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(54) Title: HIGH POWER TUNGSTEN HALOGEN LAMP LIFETIME IMPROVEMENT THROUGH J-HOOK DESIGN

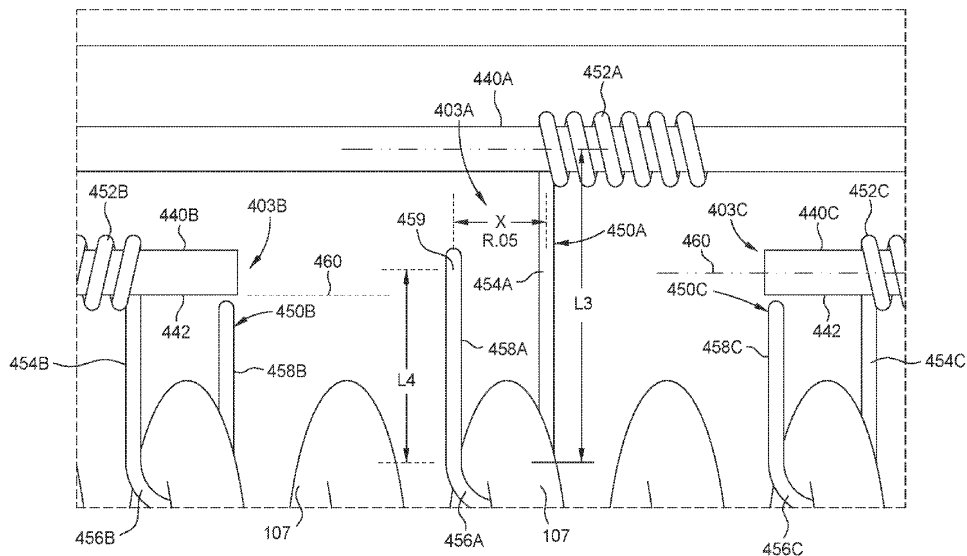


FIG. 5

(57) Abstract: A lamp and epitaxial processing apparatus are described herein. In one example, the lamp includes a bulb, a filament, and a plurality of filament supports disposed in spaced-apart relation to the filament, each of the filament supports having a hook support and a hook. The hook includes a connector configured to fasten the hook to the hook support, a first vertical portion extending from the connector toward the filament, and a rounded portion extending from an end of the first vertical portion distal from the connector and configured to wrap around the filament. A second vertical portion extends from an end of the rounded portion distal from the first vertical portion and the second vertical portion has a length between 60% and 100% of the length of the first vertical portion.

[Continued on next page]

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