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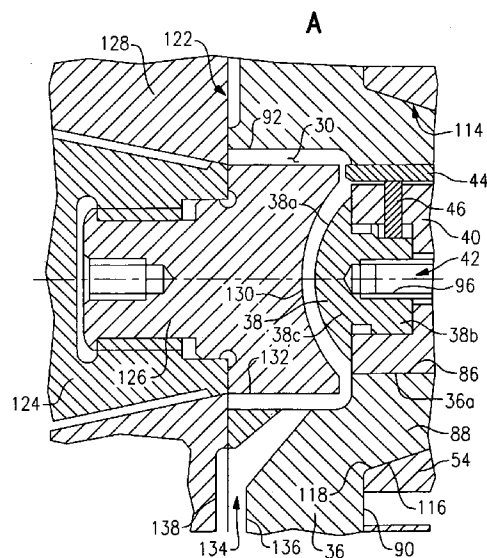
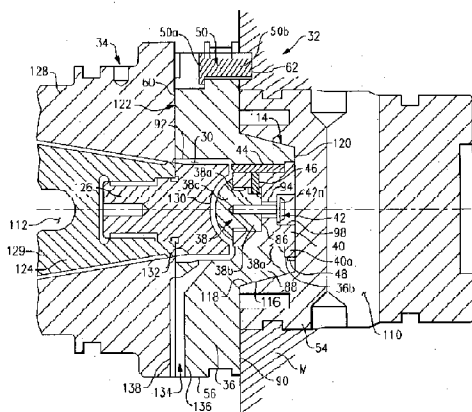
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(54) Title: OPTICAL TOOL ASSEMBLY



(57) Abstract: An apparatus and method is provided for injection molding an ophthalmic lens mold having an optical surface and a non-optical surface opposite the optical surface. The apparatus includes a non-optical tool assembly for forming the non-optical surface of the ophthalmic lens mold and an optical tool assembly in opposed relation to the non-optical tool assembly that together therewith forms a mold cavity for forming the ophthalmic lens mold. The assembly includes a cavity ring removably secured to a mold plate of an injection molding apparatus and an optical tool insert having an optical molding surface thereon for forming the optical surface of the ophthalmic lens mold. The optical tool insert is removably secured to the cavity ring.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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