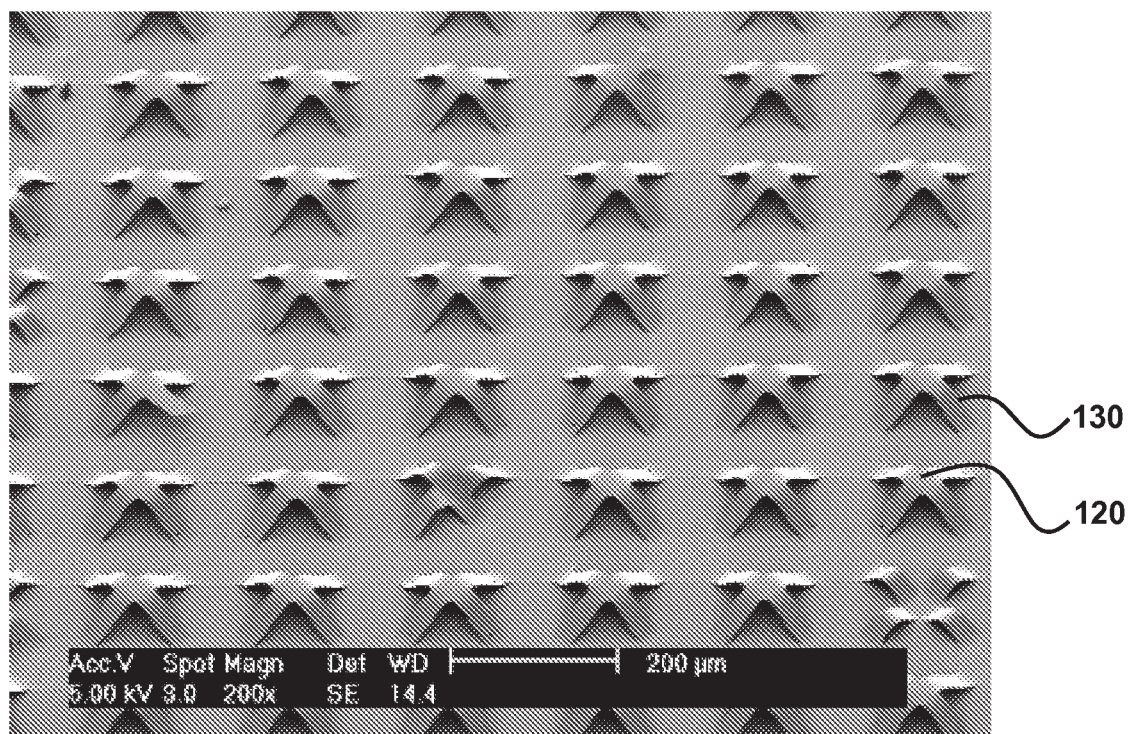
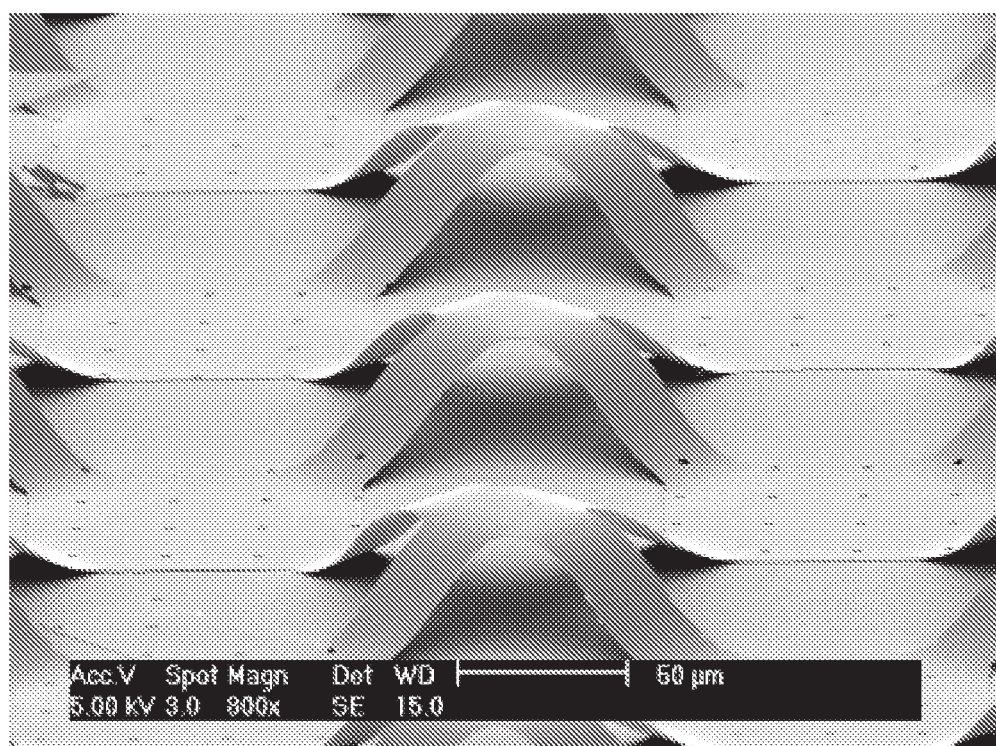


