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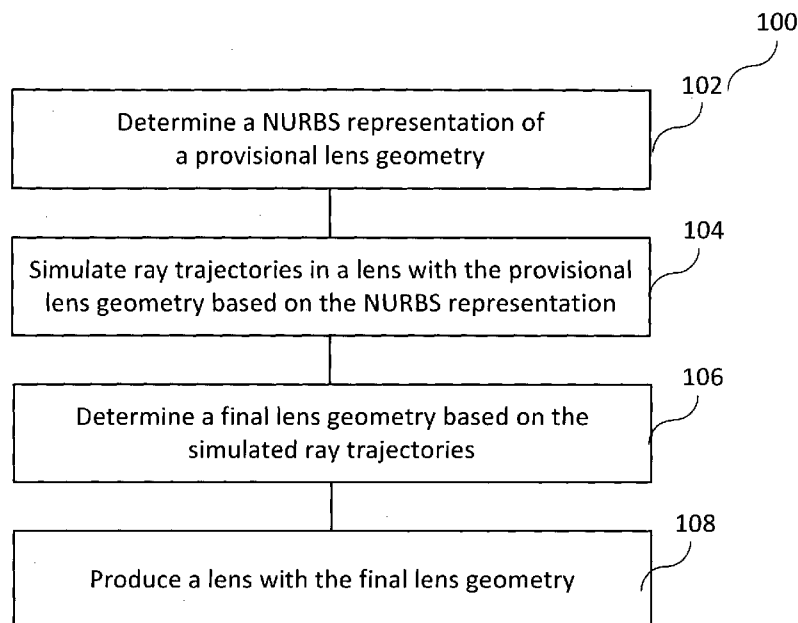
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(54) Title: METHODS FOR MANUFACTURING A LENS, LENS MANUFACTURING SYSTEMS, AND LENSES



(57) Abstract: According to various embodiments, a method for manufacturing a lens may be provided. The method may include: determining a NURBS (non-uniform rational basis spline) representation of a provisional lens geometry; simulating ray trajectories in a lens with the provisional lens geometry based on the NURBS representation; determining a final lens geometry based on the simulated ray trajectories; and producing a lens with the final lens geometry.