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## (54) Title: SCANNED, PULSED ELECTRON-BEAM POLYMERIZATION

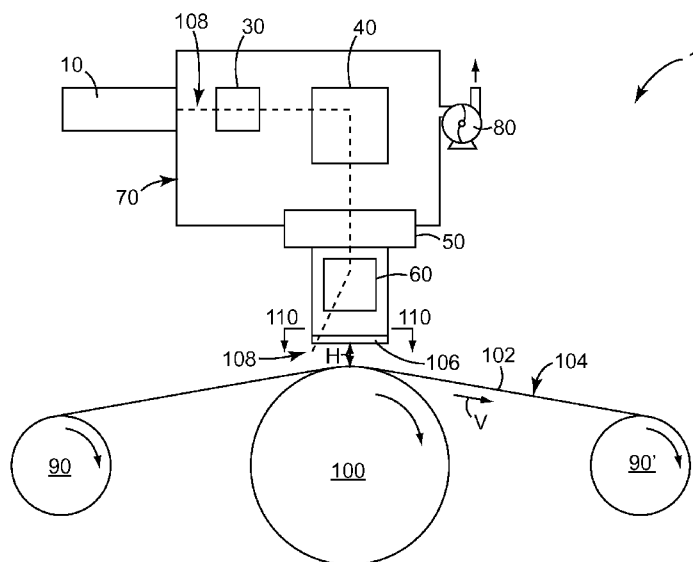


FIG. 1A

(57) **Abstract:** A method including: a. coating at least a portion of at least one major surface of a substrate with a polymerizable composition to obtain a coated surface; b. initiating polymerization of the polymerizable composition by scanning a first electron-beam focused on the coated surface across at least a portion of the coated surface, thereby irradiating the coated surface at a frequency selected to achieve an exposure duration of greater than 0 and no greater than 10 microseconds, and a dark time between each exposure duration of at least one millisecond, thereby producing an at least partially polymerized composition. A pressure sensitive adhesive article and a cross-linked silicone release liner made according to the method are also disclosed.



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