FIG. 17B



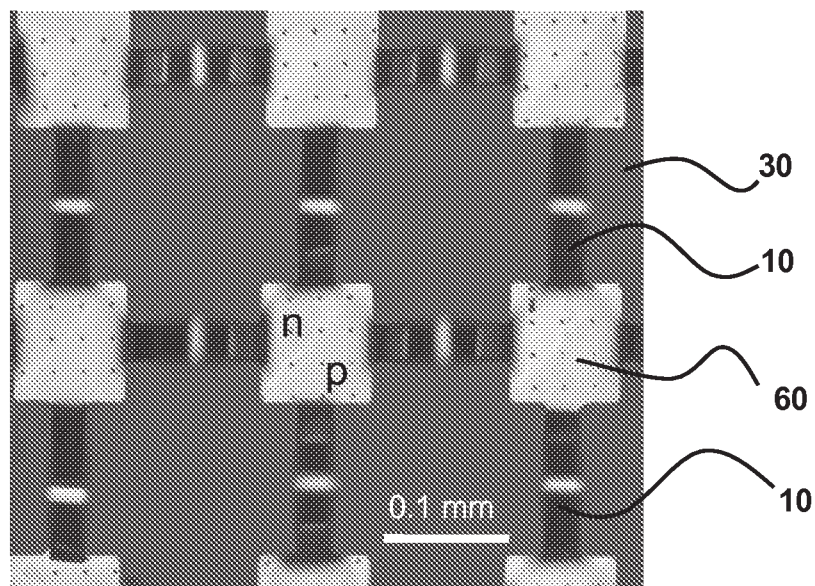


FIG. 18

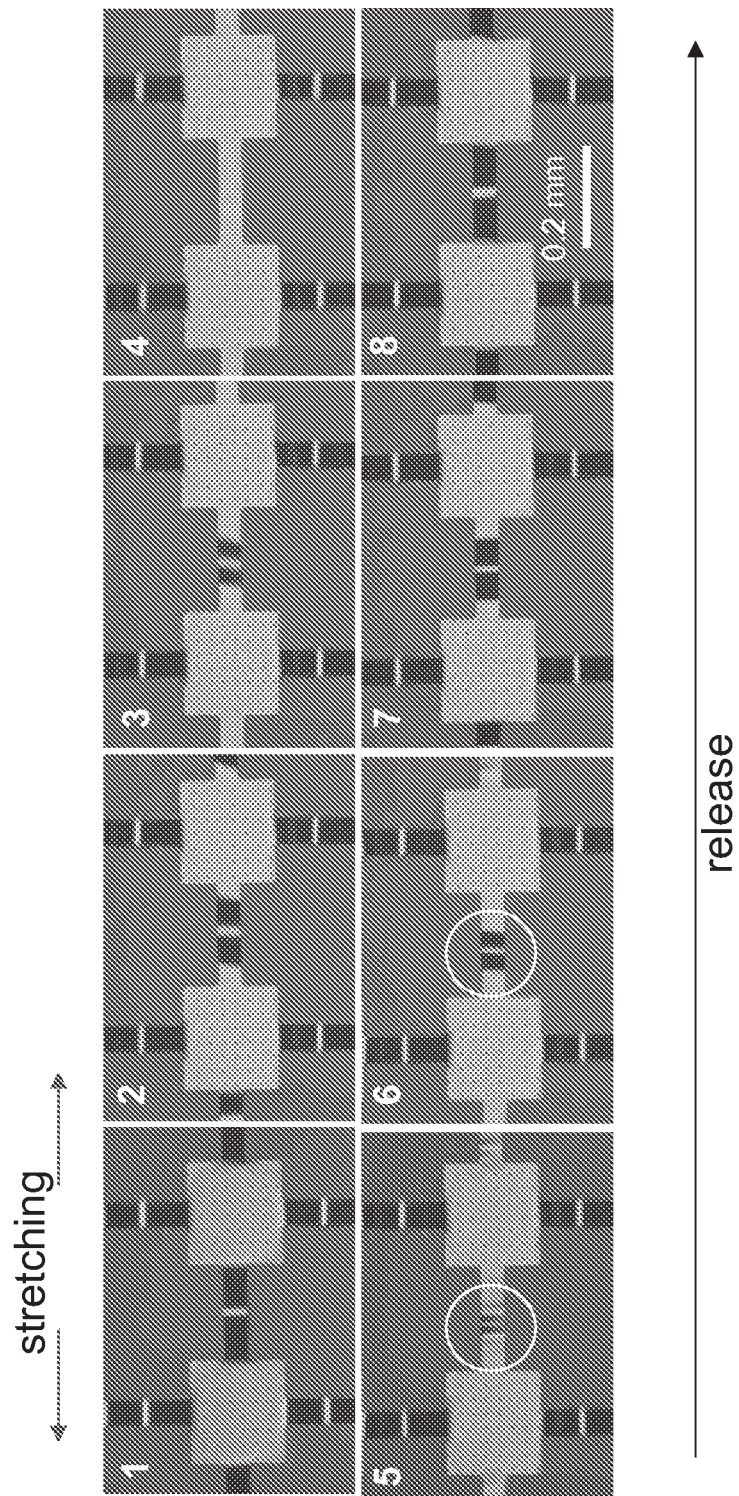


FIG. 19

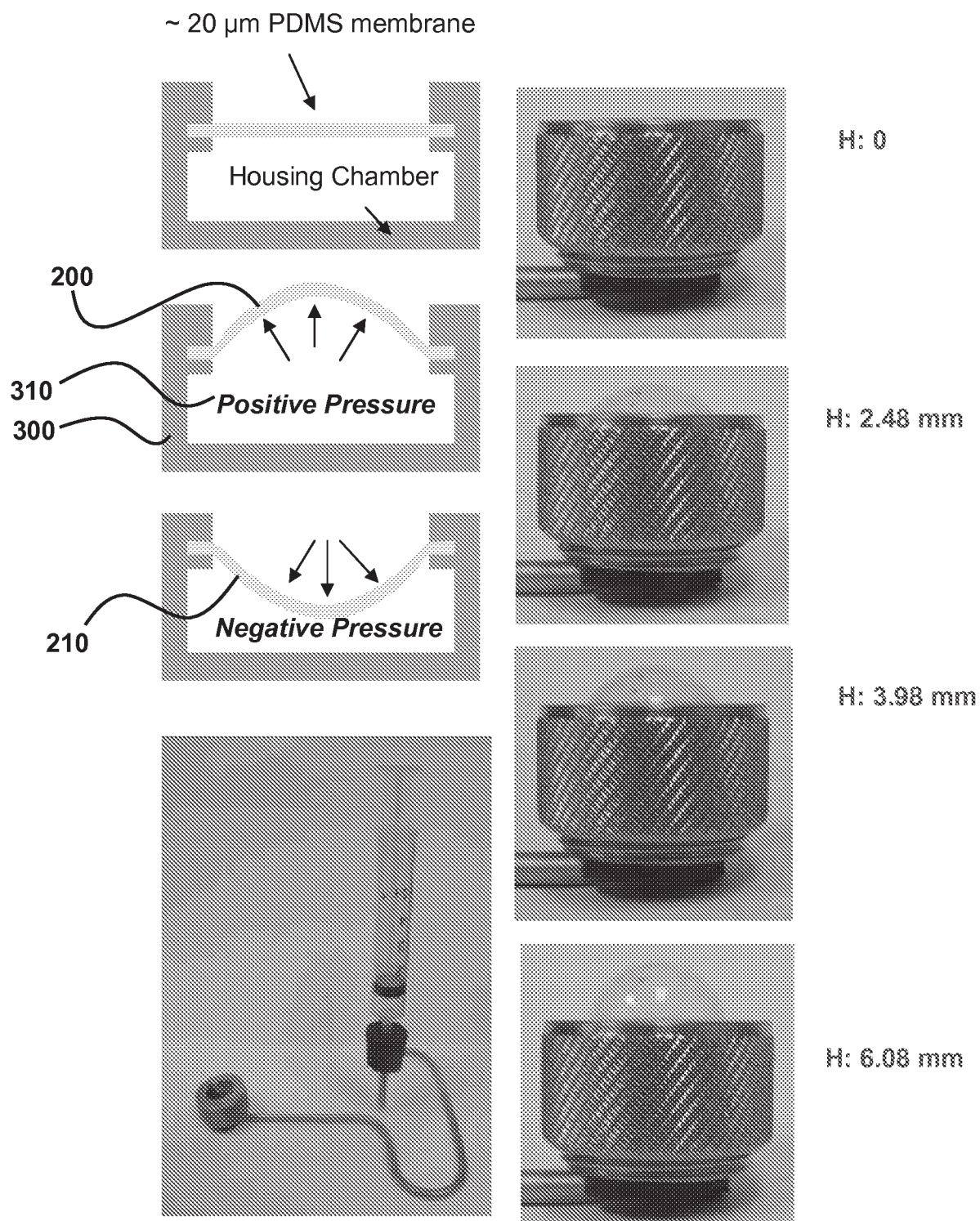


FIG. 20

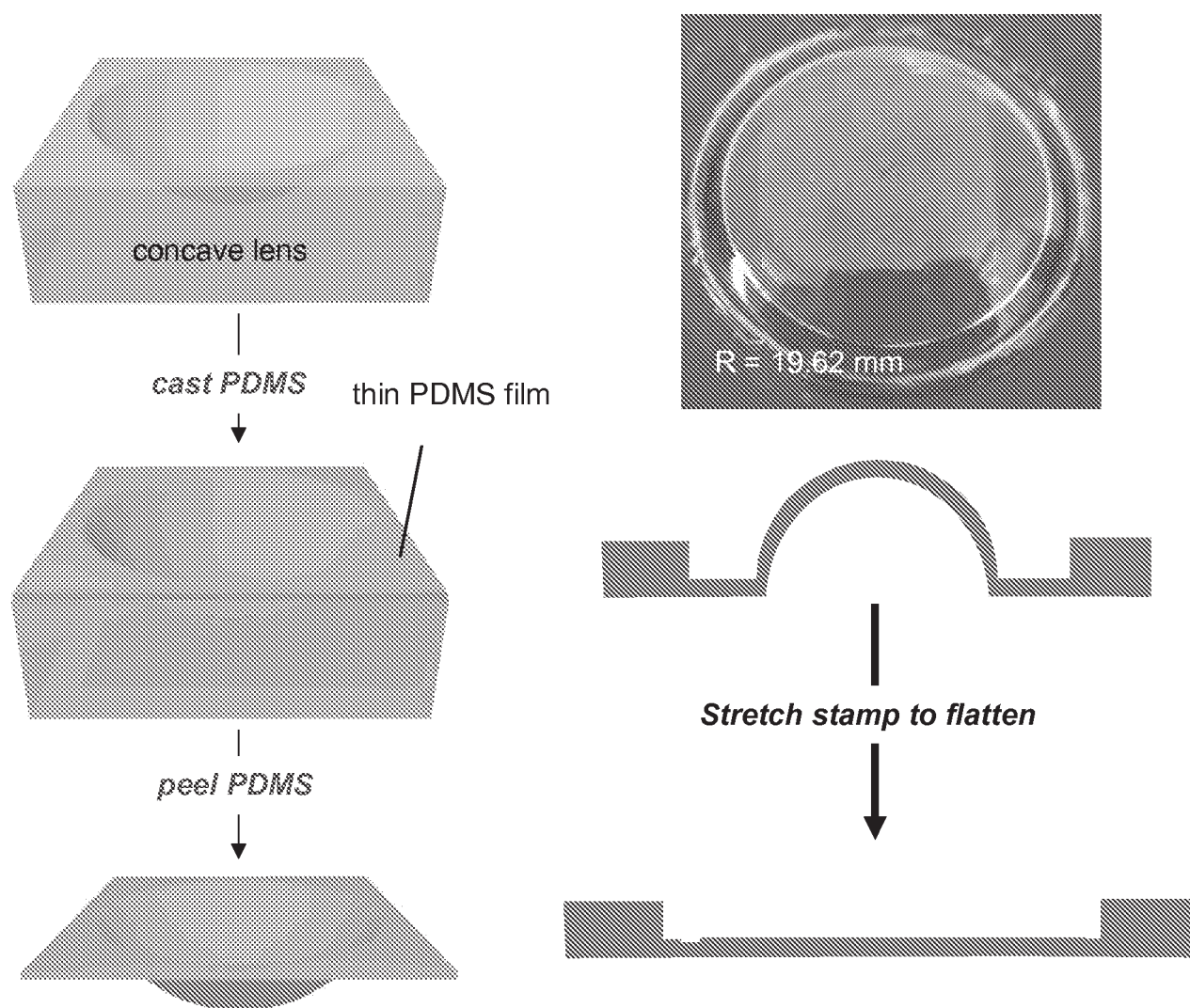


FIG. 21

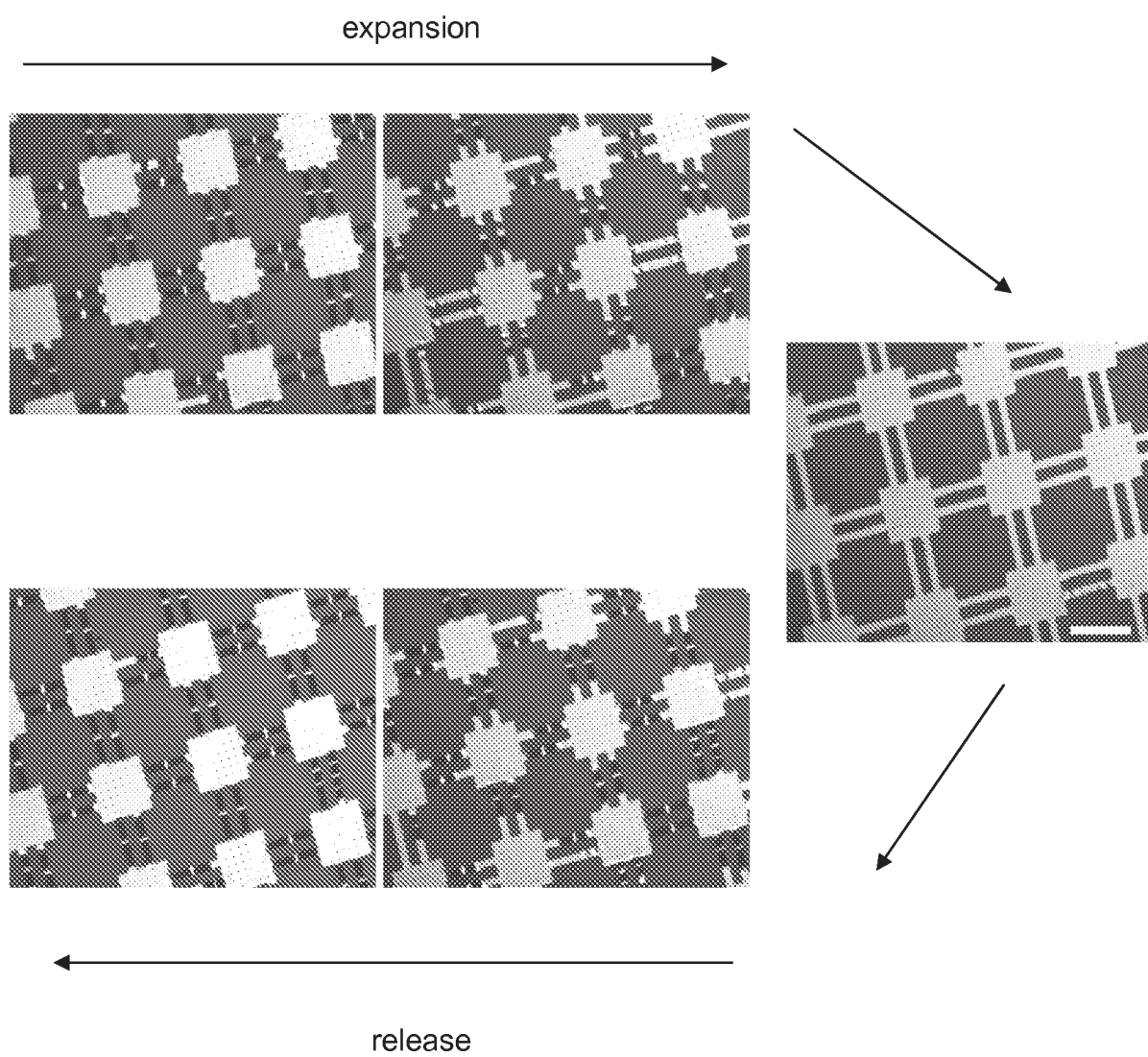


FIG. 22

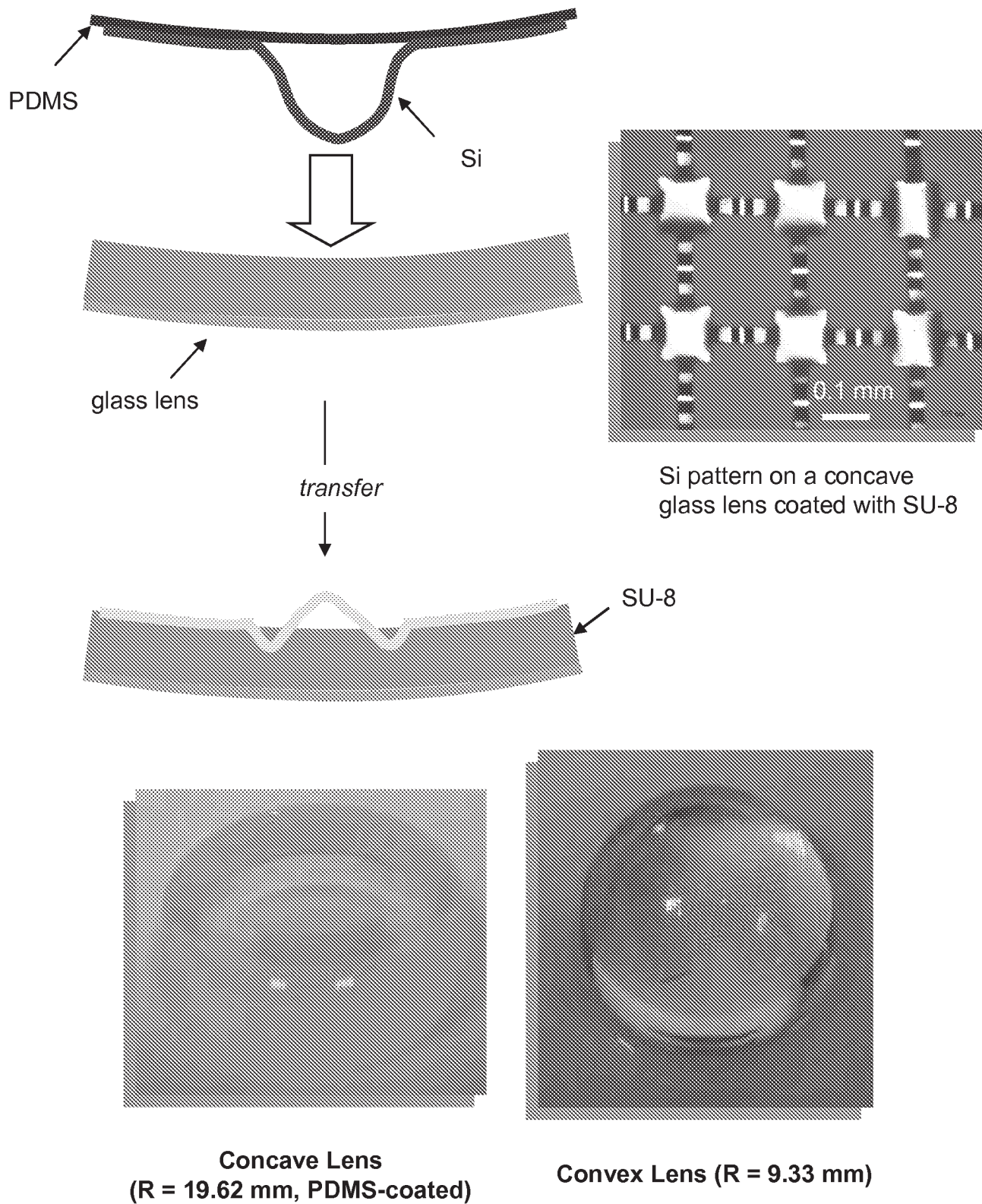


FIG. 23

