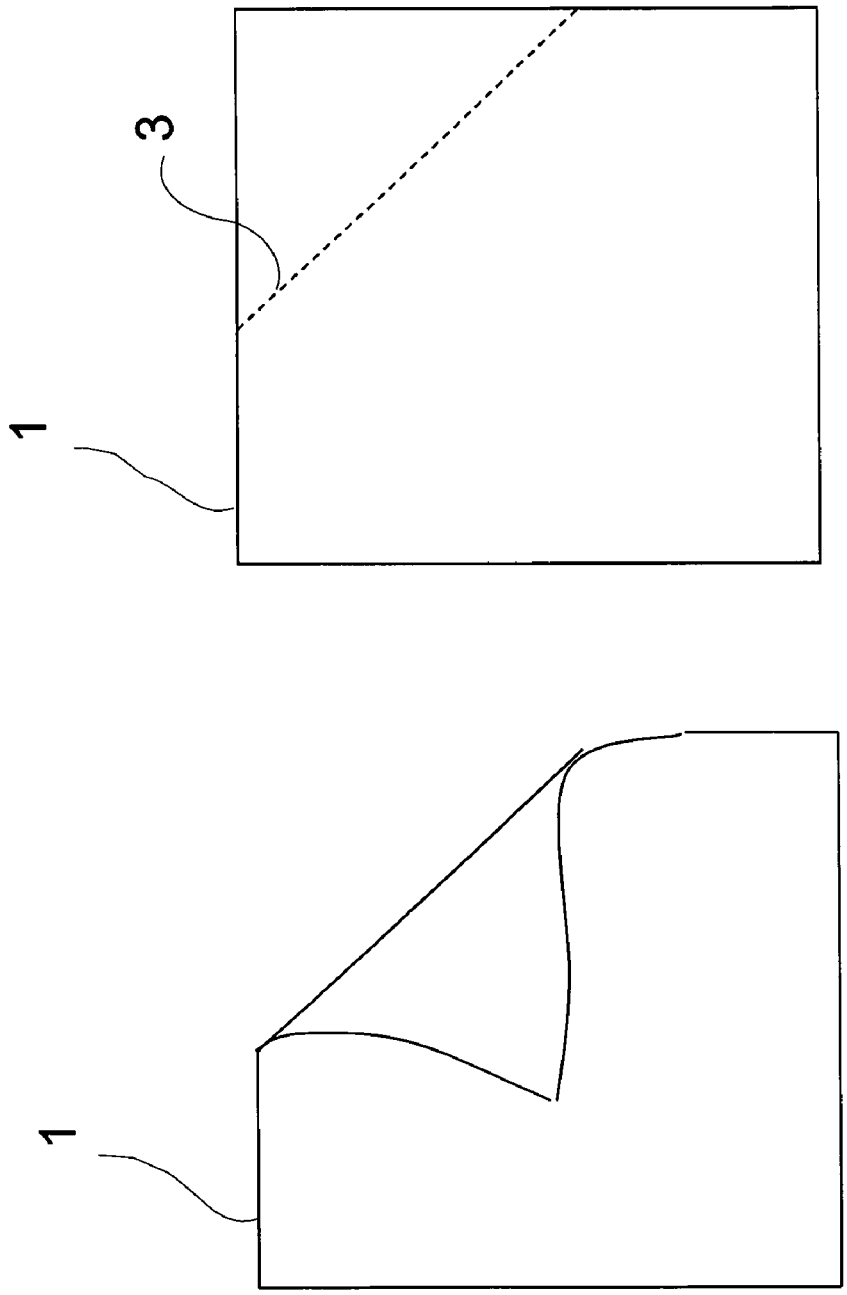FIG 1c