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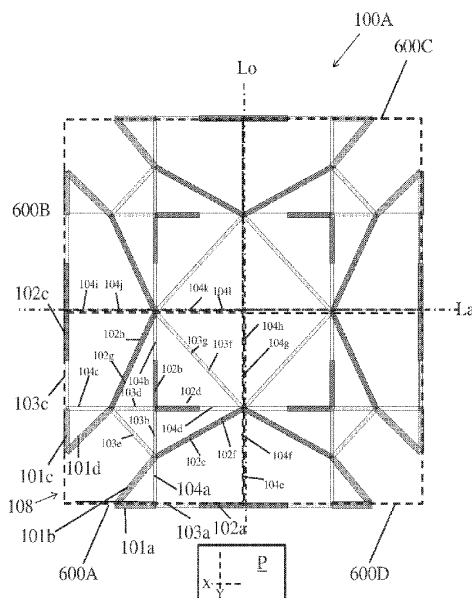


Figure 5

(57) Abstract: A truss system may include a plurality of beams. Each beam of the plurality of beams may have various cross-sectional sizes in a same plane. Additionally, the plurality of beams may have a geometric arrangement such that a structural weight at required strength level may be reduced to achieve optimal design.

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