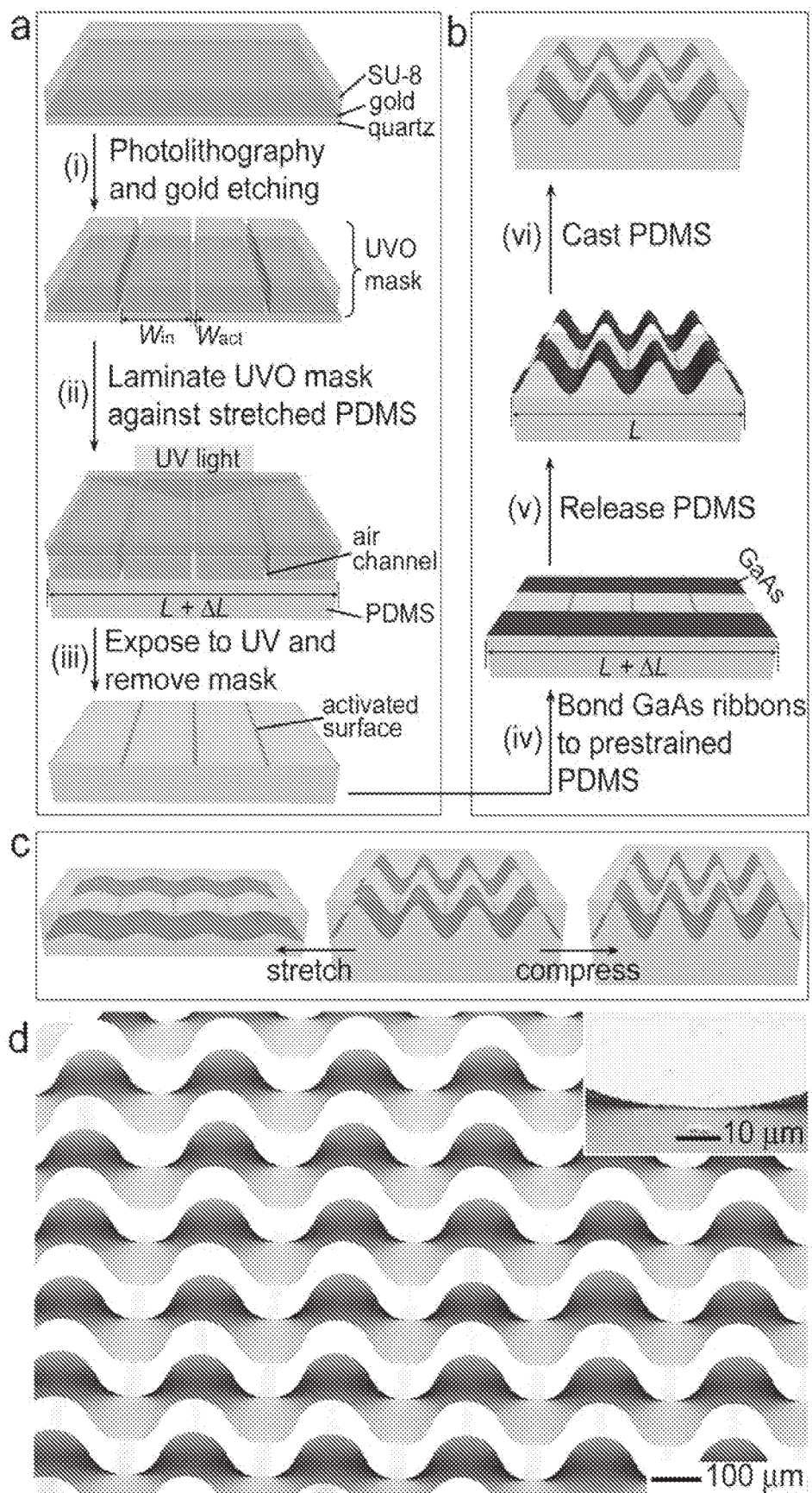


FIG. 24

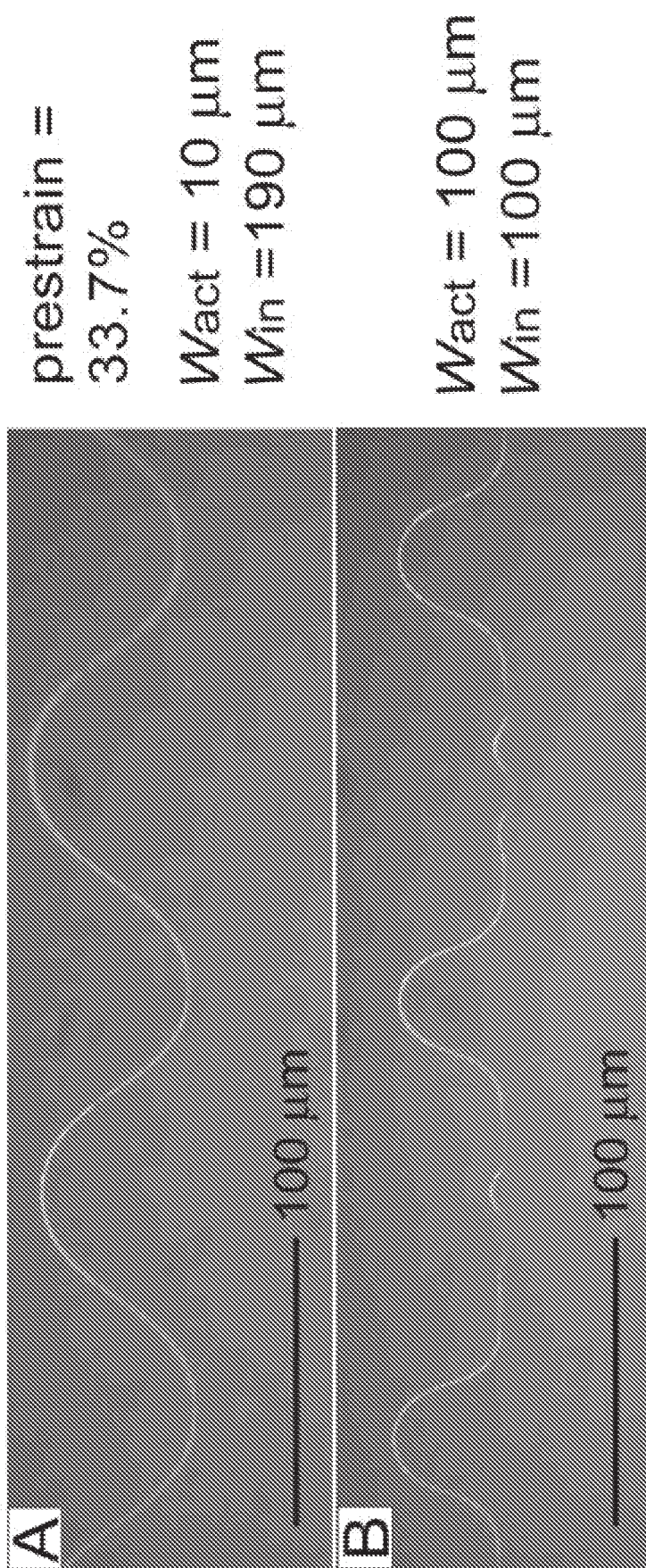


FIG. 25

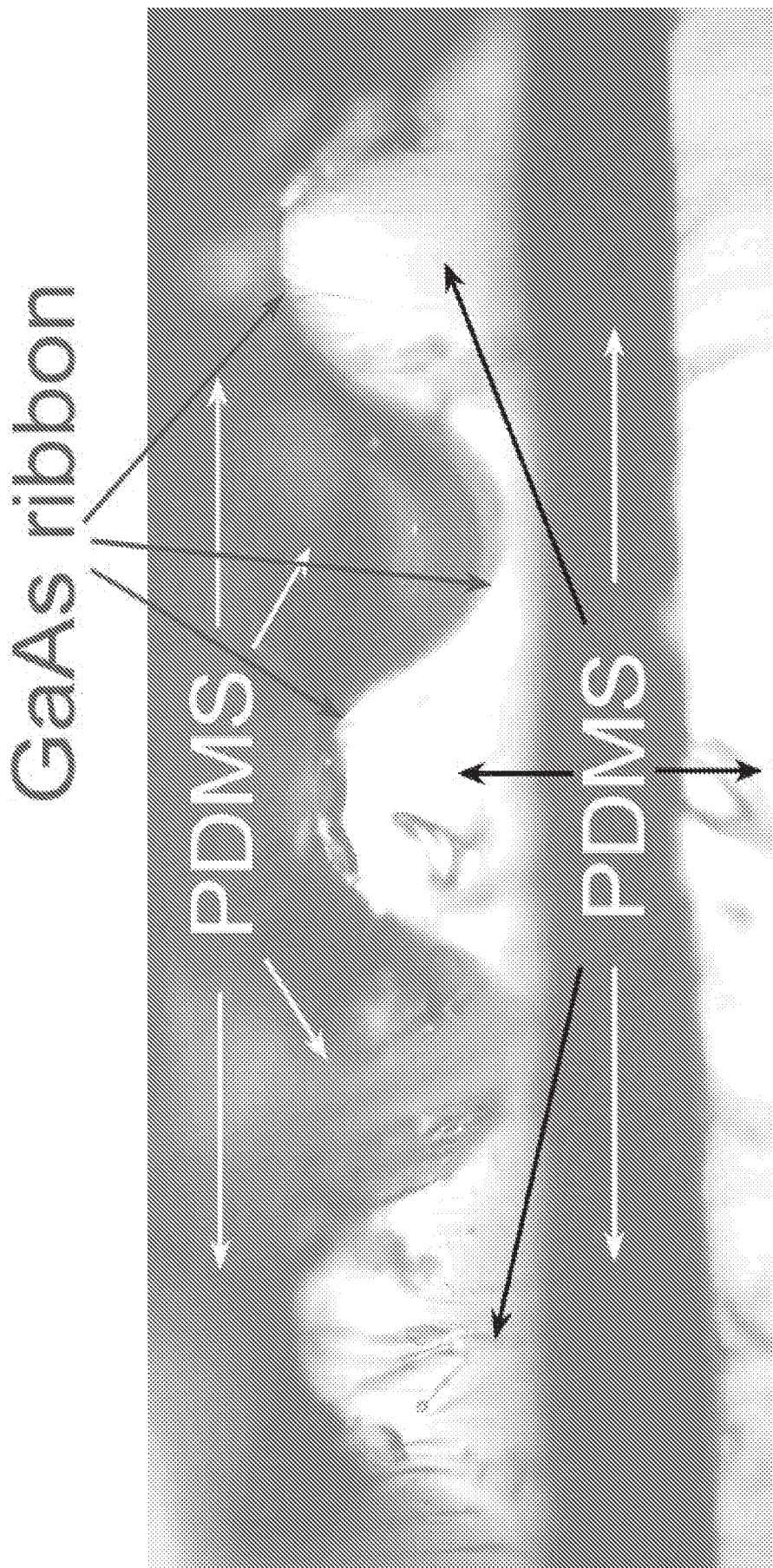


FIG. 26

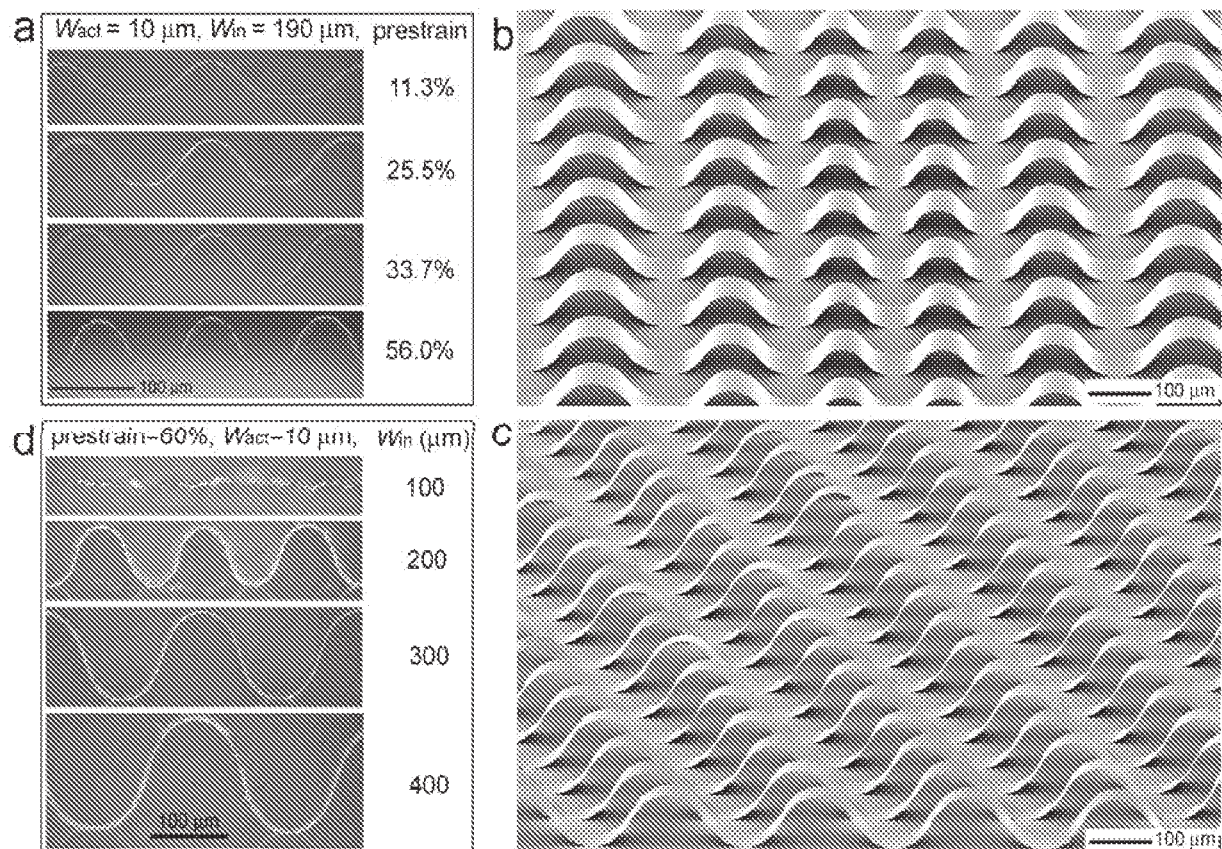


FIG. 27

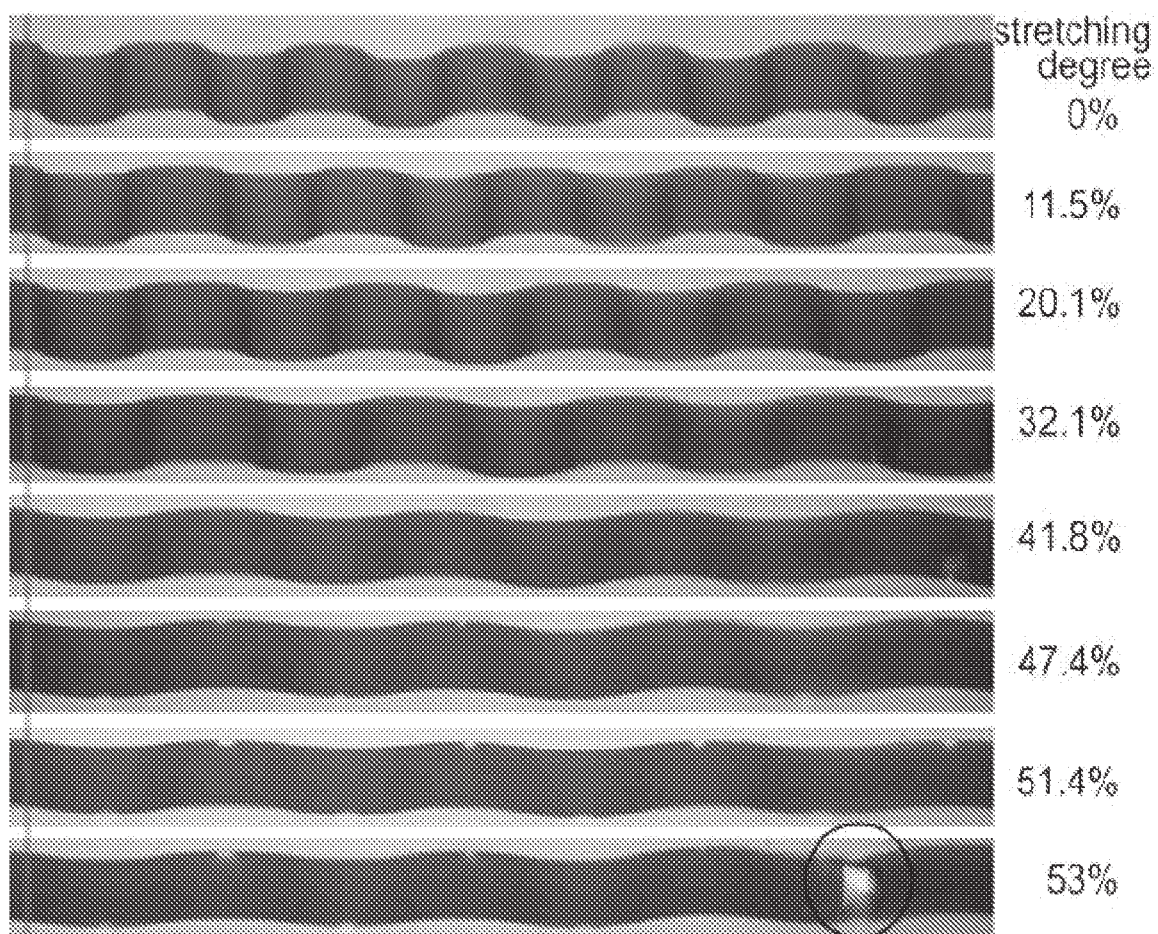


FIG. 28B

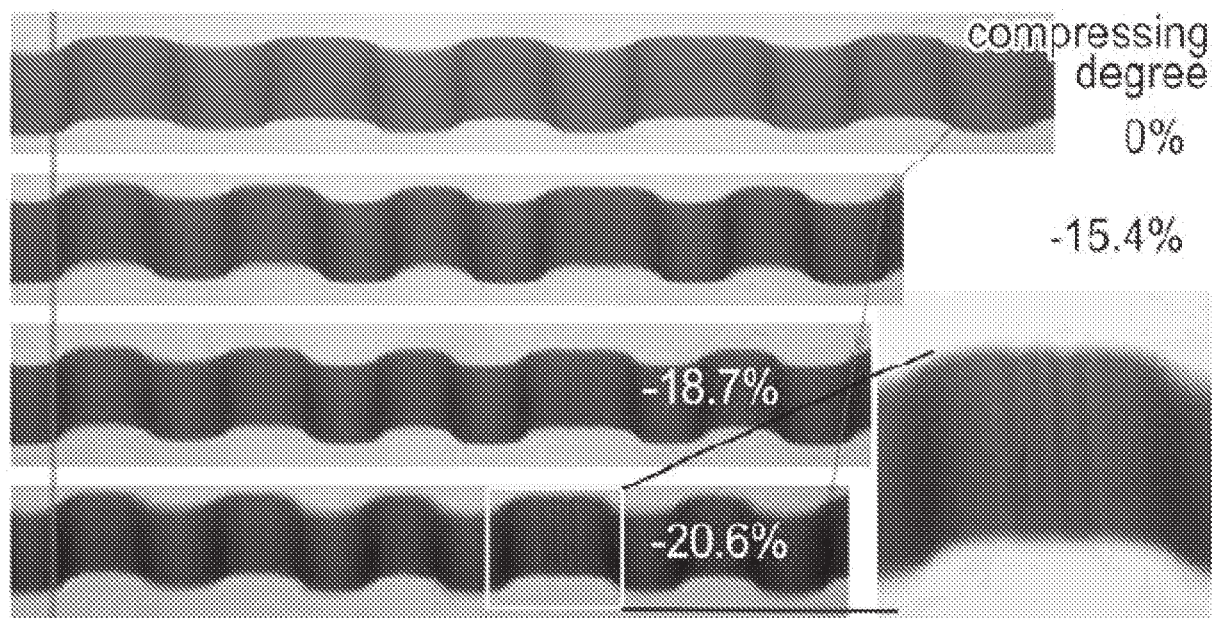
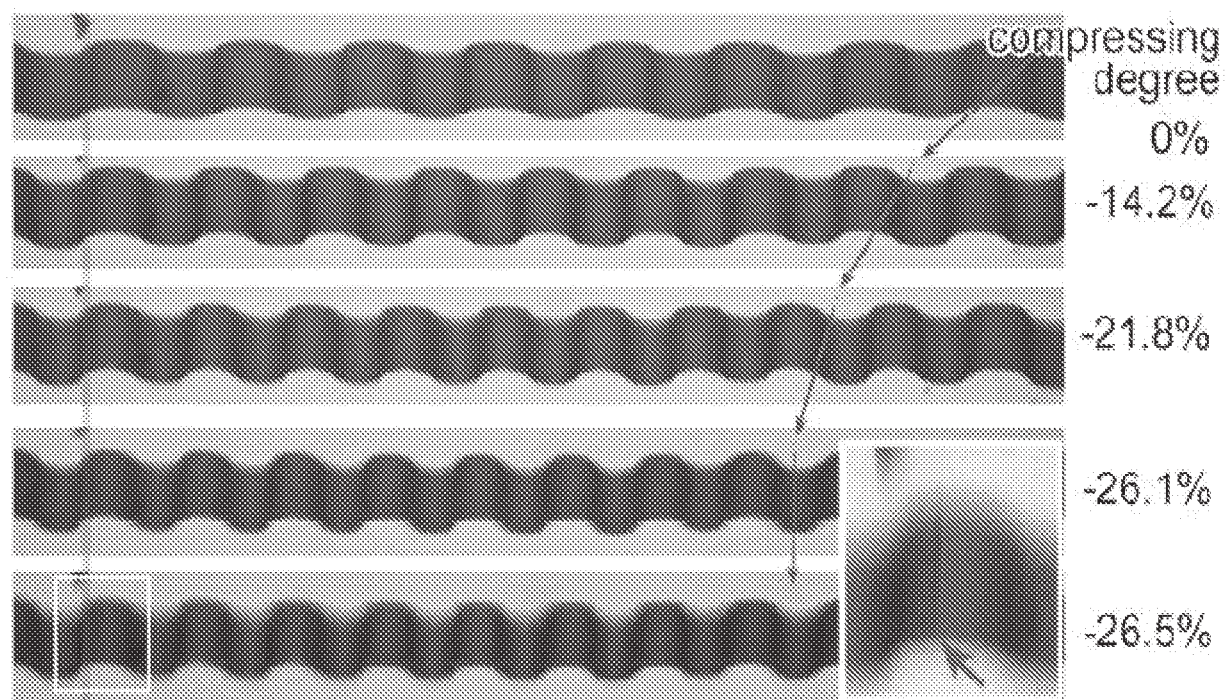


