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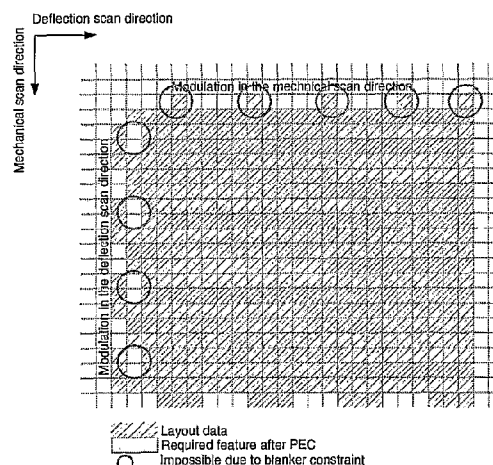
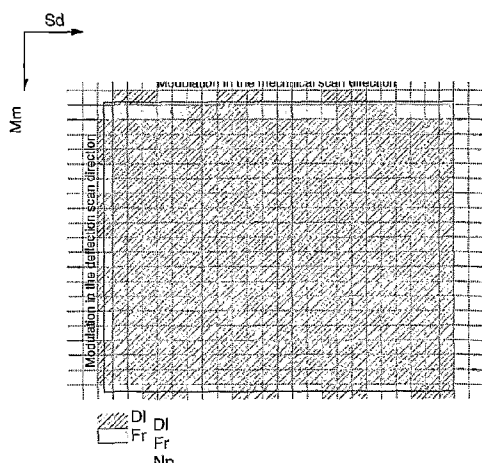
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

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(54) Title: LITHOGRAPHY SYSTEM AND PROJECTION METHOD



(57) Abstract: The present invention relates a probe forming lithography system for generating an pattern on to a target surface such as a wafer, using a black and white writing strategy, i.e. writing or not writing a grid cell, thereby dividing said pattern over a grid comprising grid cells, said pattern comprising features of a size larger than that of a grid cell, in each of which cells said probe is switched "on" or "off", wherein a probe on said target covers a significantly larger surface area than a grid cell, and wherein within a feature a position dependent distribution of black and white writings is effected within the range of the probe size as well as to a method upon which such system may be based.