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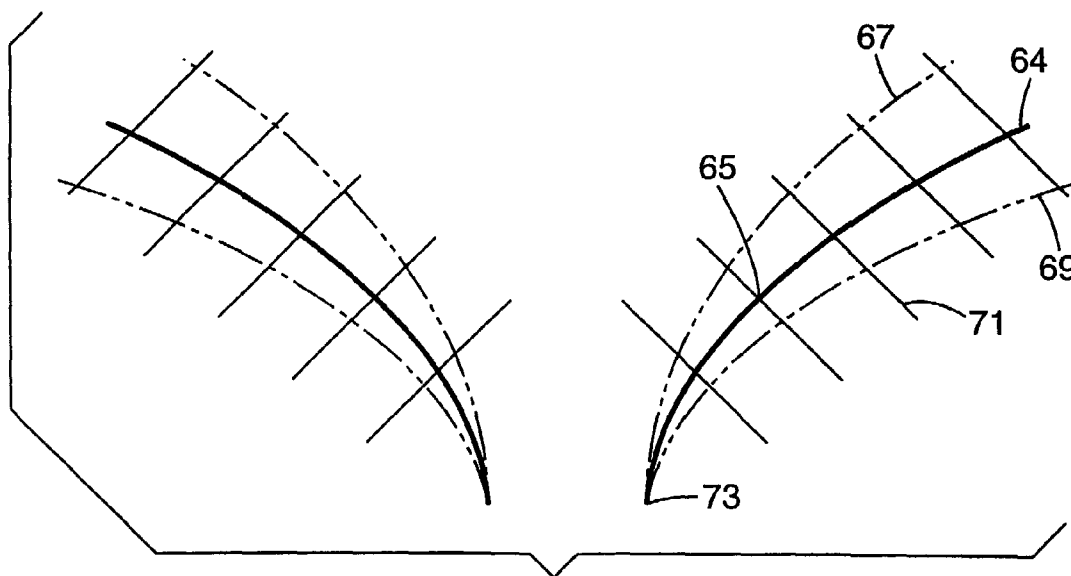
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Declarations under Rule 4.17:

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(54) Title: METHODS AND DEVICES FOR STRETCHING POLYMER FILMS



(57) Abstract: Stretched polymeric films can be used in a variety of applications, including optical applications. The stretching conditions and shape of the stretching tracks in a stretching apparatus can determine or influence film properties. Methods and stretching apparatuses can include adjustable or zone-defined stretching regions.

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