FIG. 28C



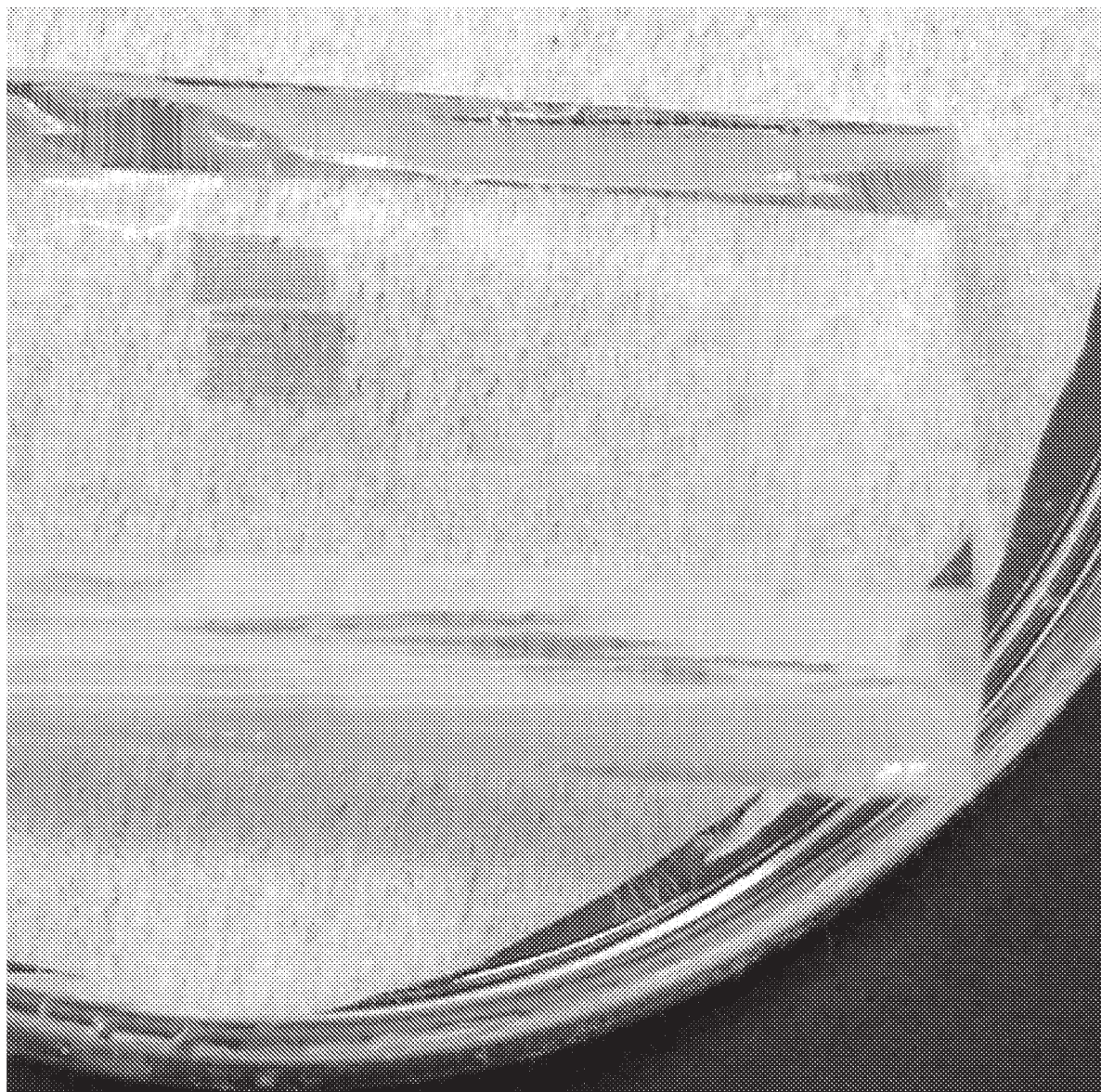


FIG. 29

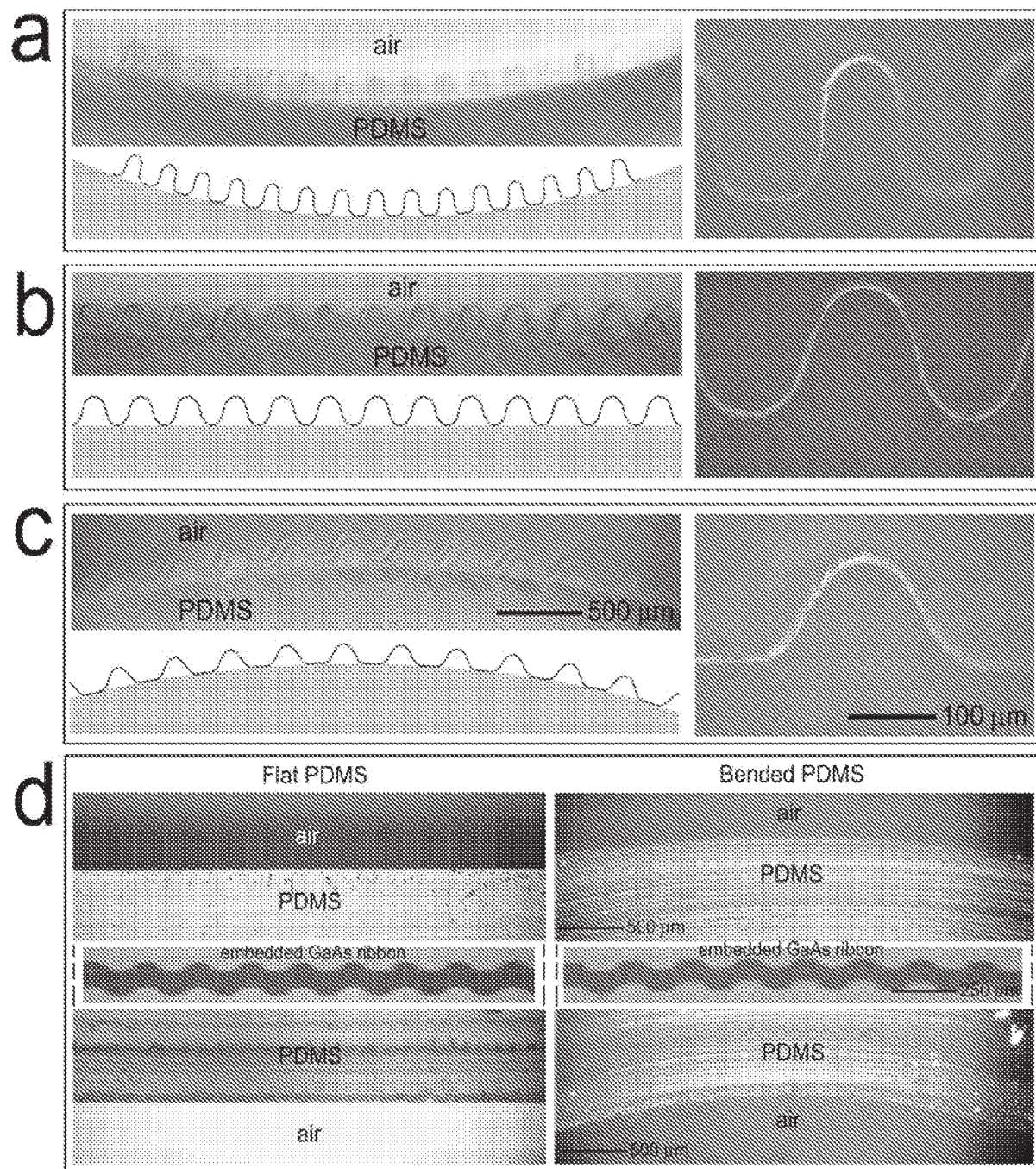


FIG. 30

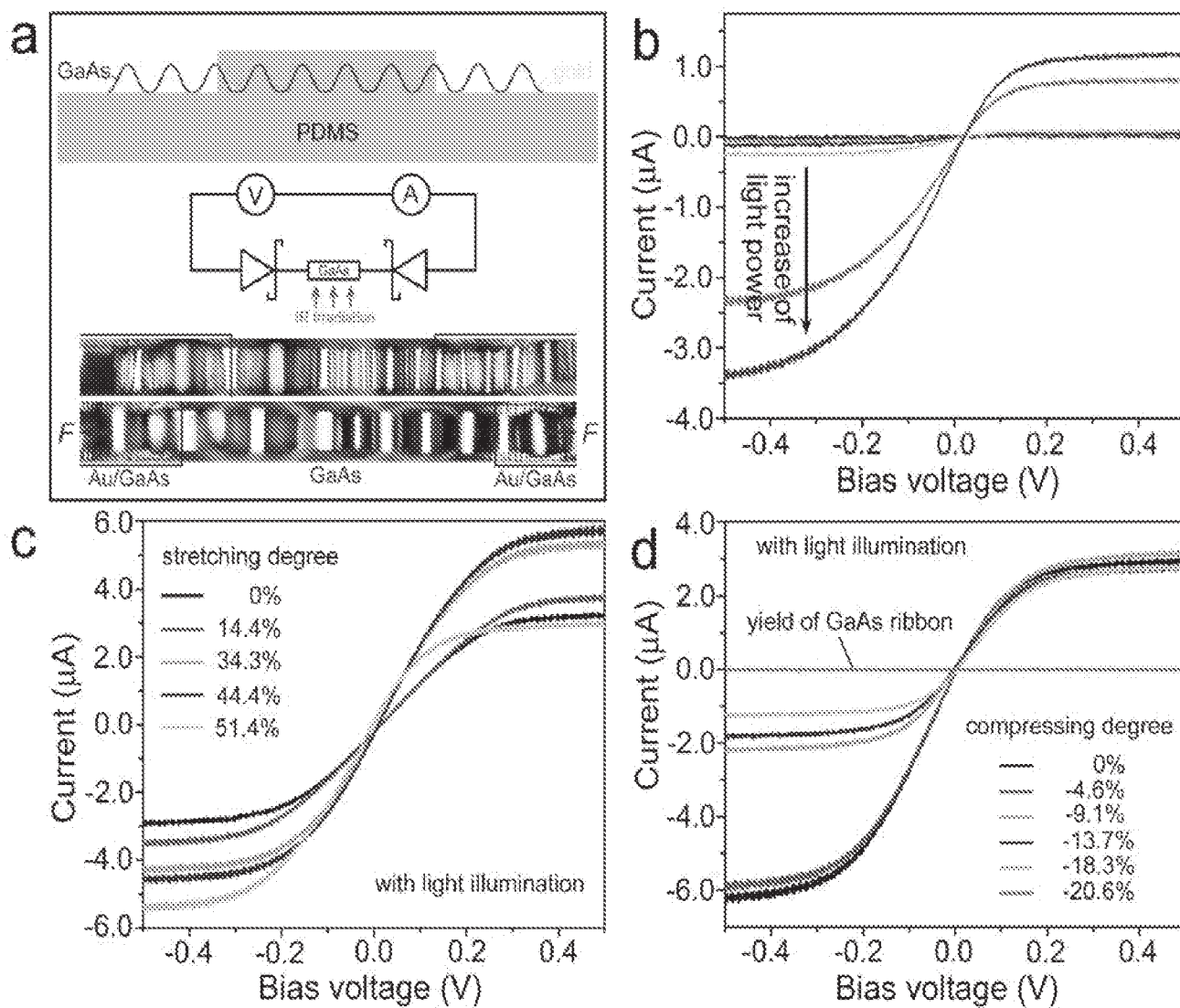


FIG. 31

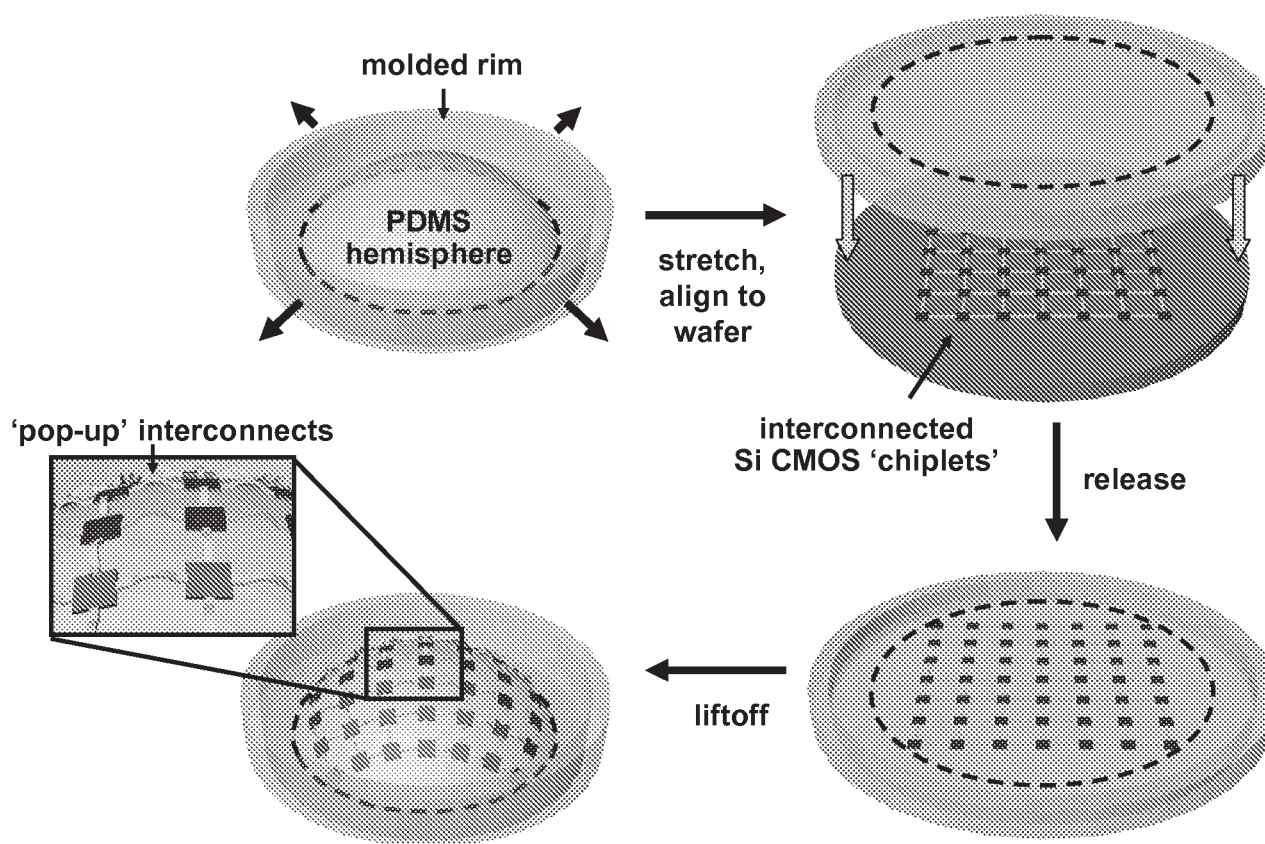


FIG. 32

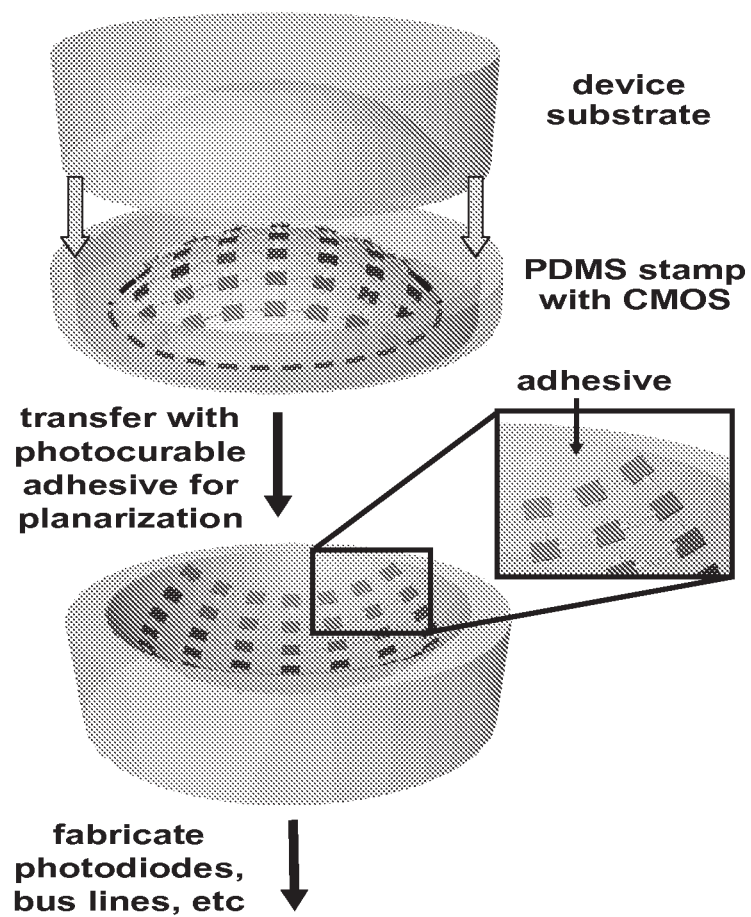


FIG. 33

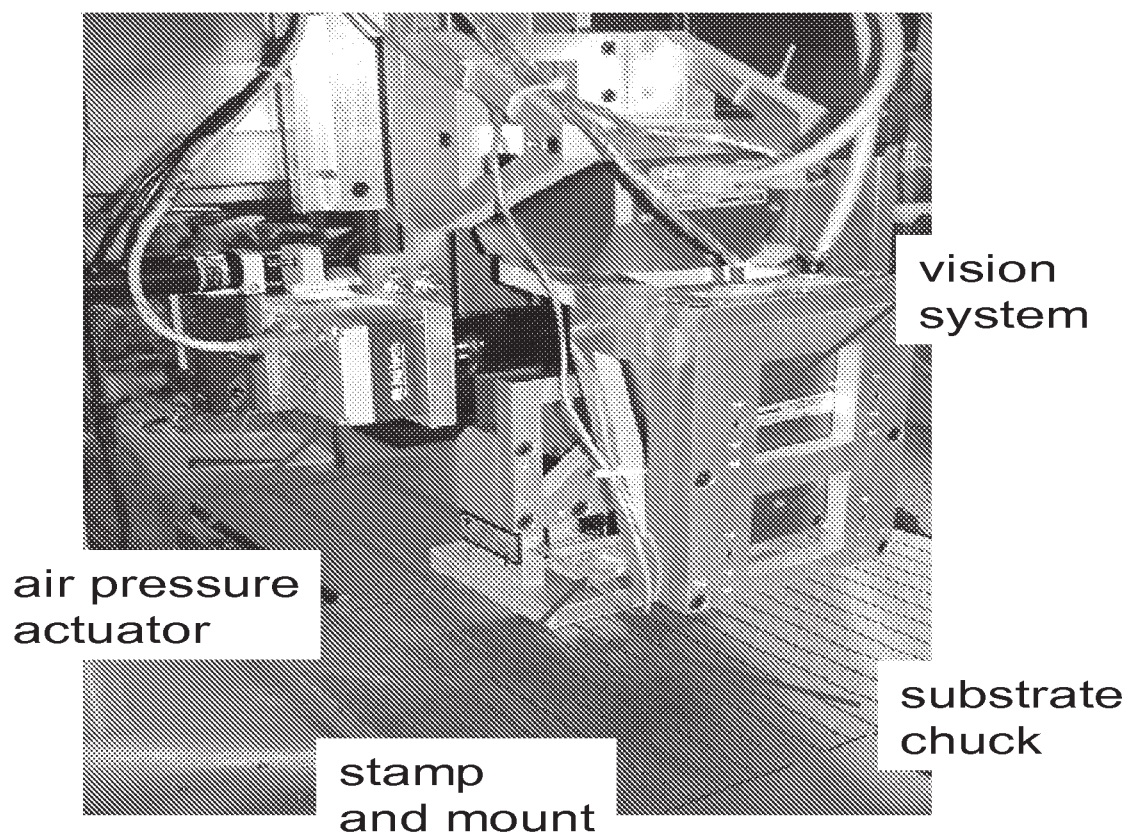


FIG. 34

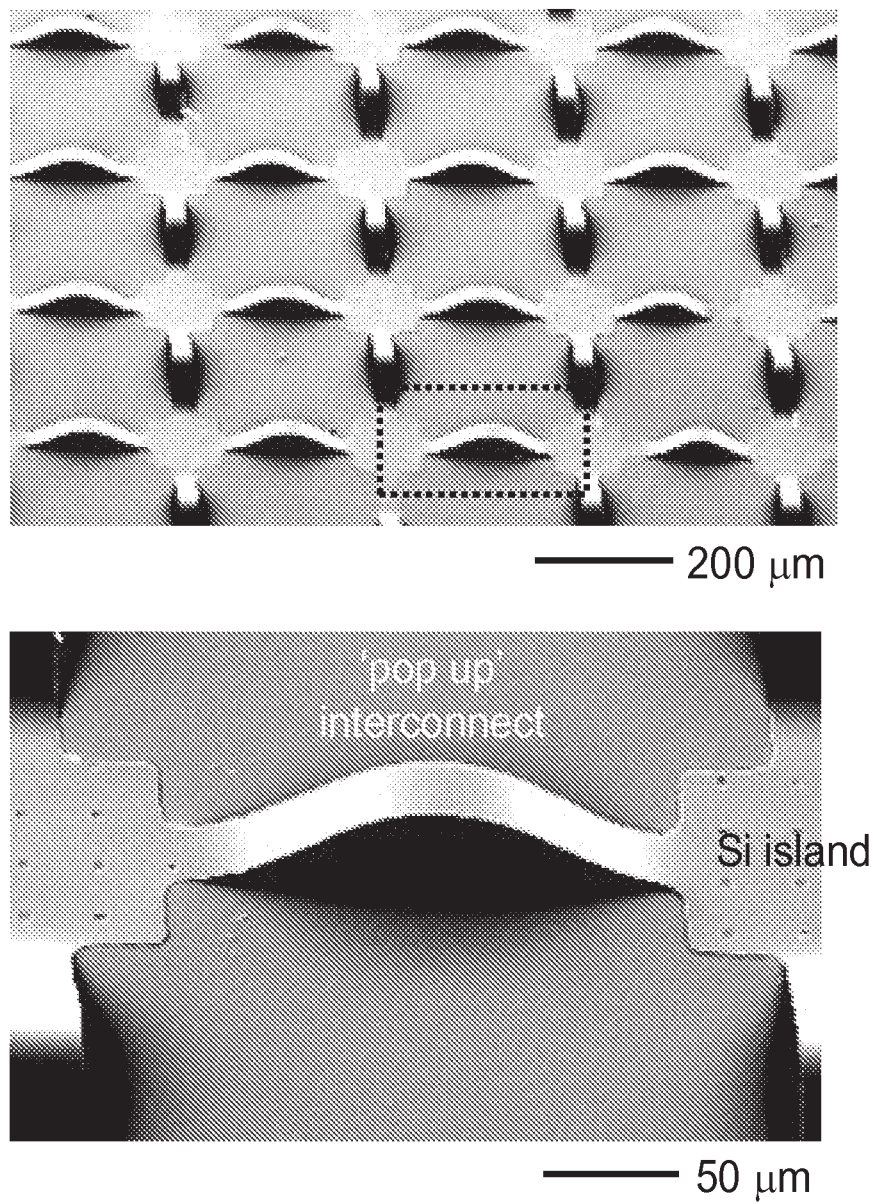
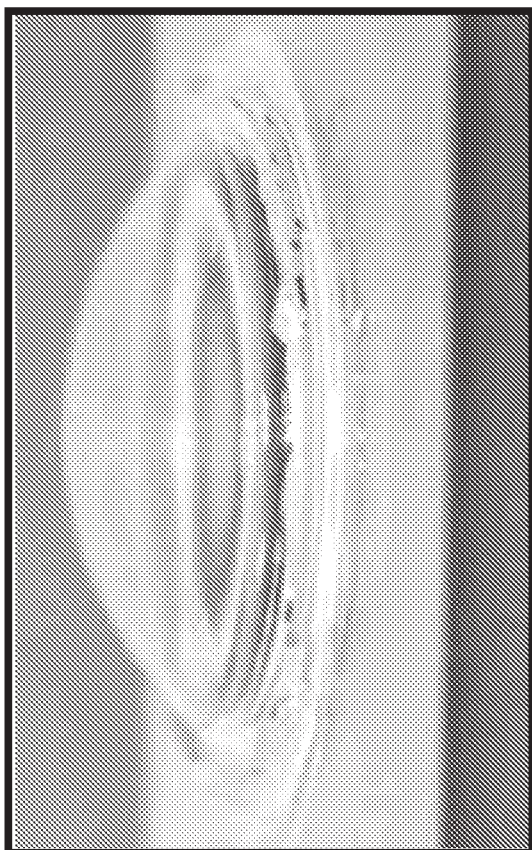
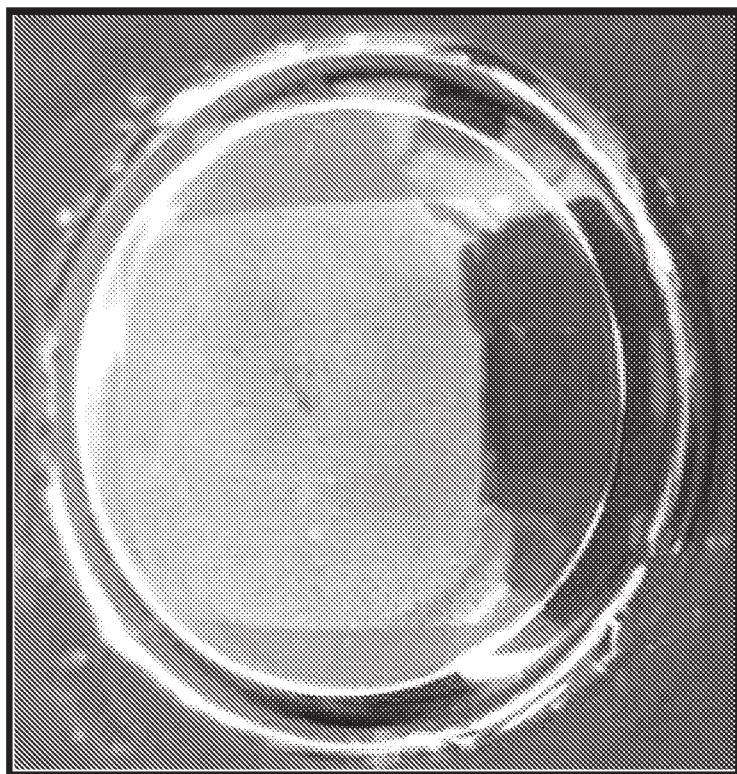


