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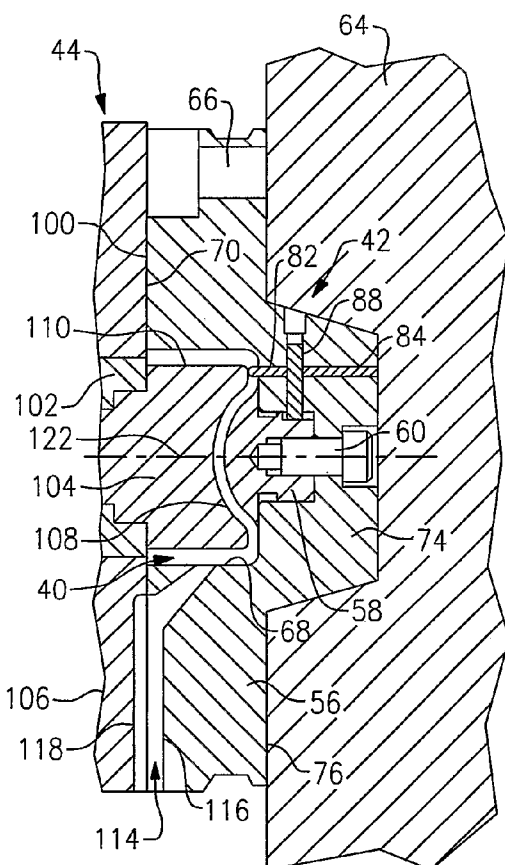
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(54) Title: OPTICAL TOOL ASSEMBLY FOR IMPROVED RCW AND LENS EDGE FORMATION



(57) Abstract: An optical tool assembly for use in an injection
molding apparatus opposite a non-optical tool assembly to form
an ophthalmic mold section including a cavity ring mounted to an
associated mold plate and an optical insert removably secured to
the cavity ring and having an optical molding surface thereon for
forming an optical surface of the ophthalmic mold section. The
optical molding surface has a right cylindrical wall (RCW) molding
portion for forming a RCW of the ophthalmic mold section. The
RCW molding portion is formed adjacent a peripheral edge of the
optical insert.

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