FIG. 35



— 1 cm

FIG. 36

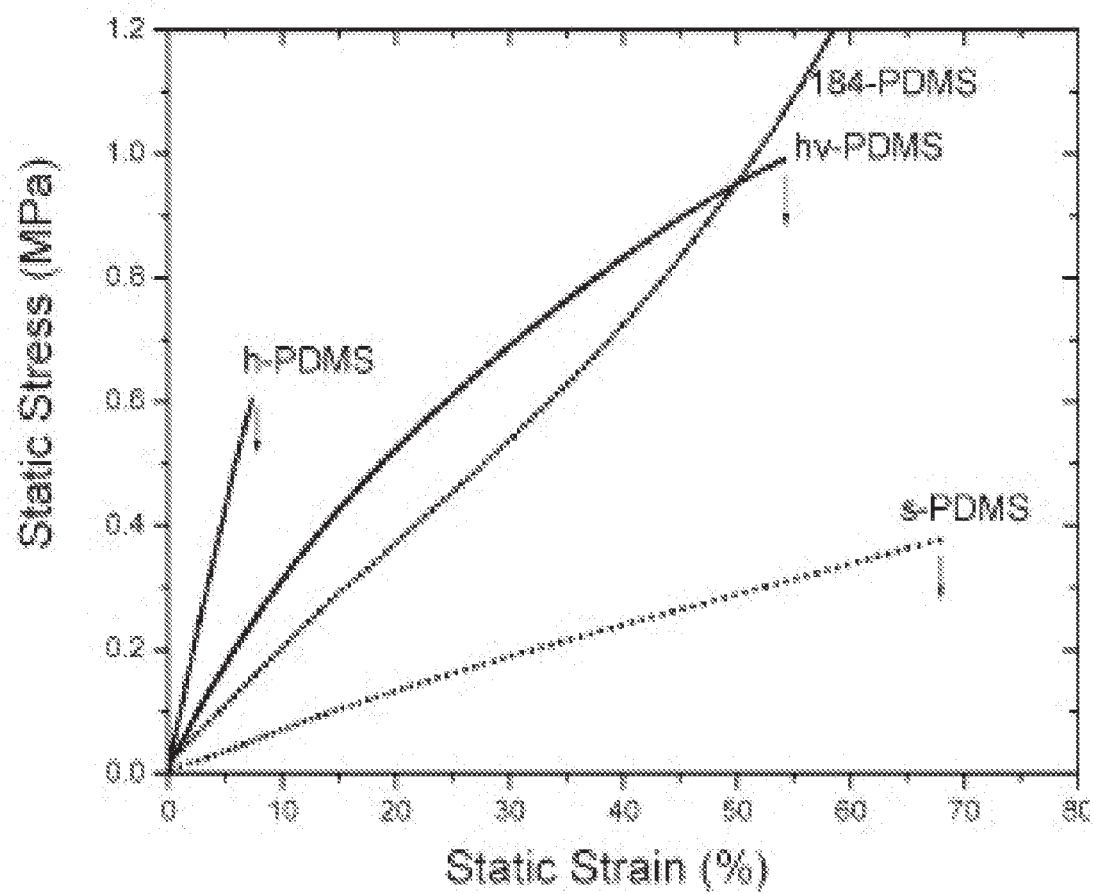


FIG. 37

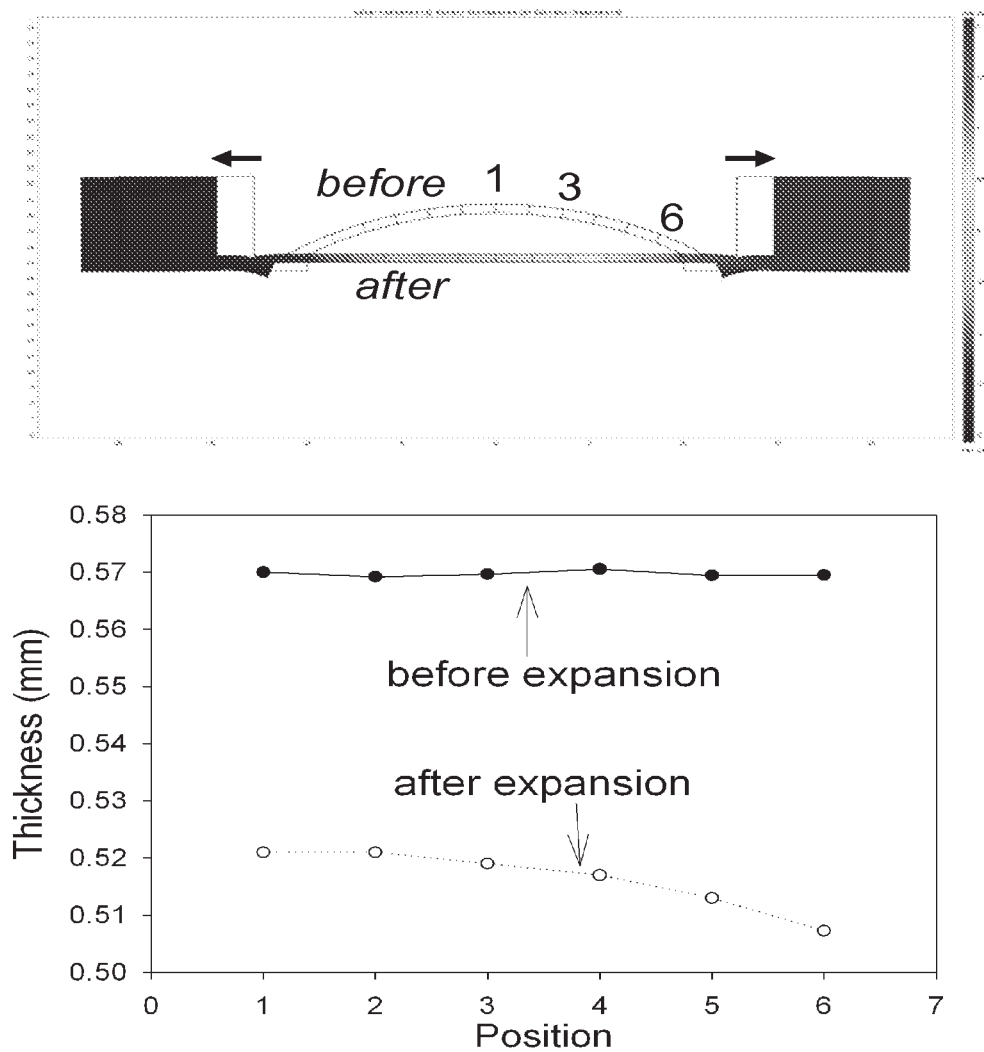


FIG. 38

41 / 71

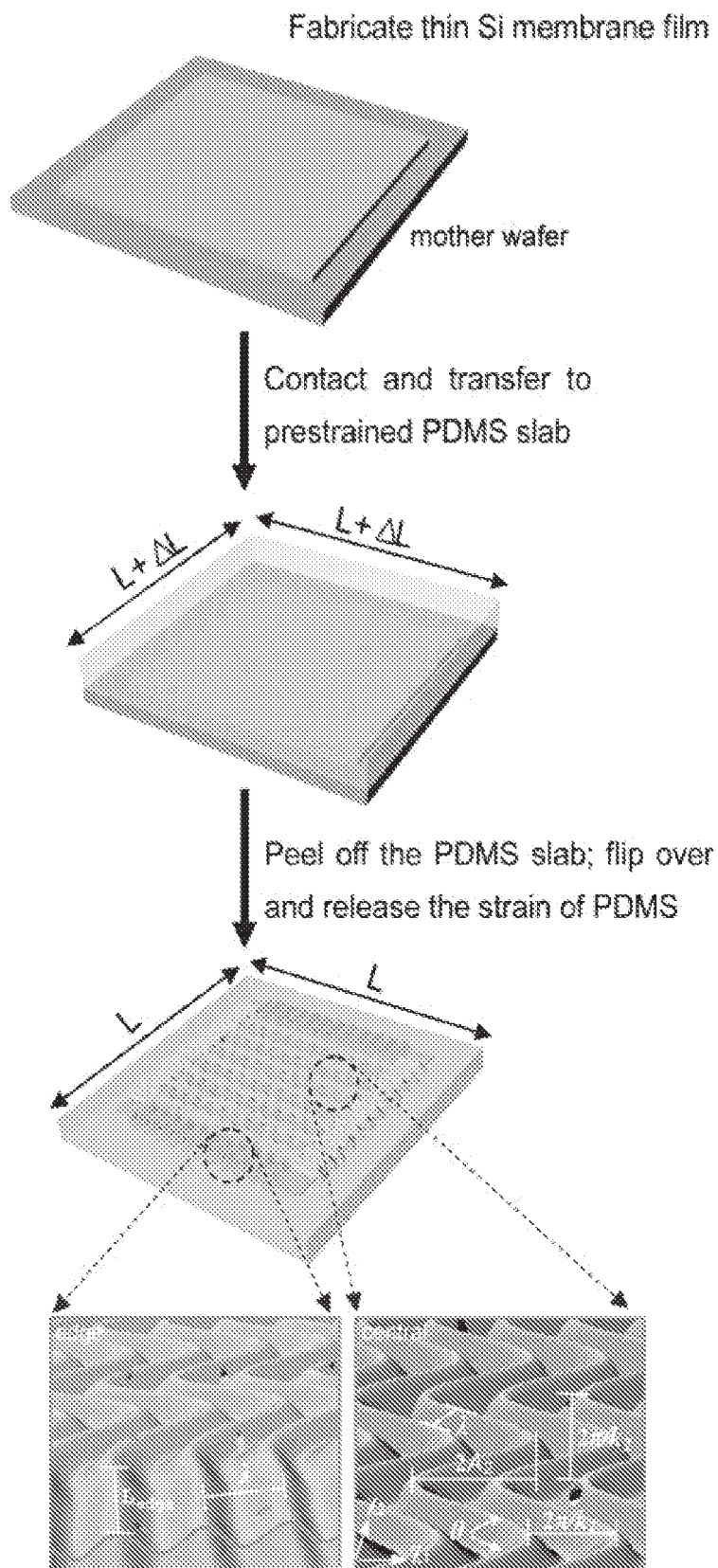


FIG. 39

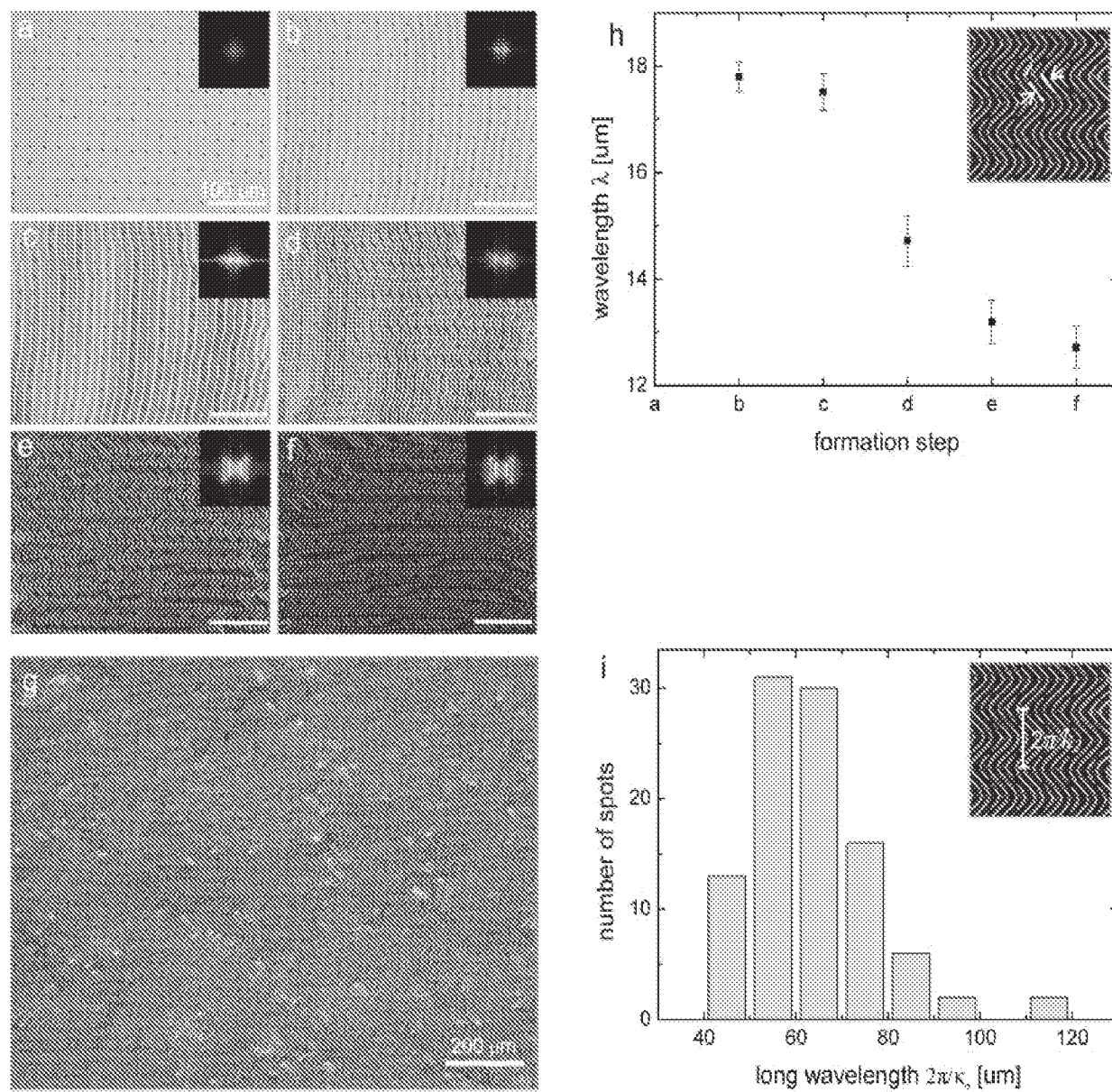


FIG. 40

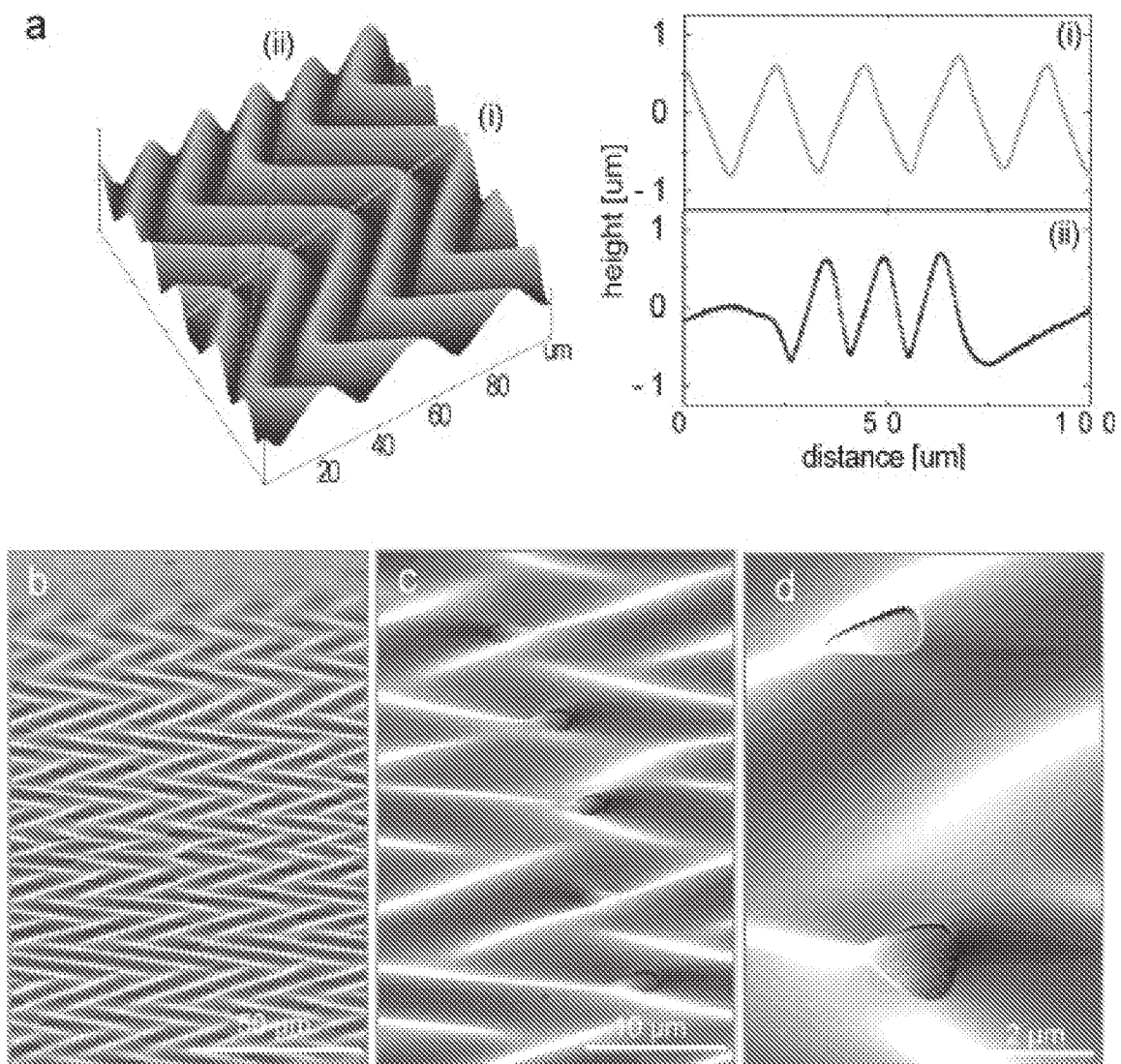


FIG. 41

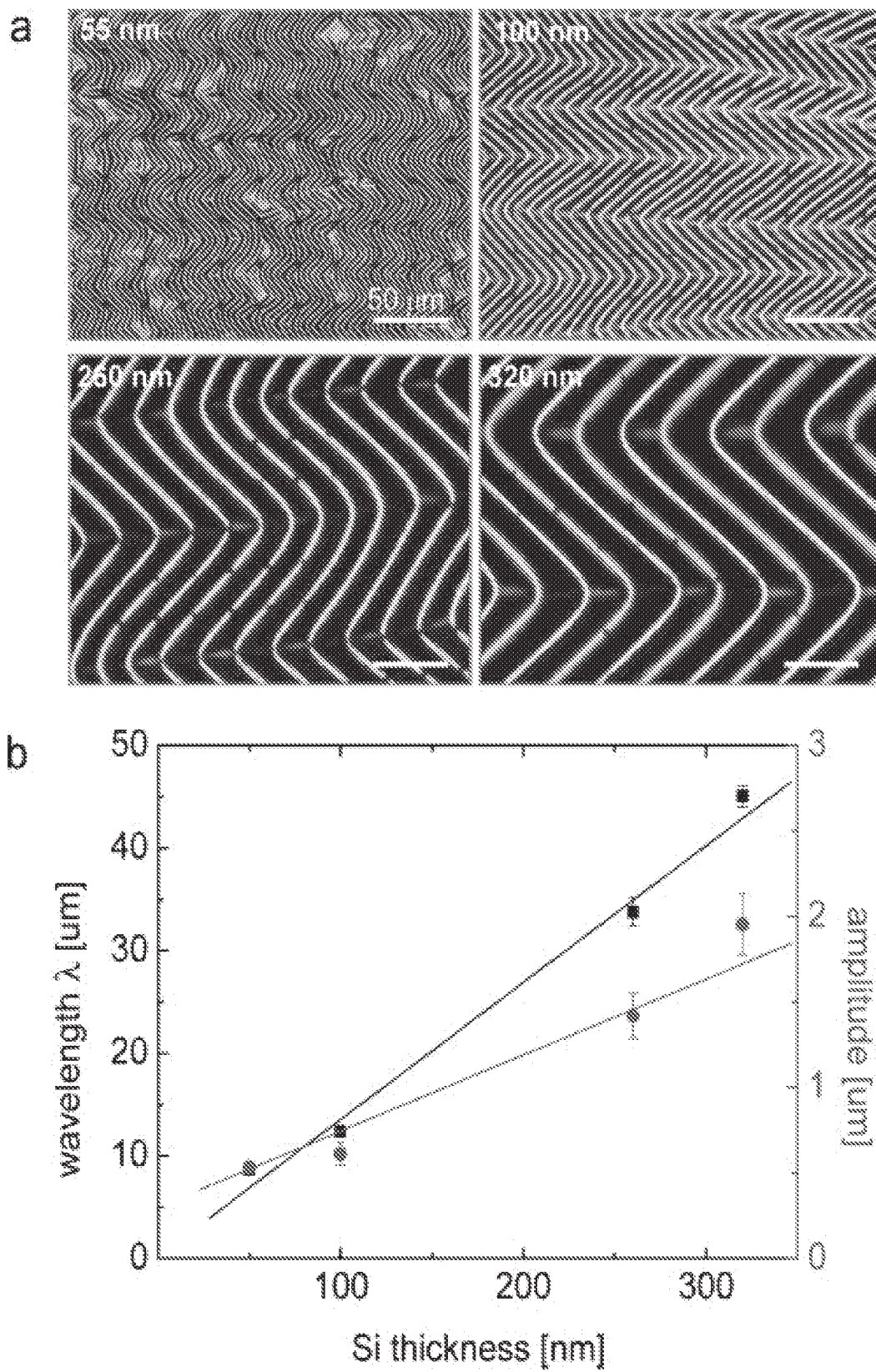


FIG. 42

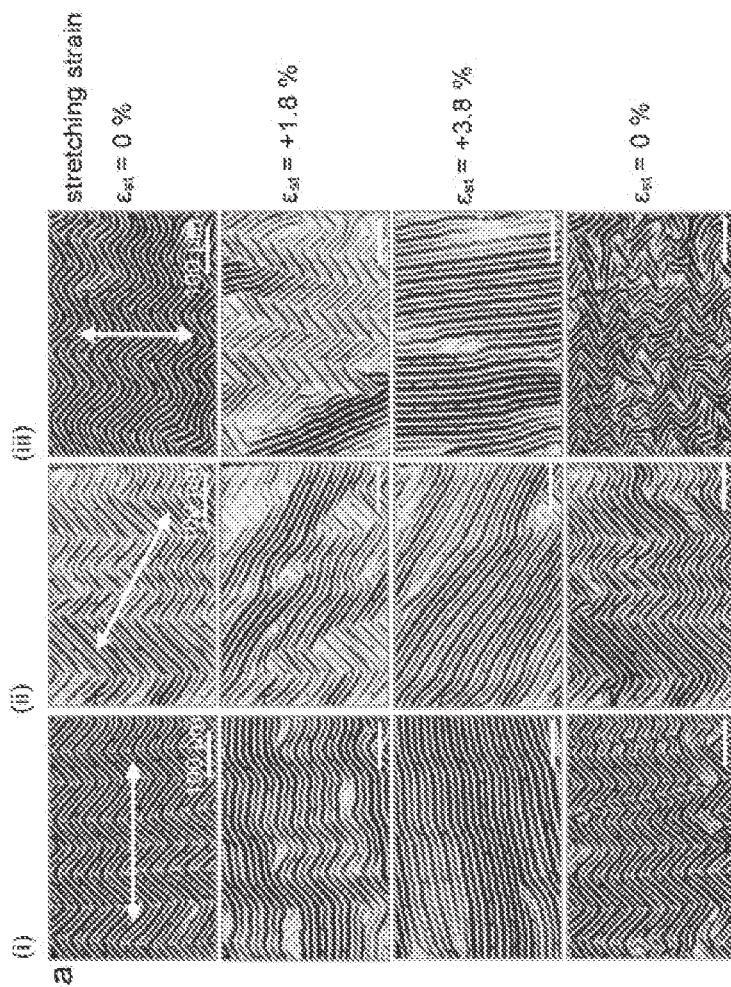
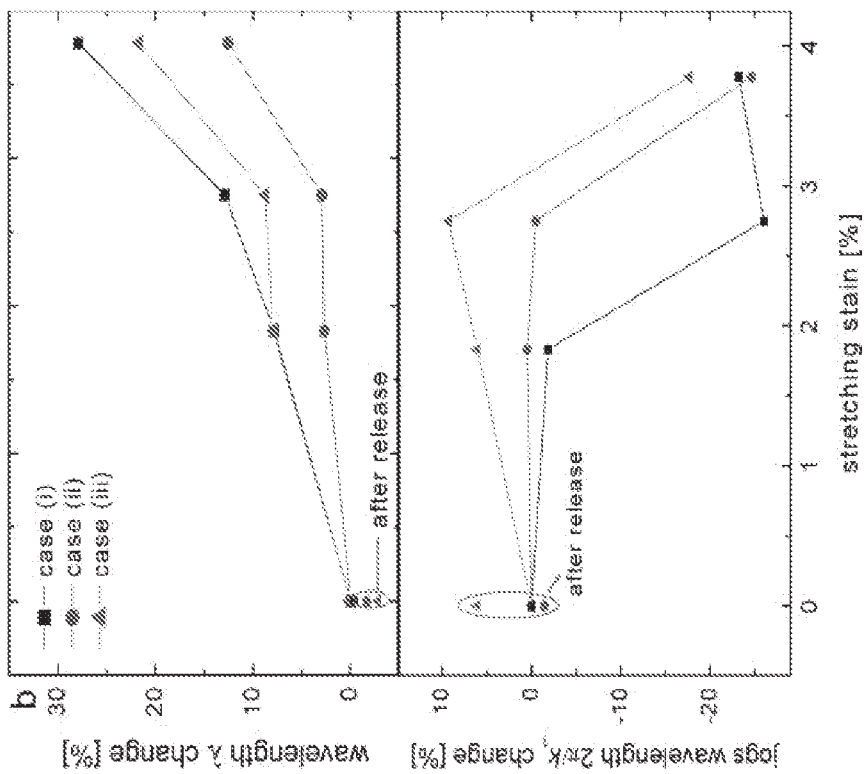


FIG. 43

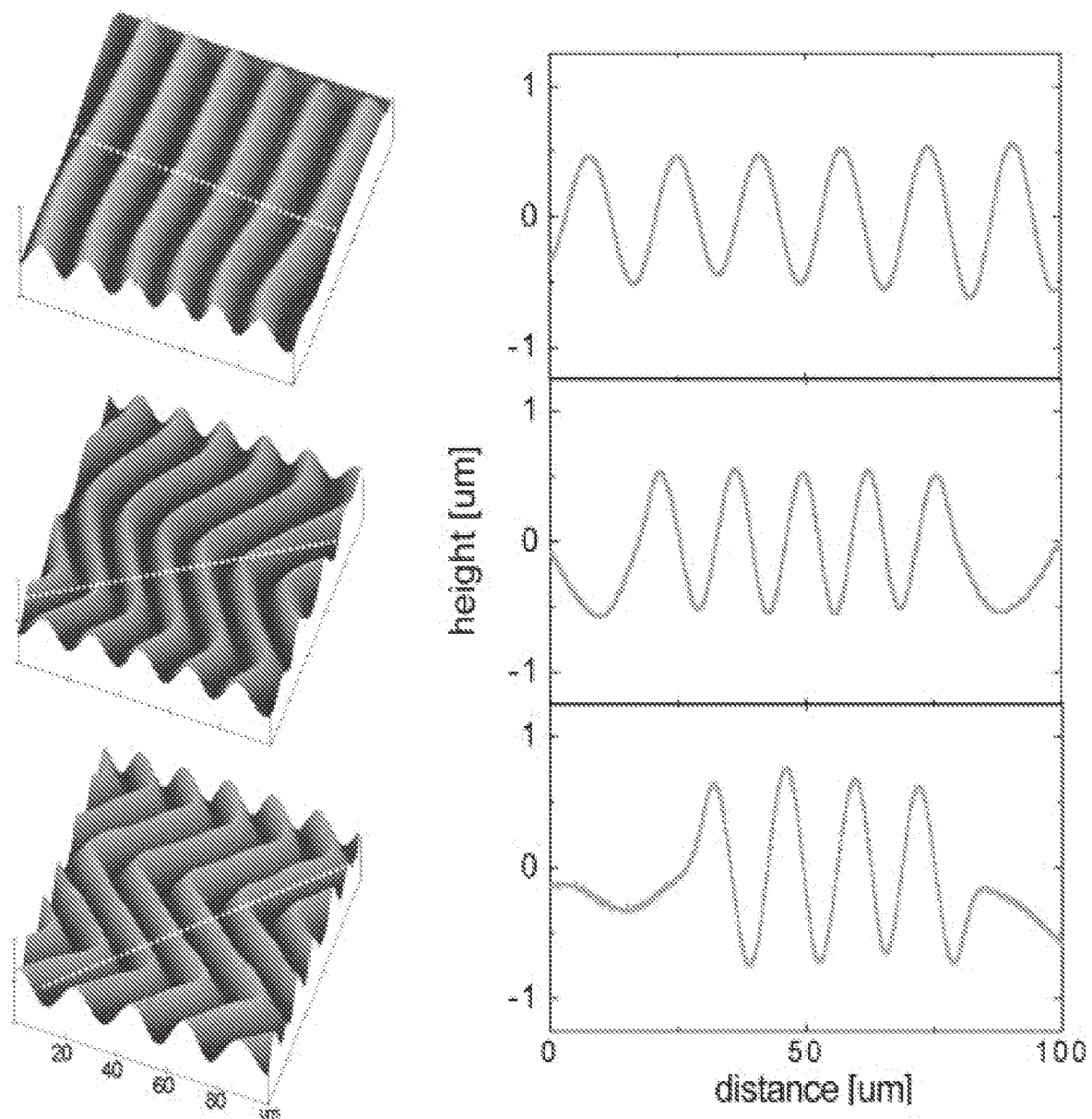


FIG. 44

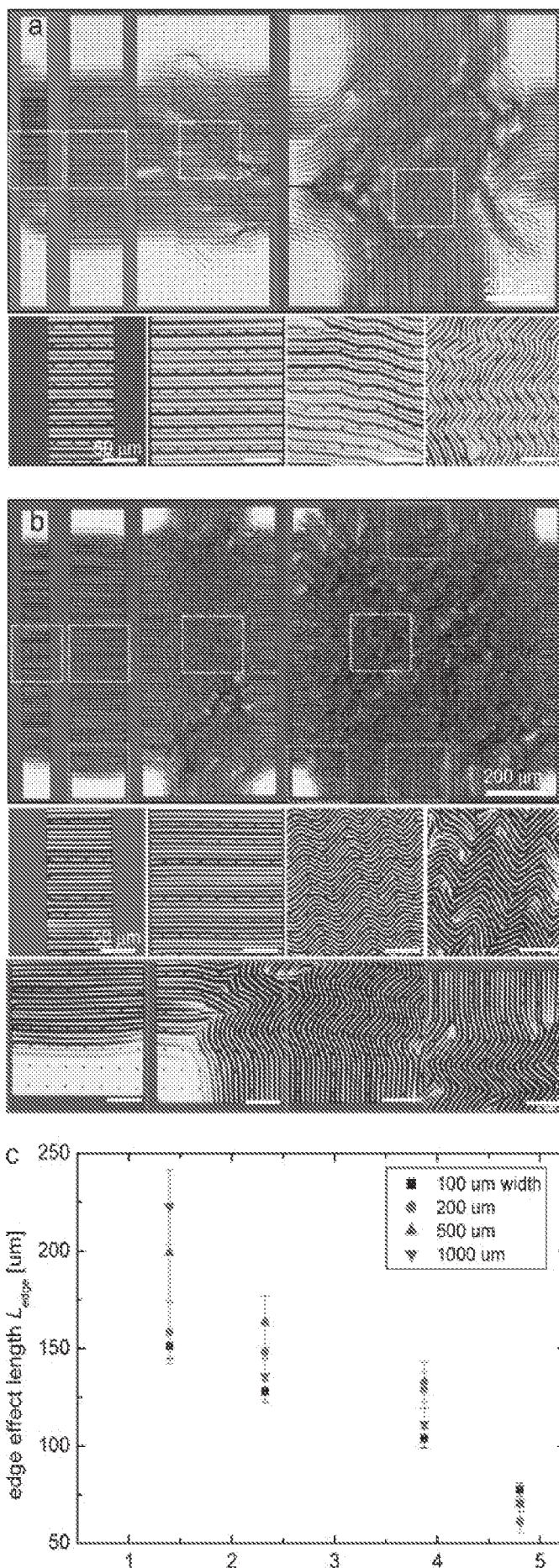


FIG. 45

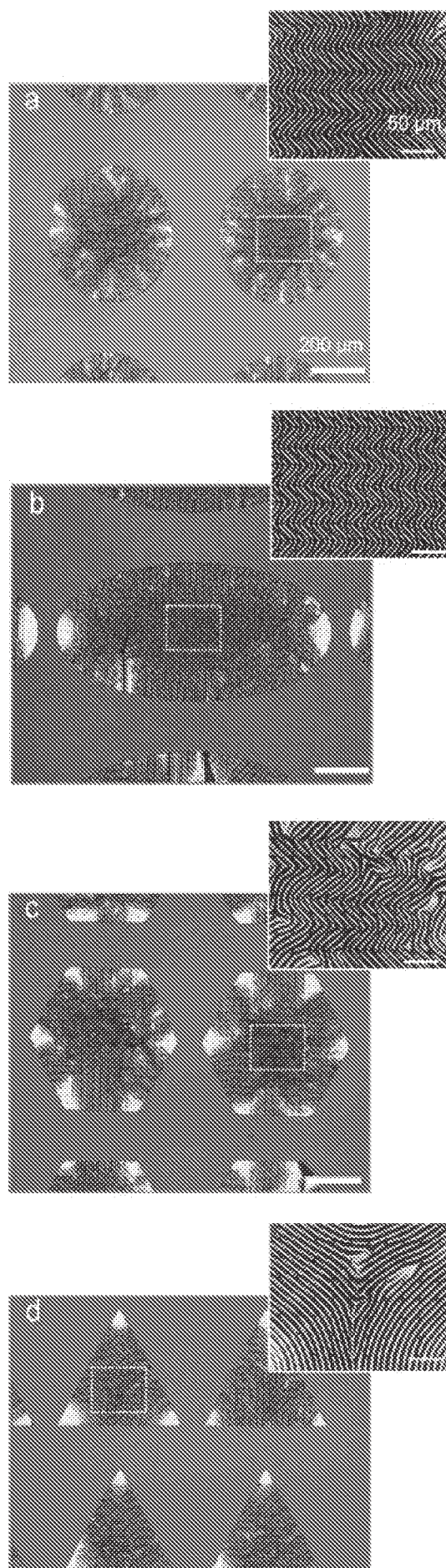


FIG. 46

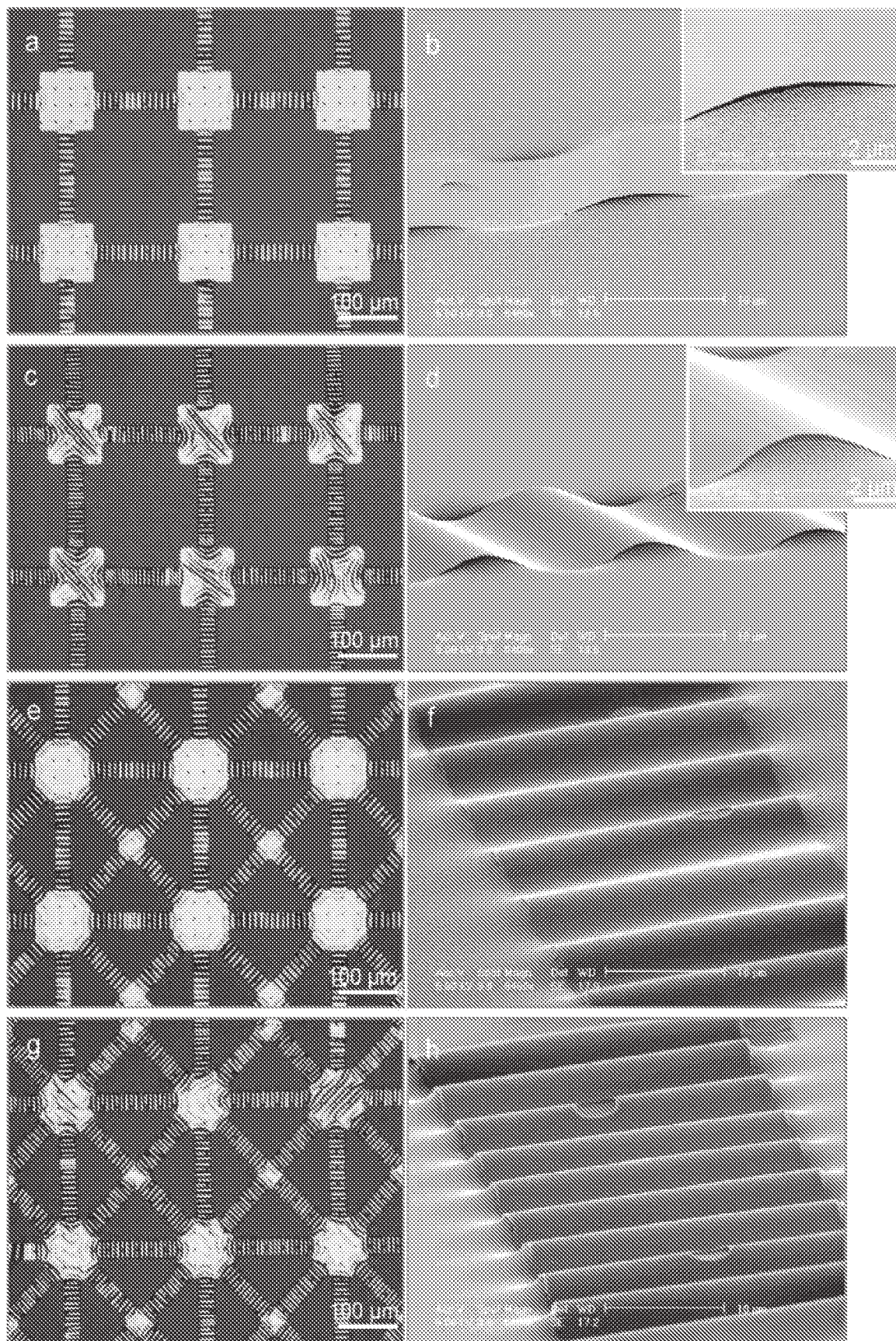


FIG. 47

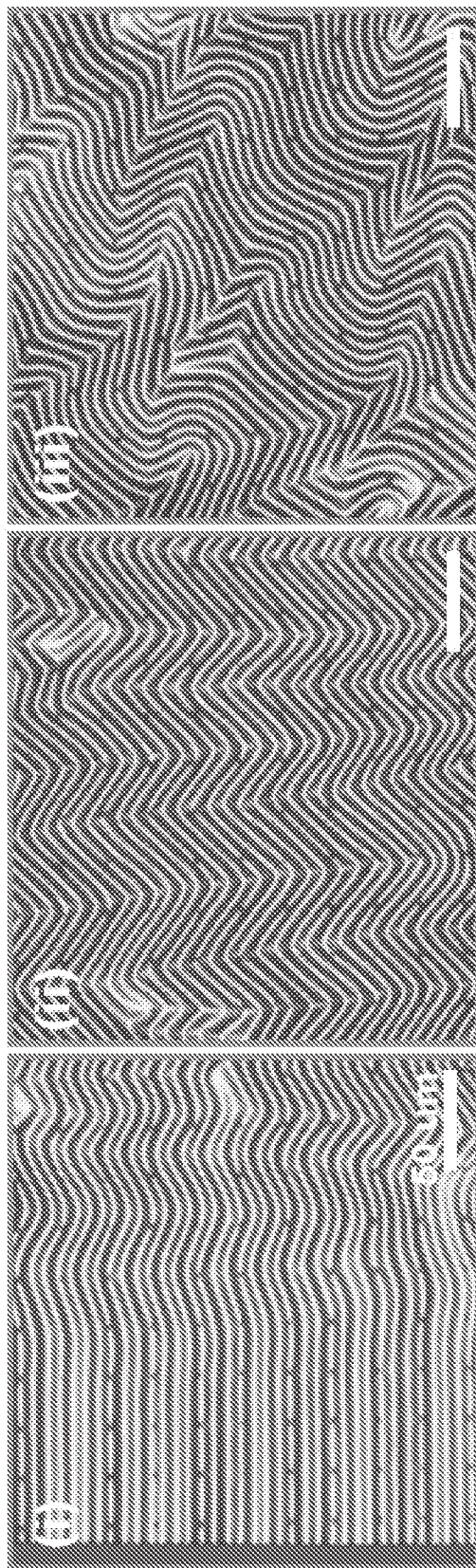
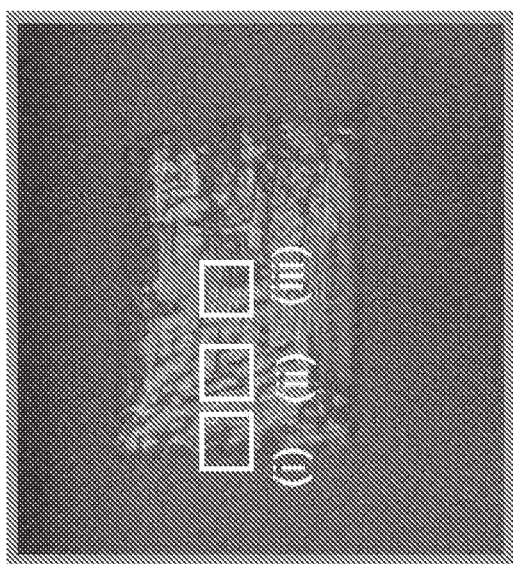


FIG. 48

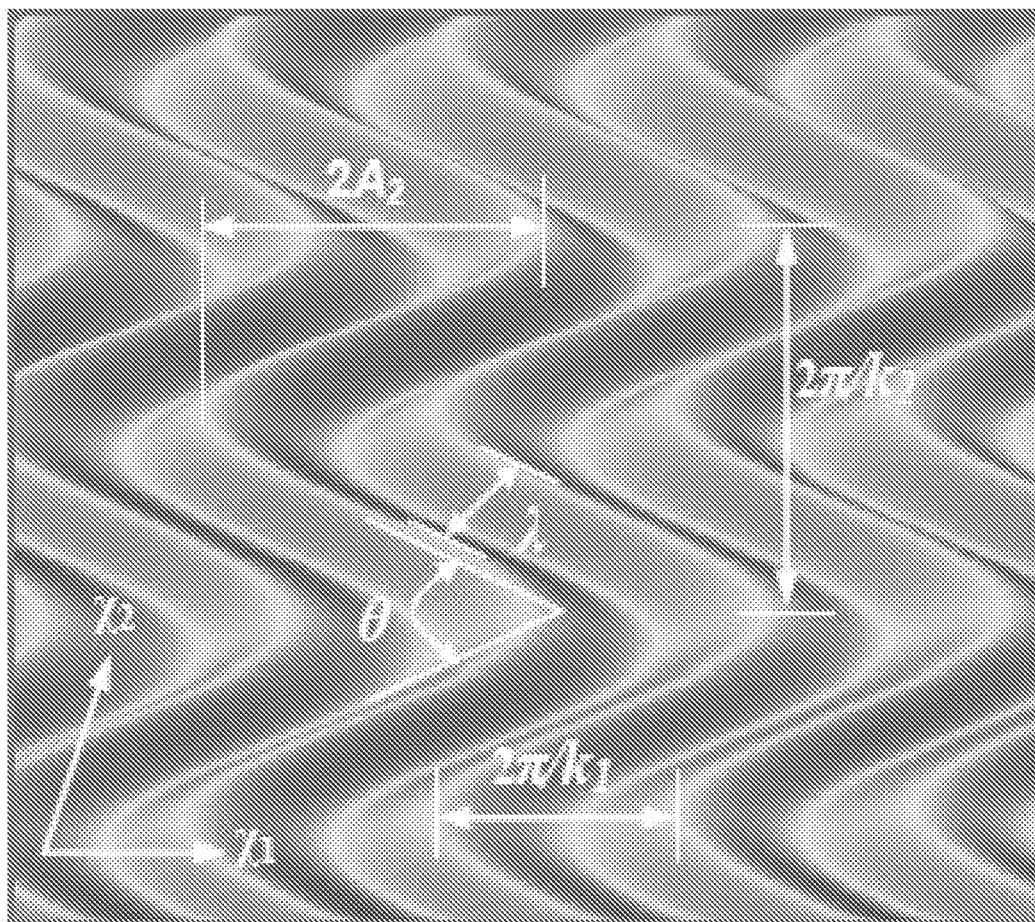


FIG. 49

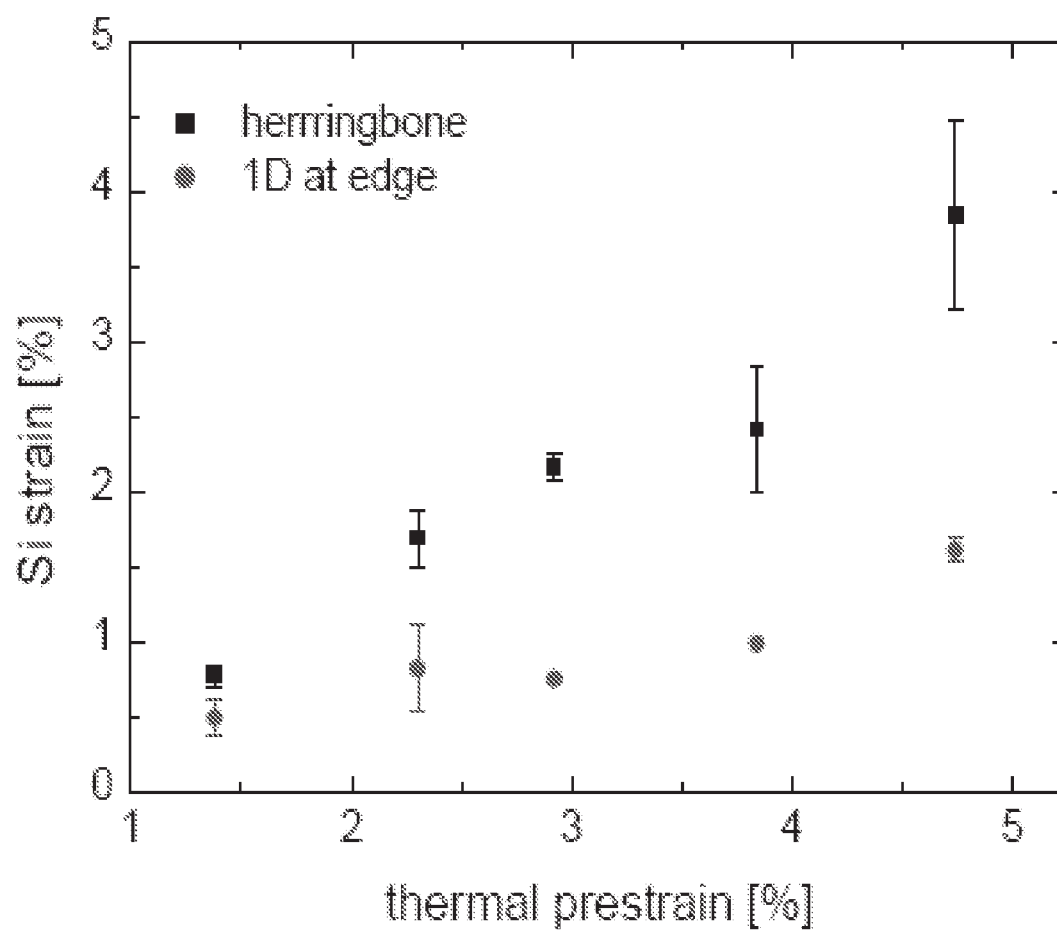


FIG. 50

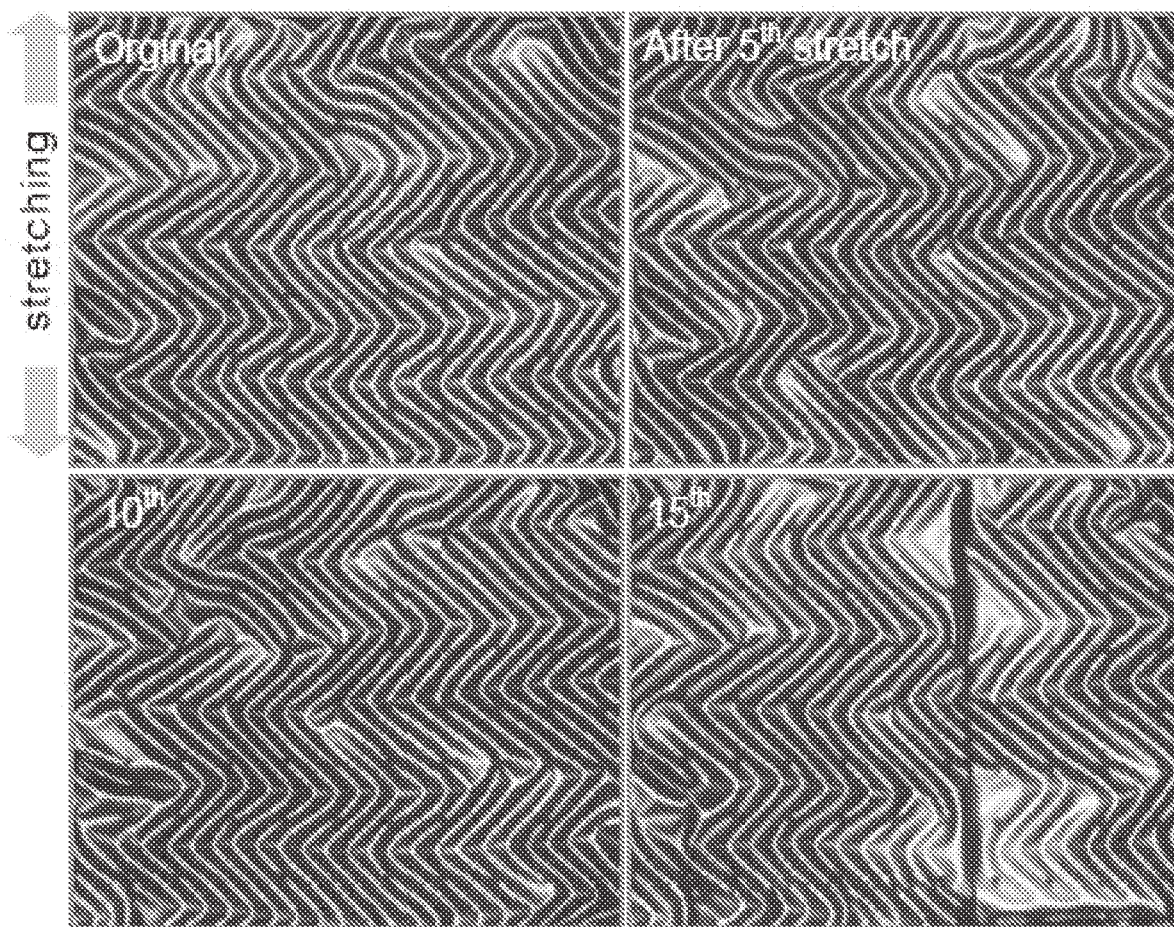


FIG. 51

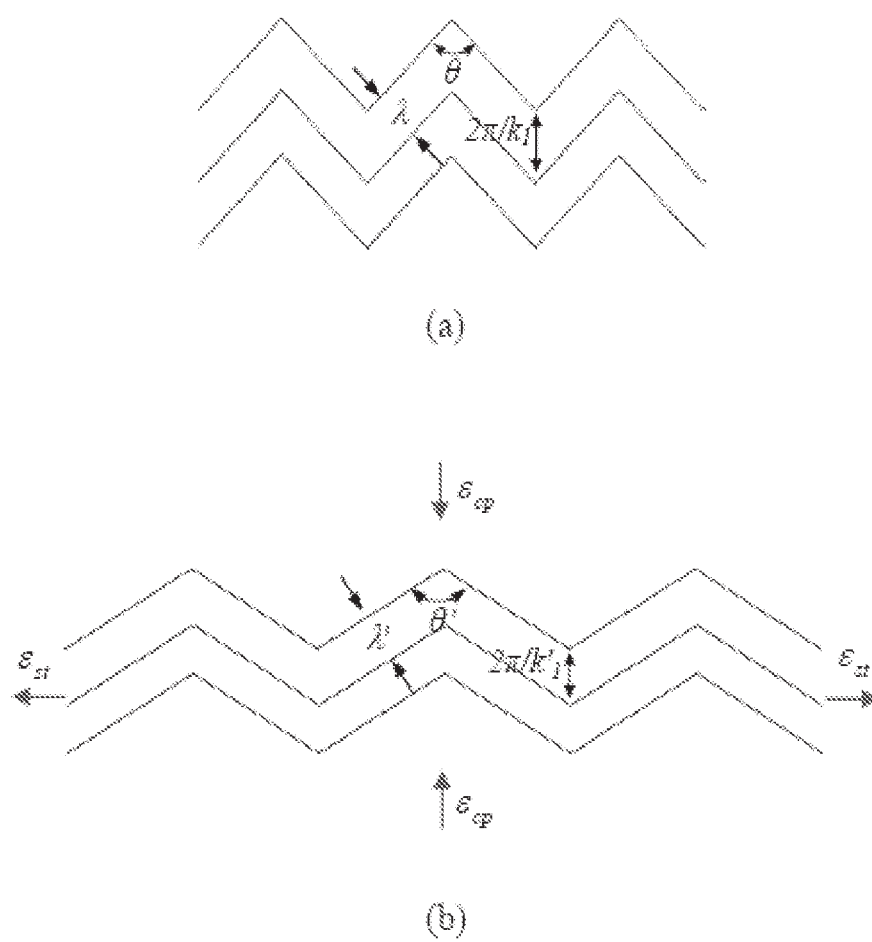


FIG. 52

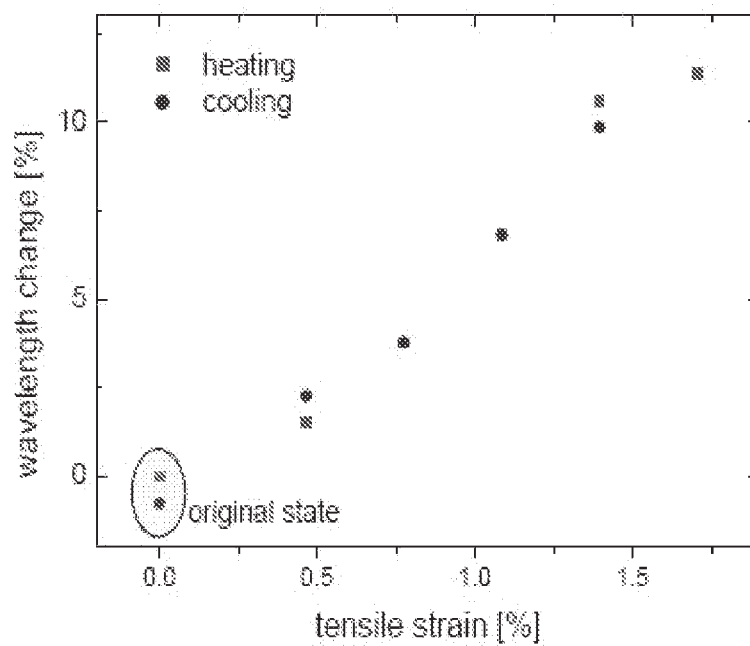
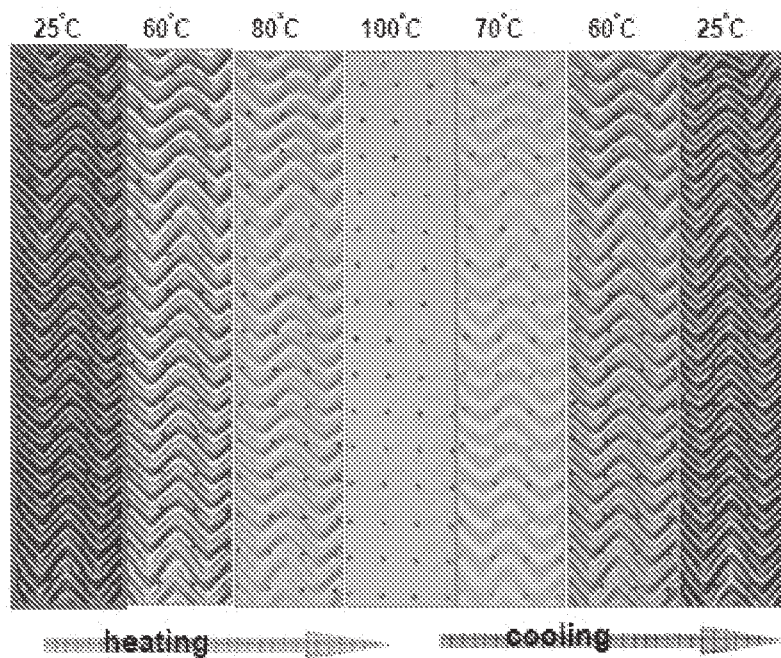


FIG. 53

1. Preparation of wavy features on a substrate (e.g. by micromachining processes) that is a master for molding wavy elastomer stamps.
2. Deposition of metal features on wavy master, e.g. by evaporation through a shadowmask, photolithography and etching, photolithography and lift-off, and/or electrodeposition
3. Cast elastomer substrate against wavy master with electrodes; cure; remove from wavy substrate master. The electrode is transferred to the elastomer upon removal.

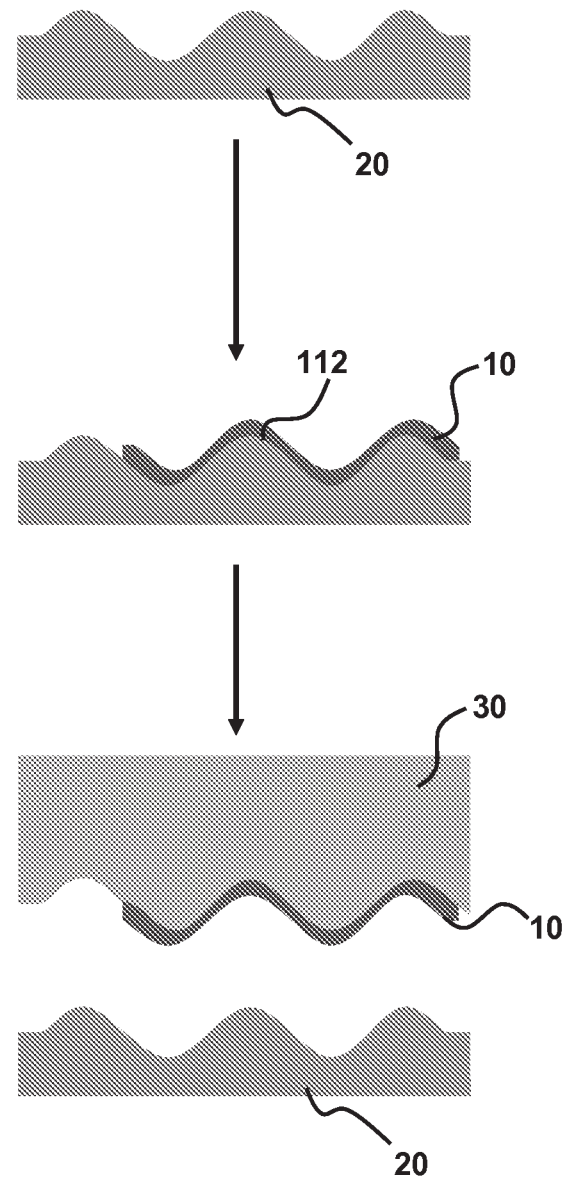


FIG. 54

57 / 71

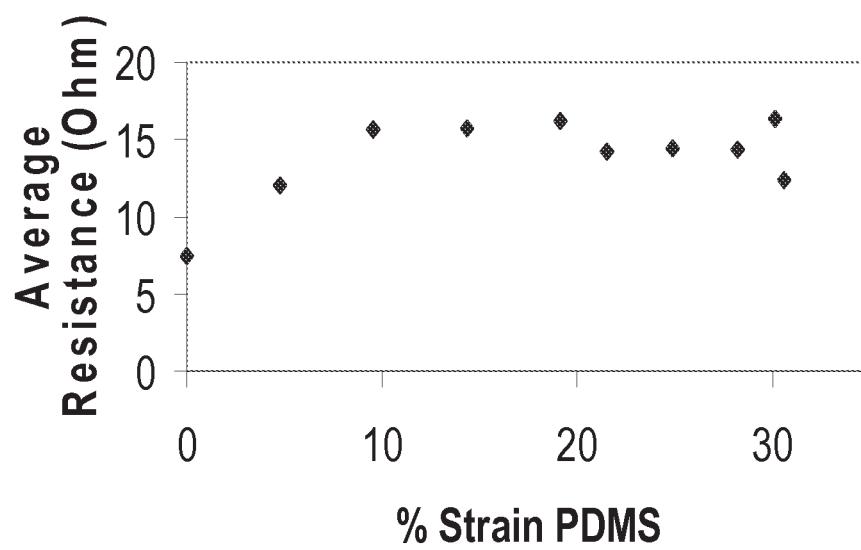
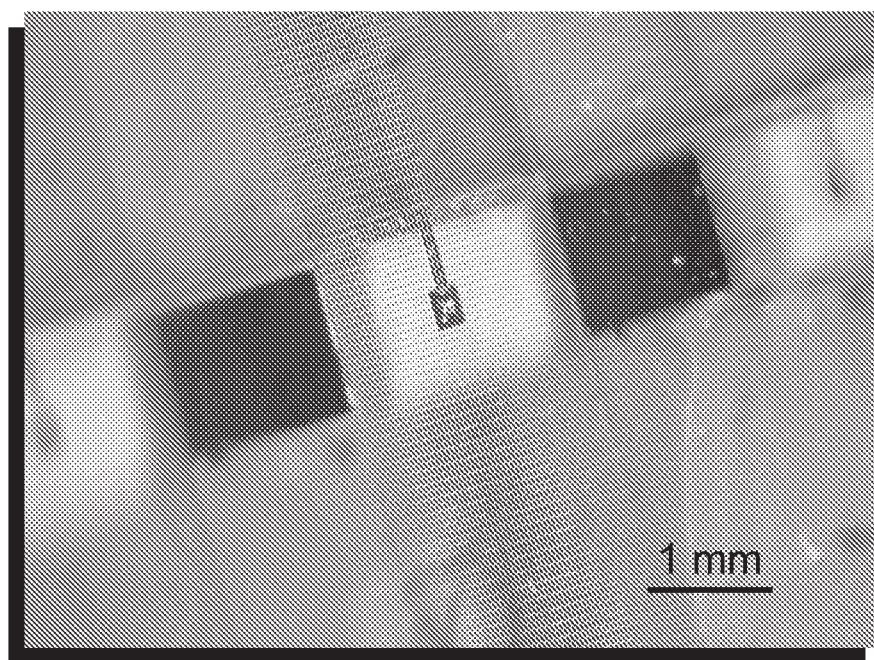


FIG. 55

Flexible, stretchable iLED strip-lights



FIG. 56A

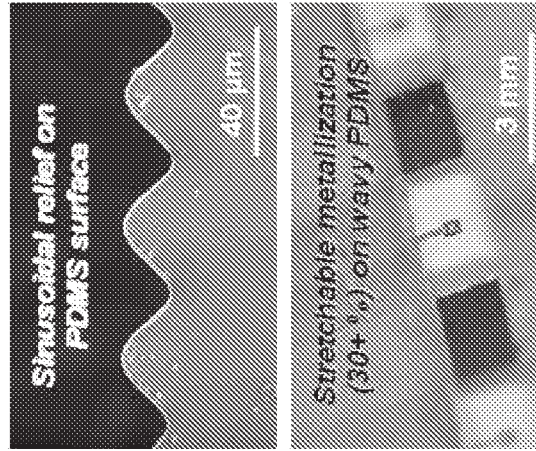


FIG. 56B

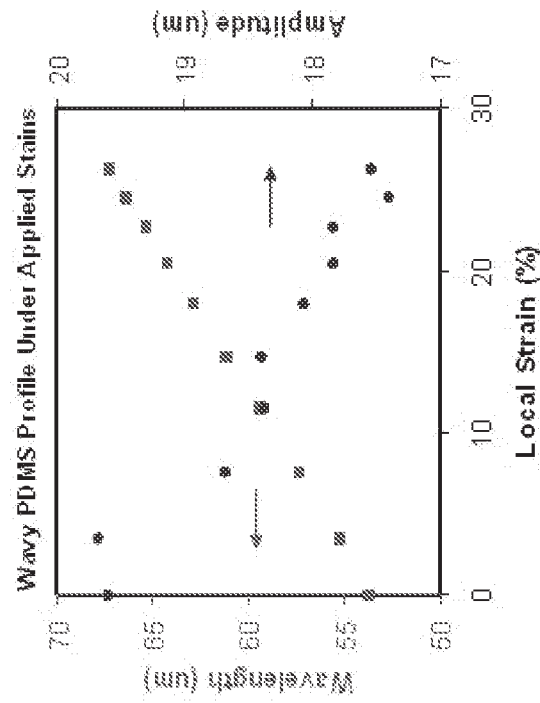


FIG. 56C

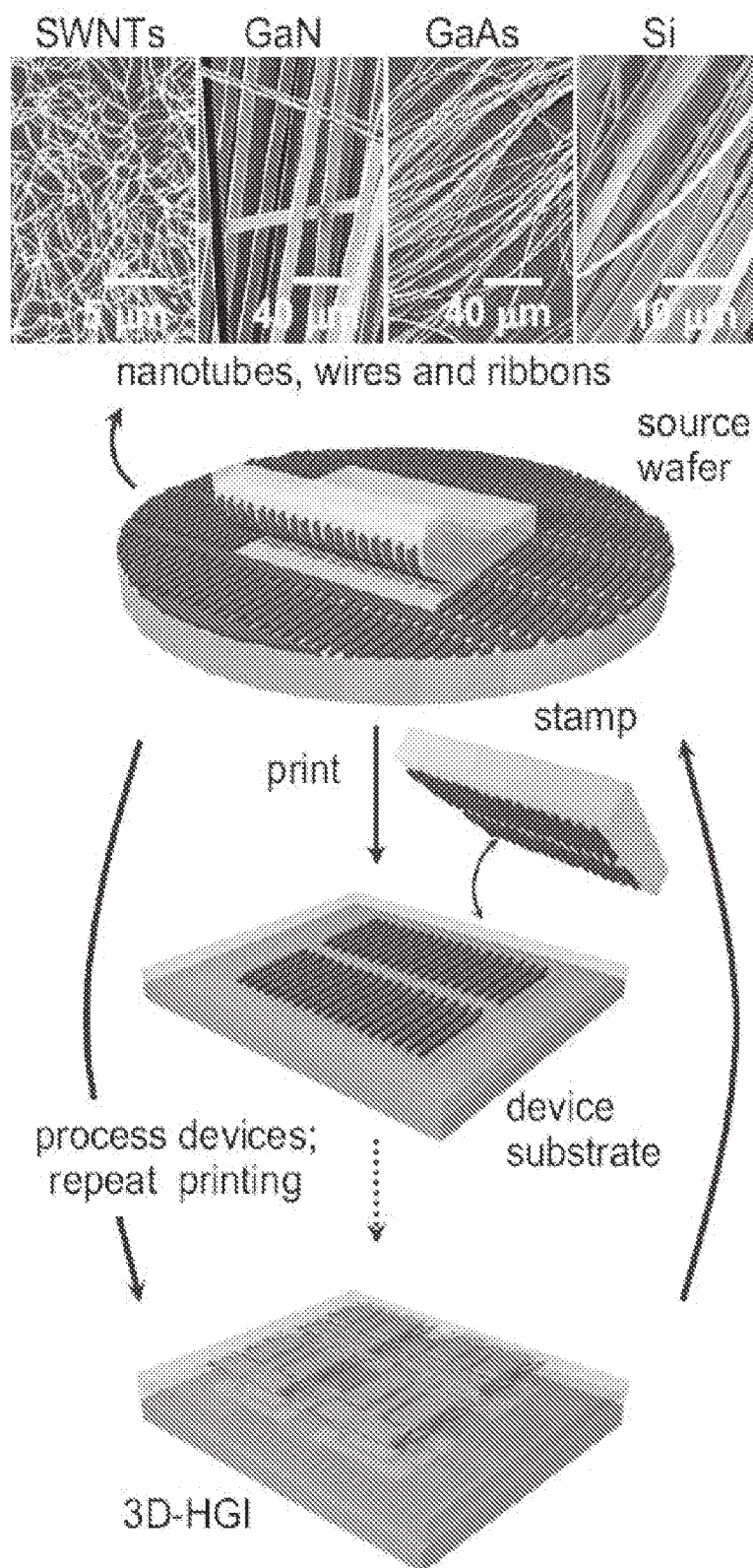


FIG. 57

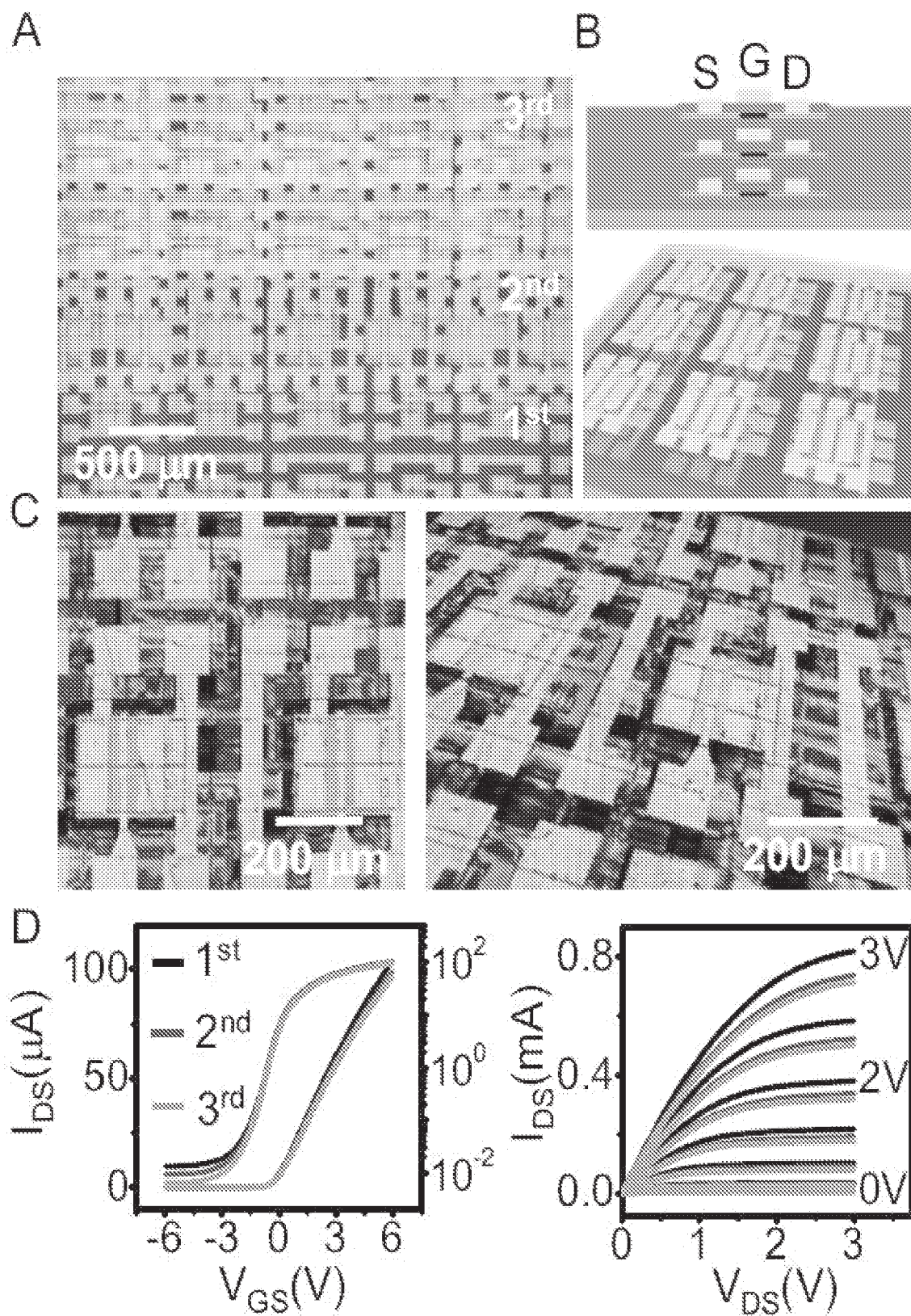


FIG. 58

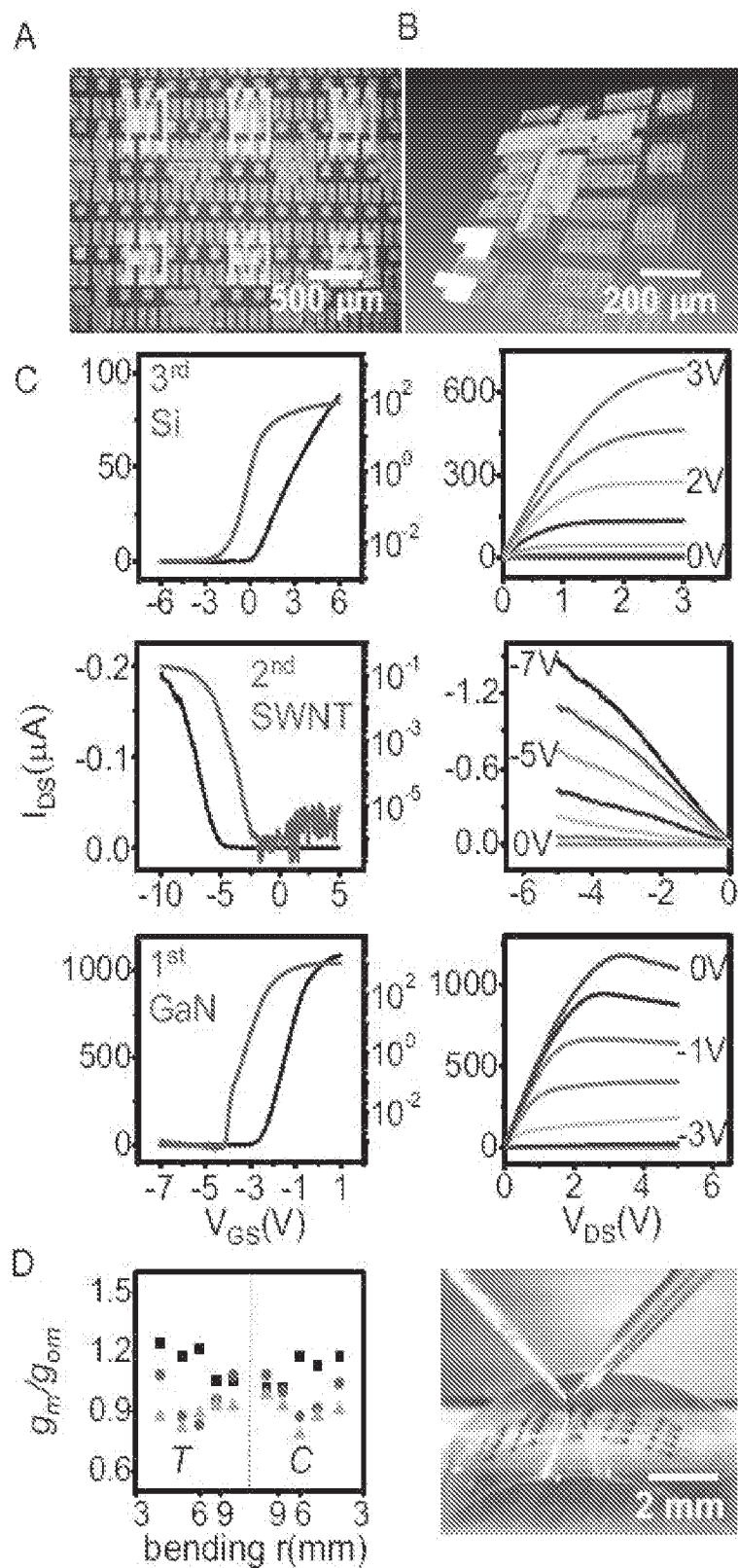


FIG. 59

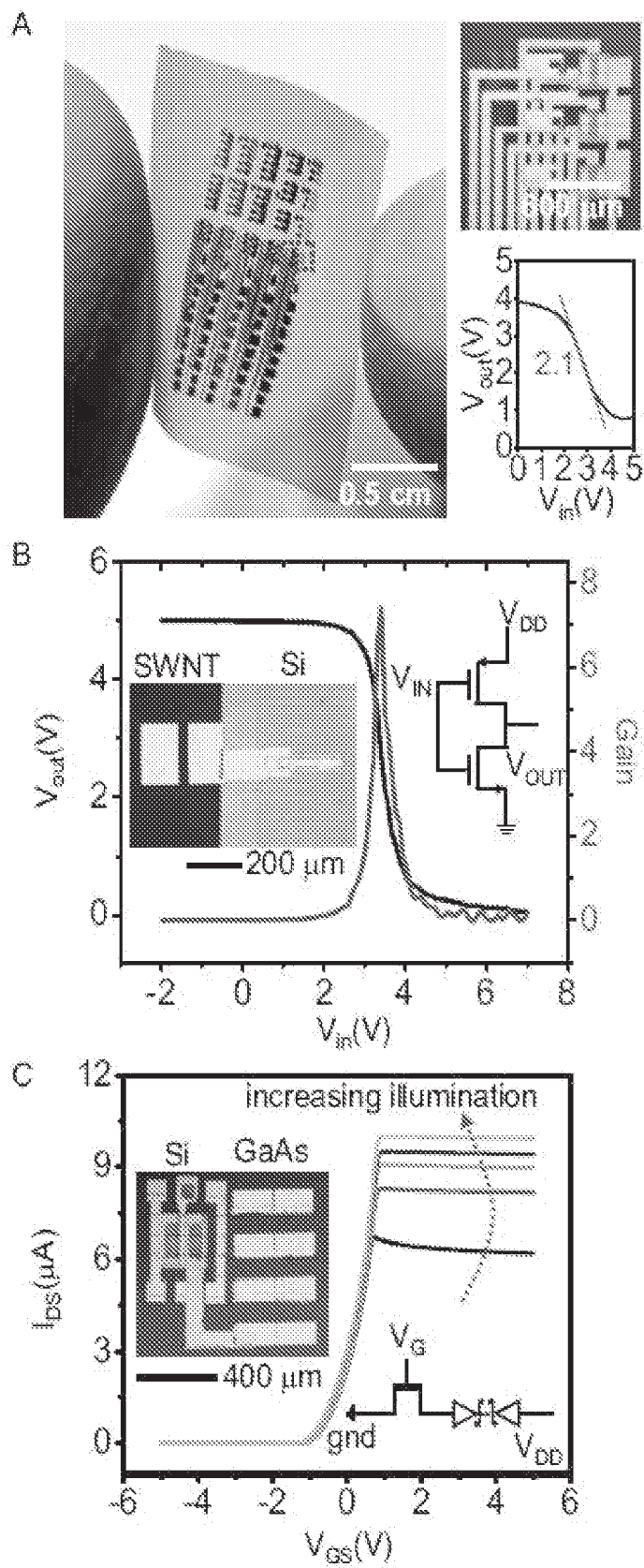


FIG. 60

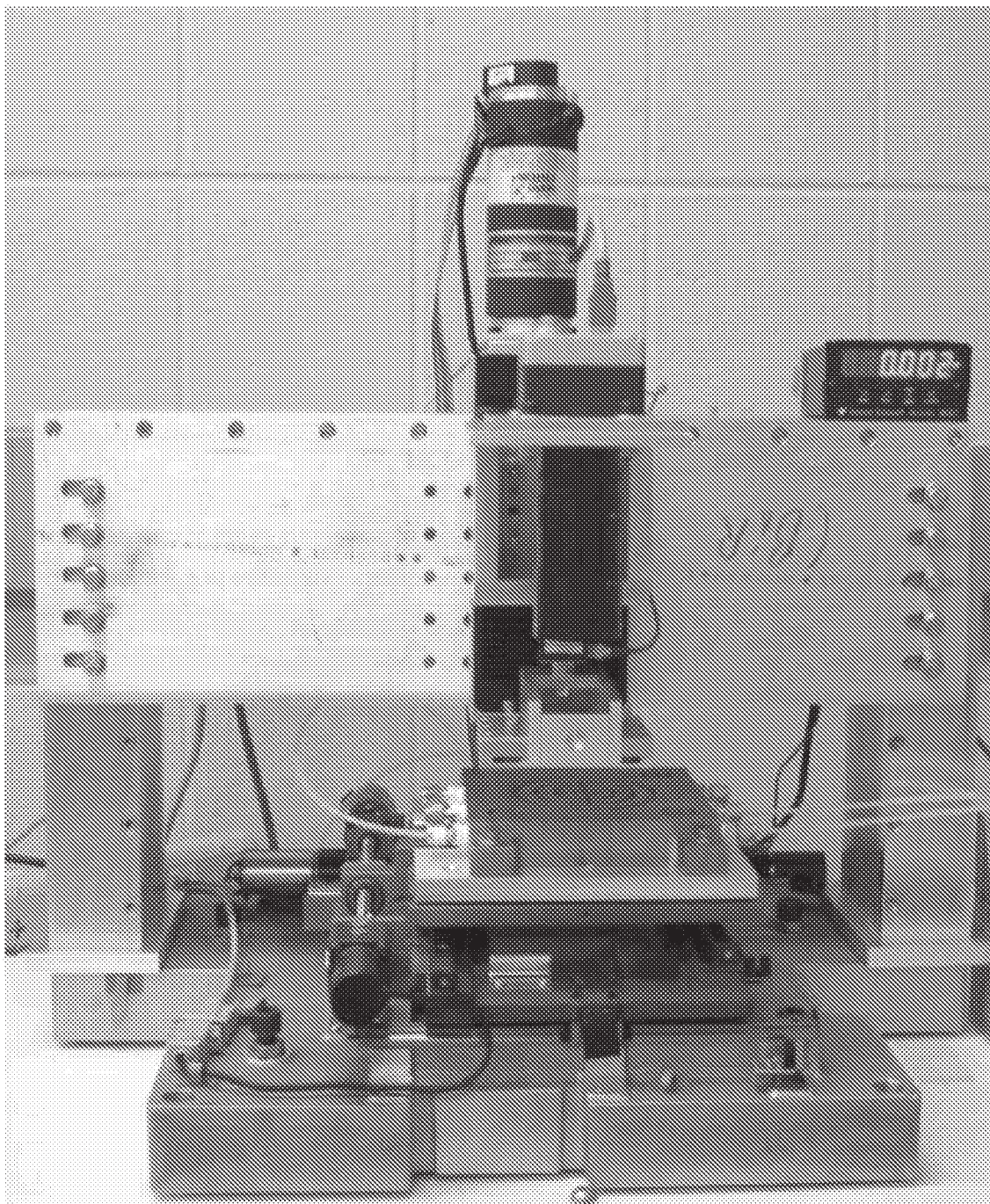
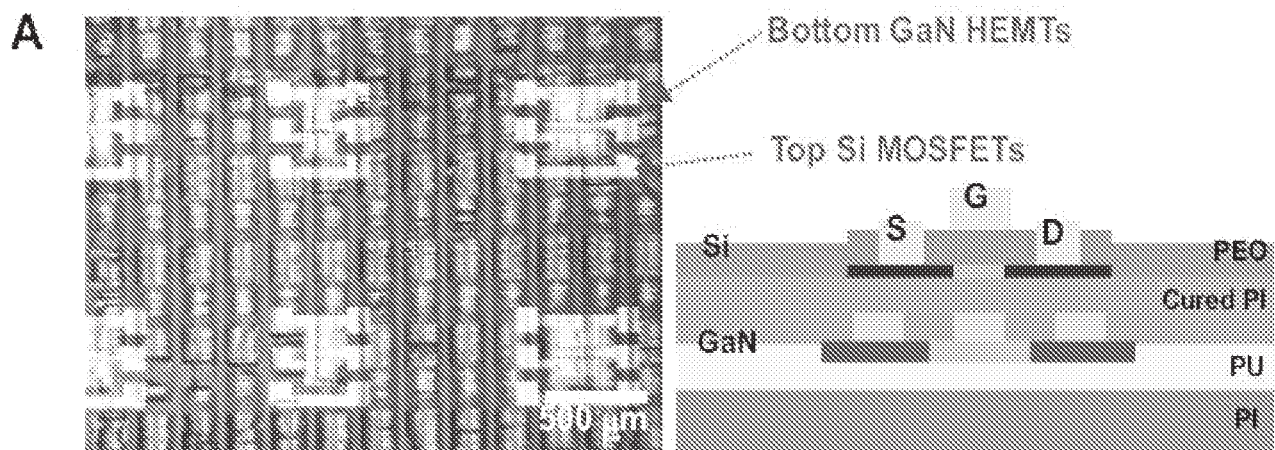


FIG. 61



B

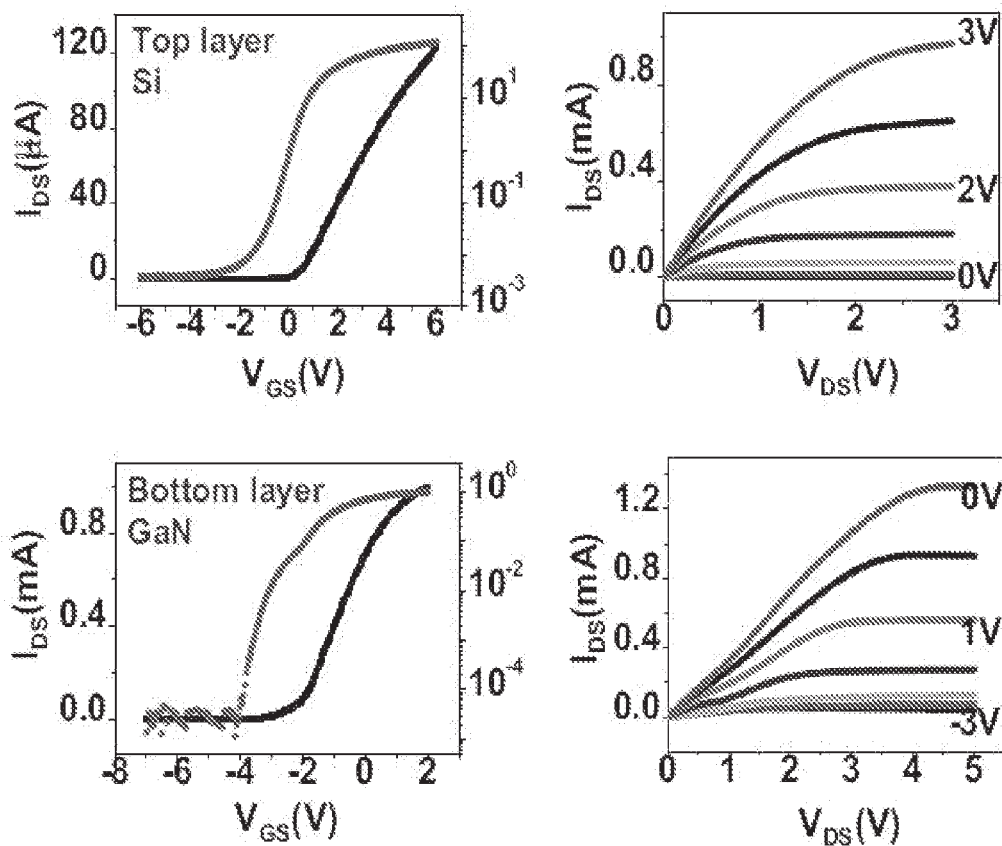


FIG. 62

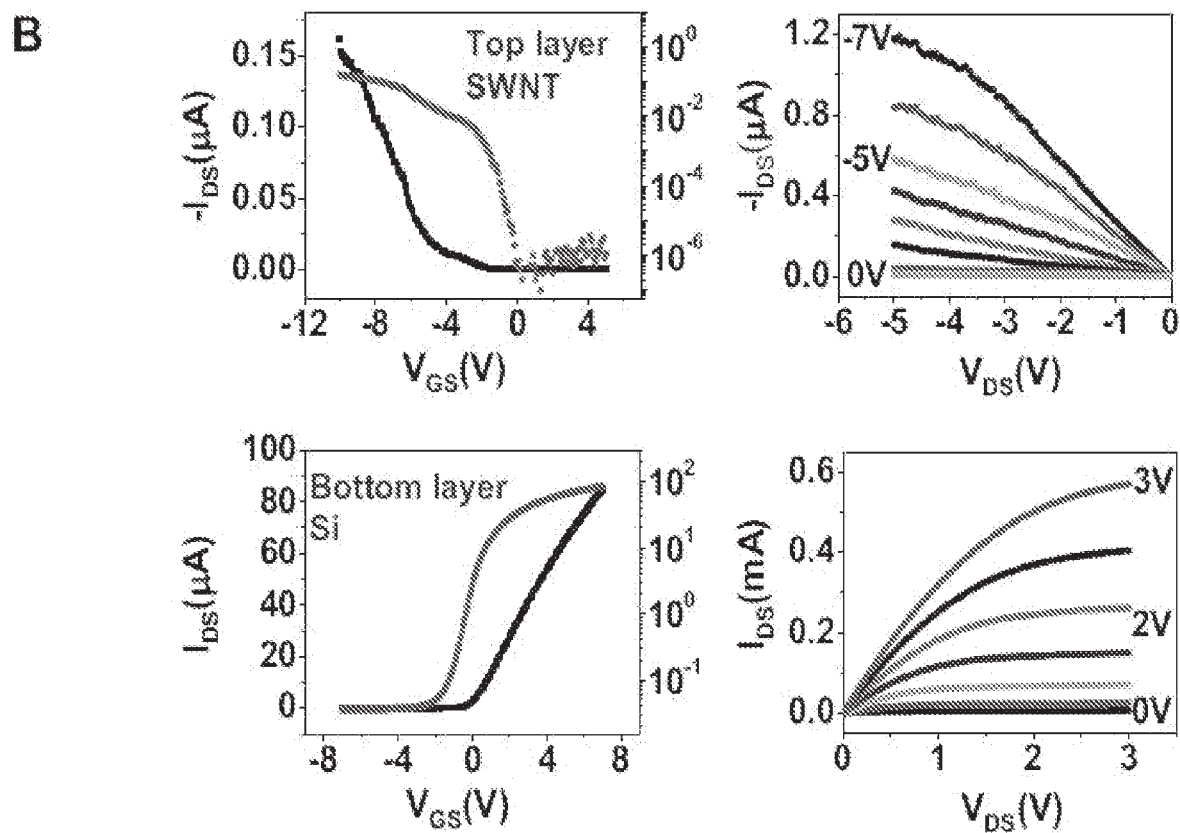
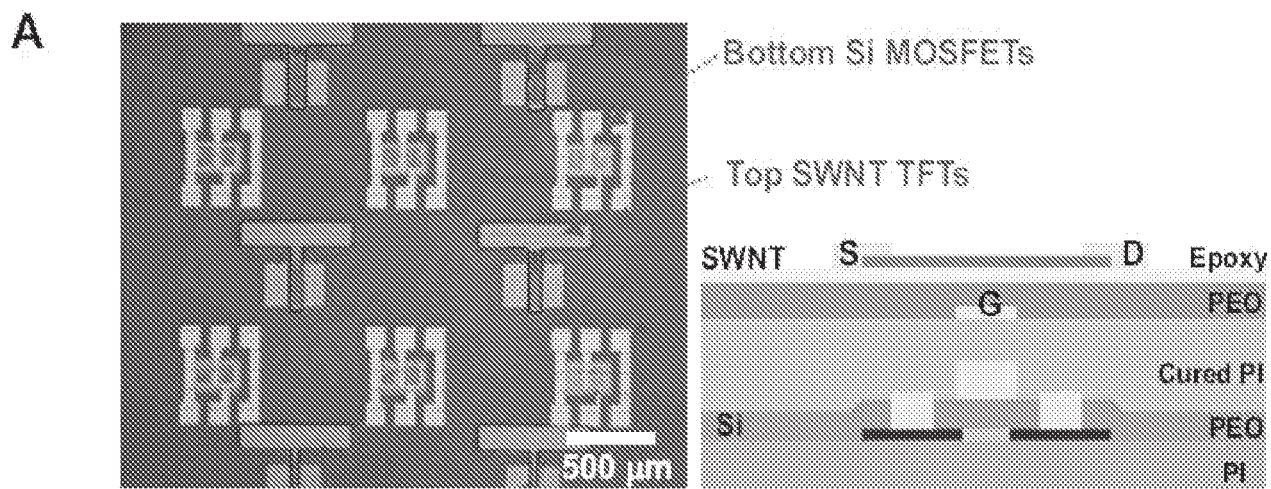


FIG. 63

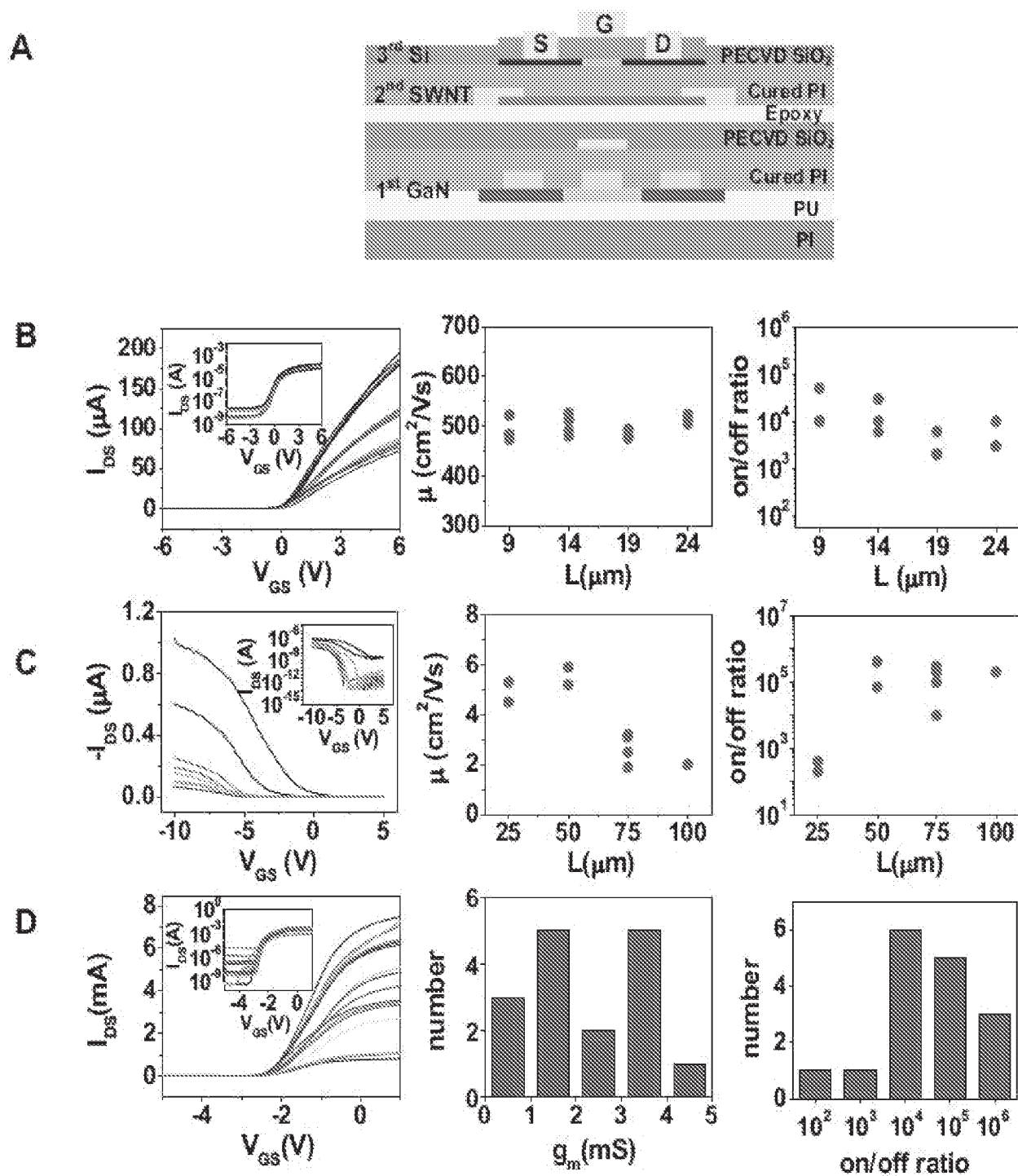


FIG. 64

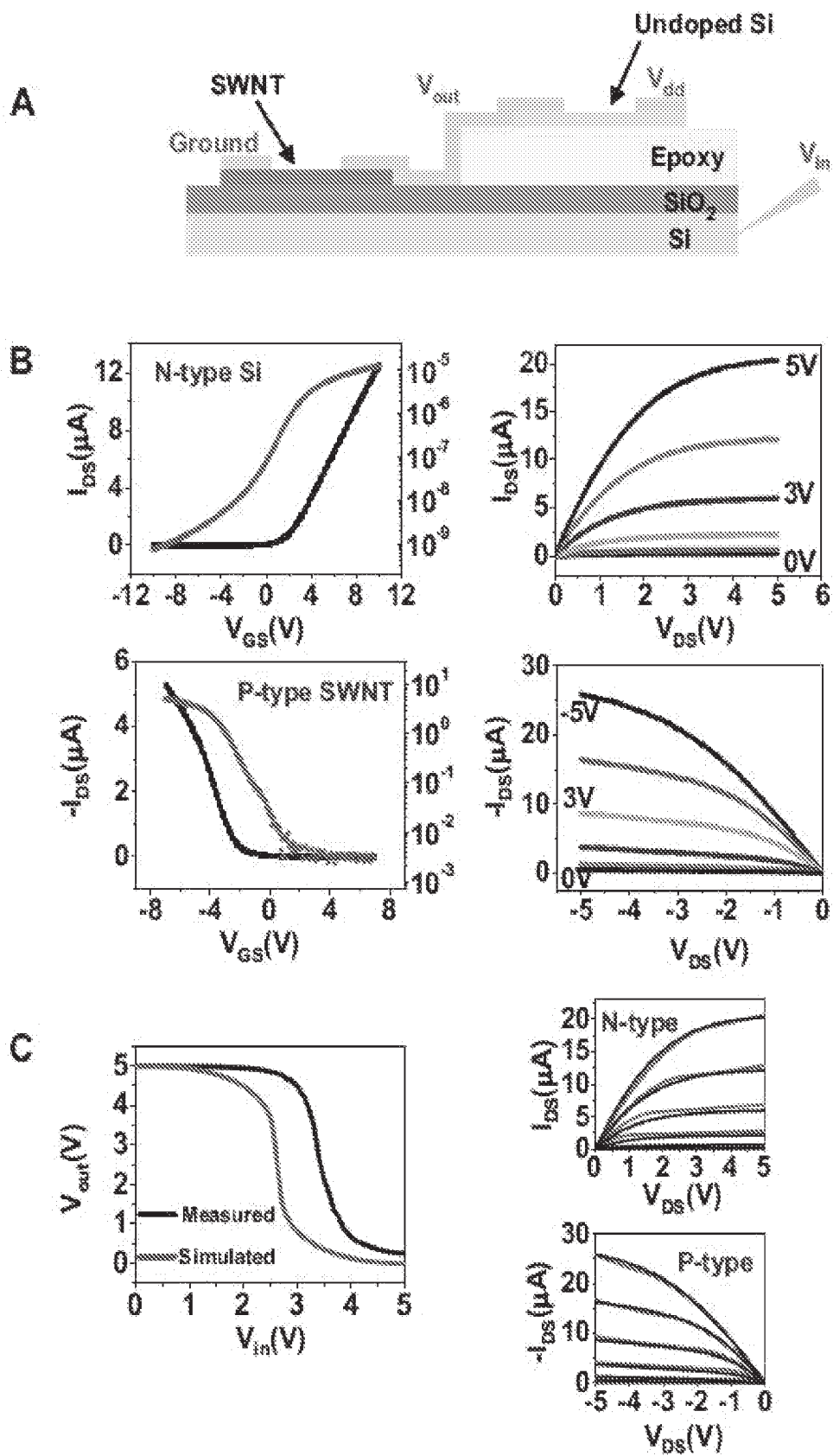


FIG. 65

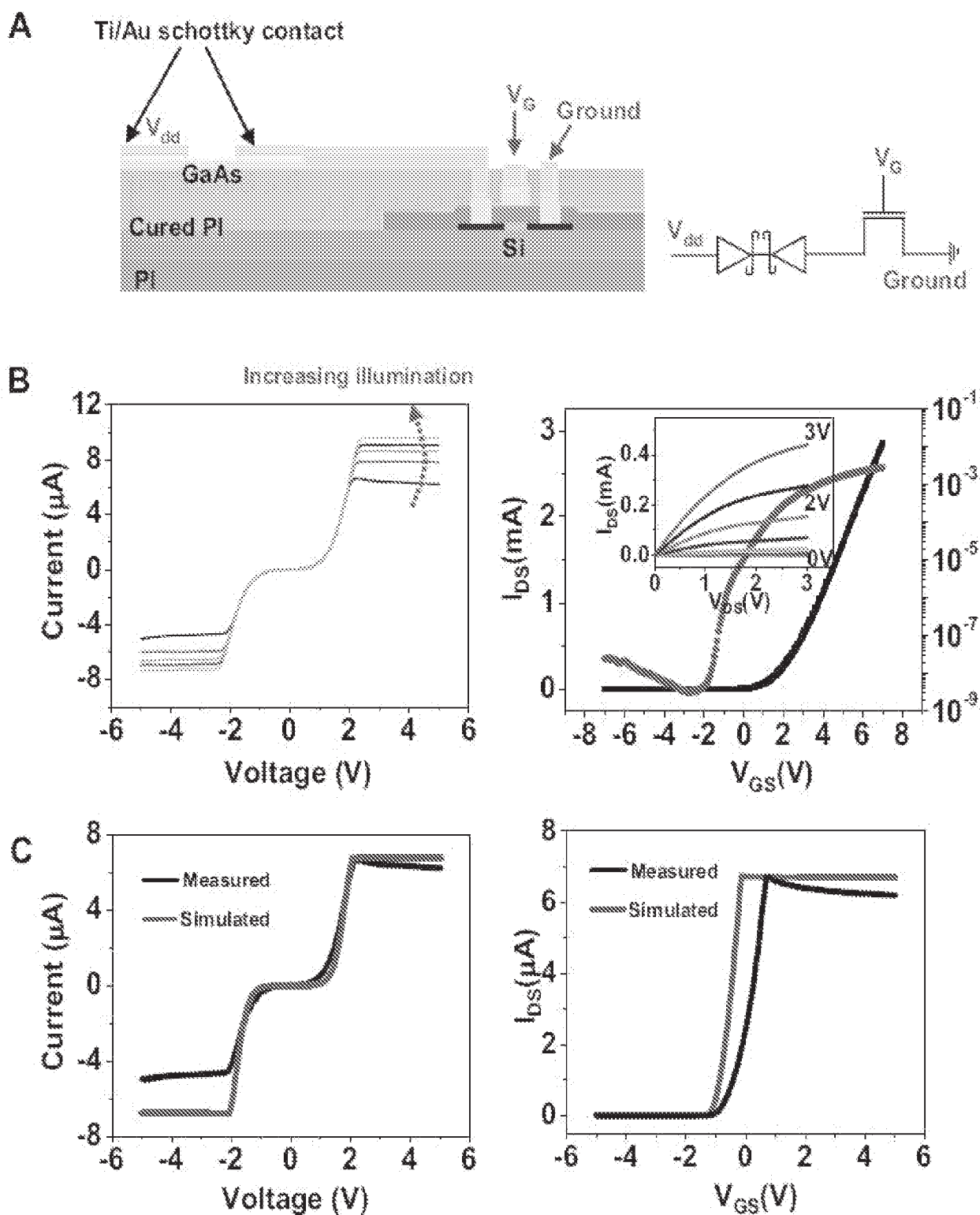


FIG. 66

FIG. 67A

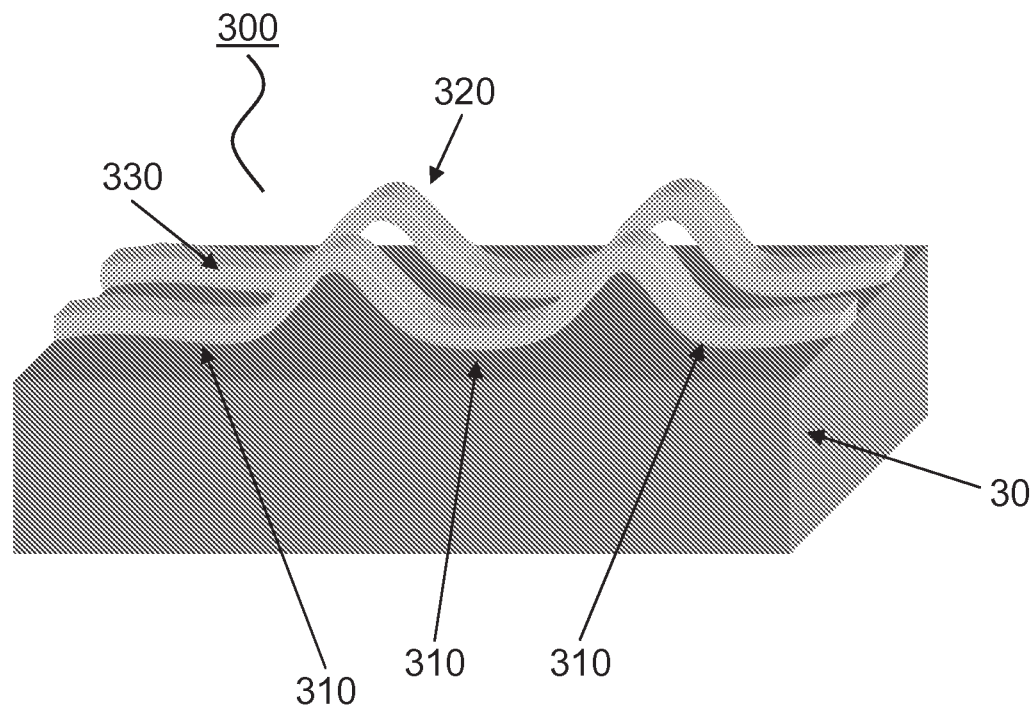
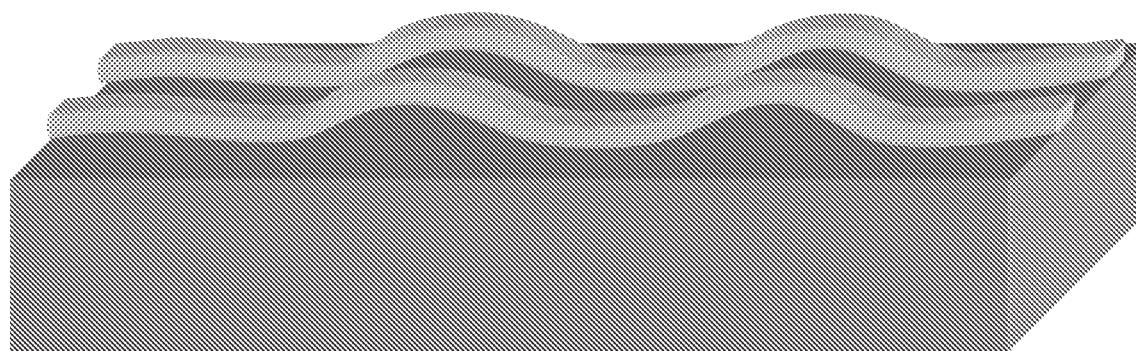


FIG. 67B



← elongated →

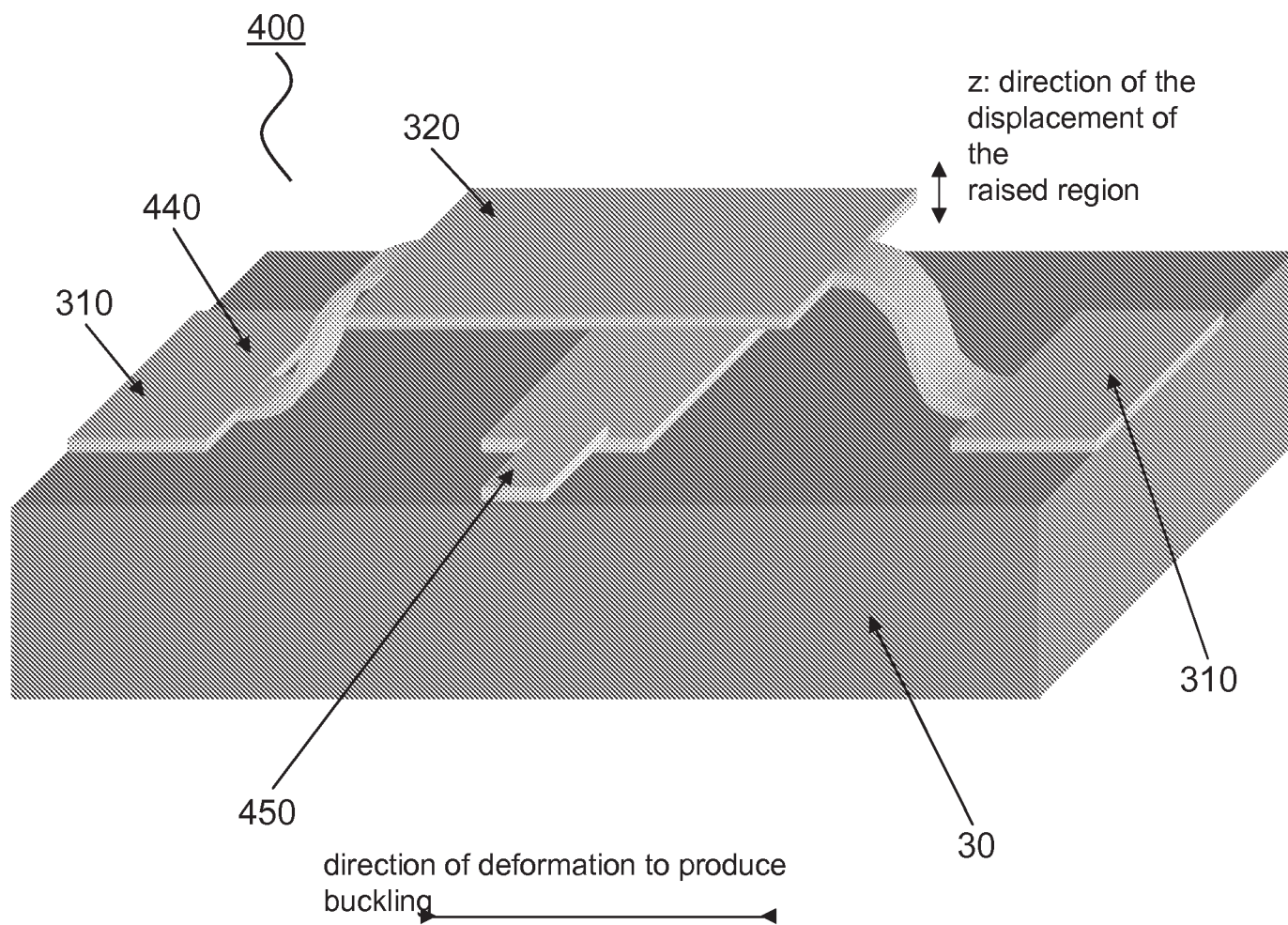


FIG. 68

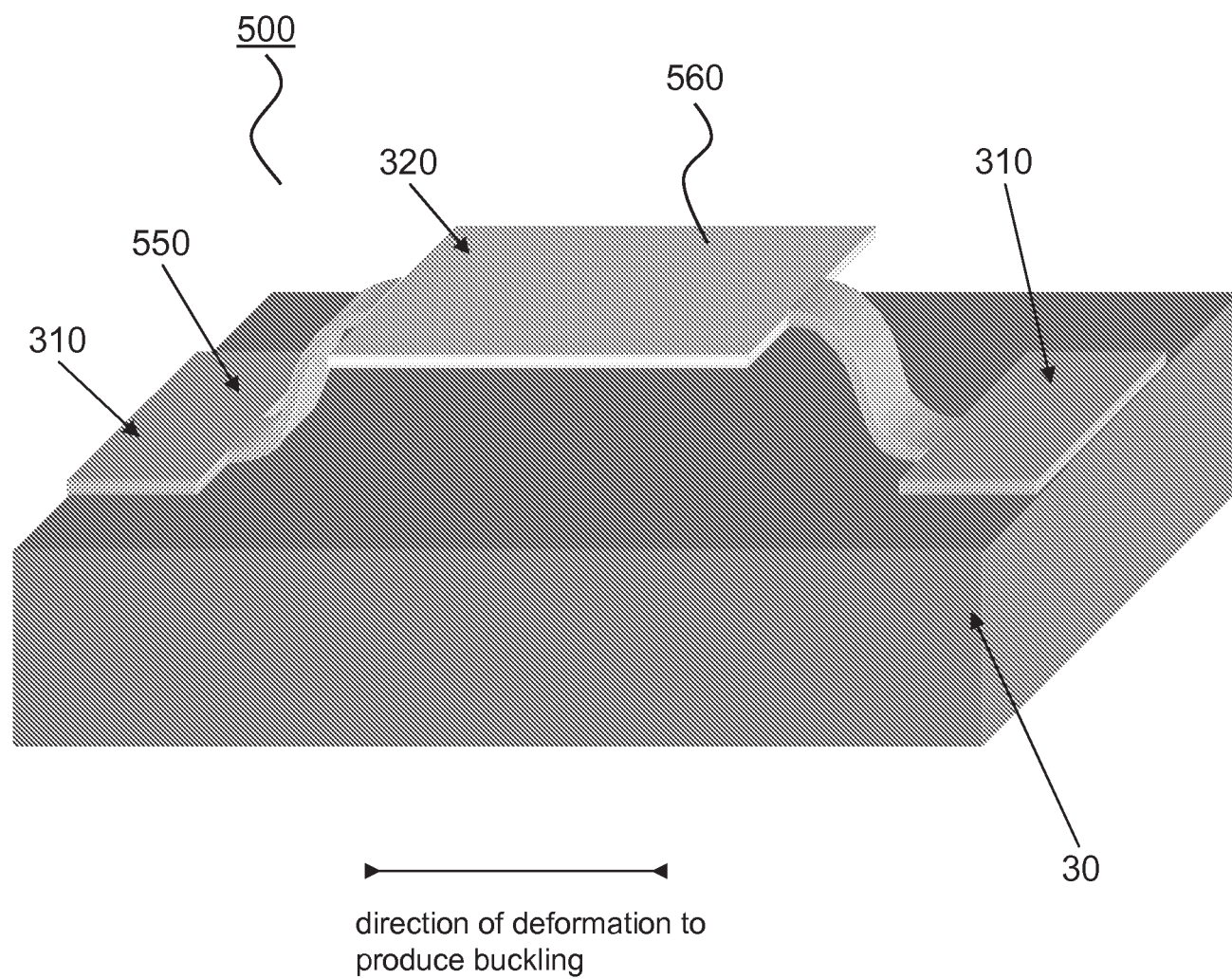


FIG. 69