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(74) Agent: **UXA, Frank, J.**; Stout, Uxa, Buyan & Mullins, 4
Venture, Suite 300, Irvine, California 92618 (US).

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(71) Applicant (for all designated States except US): **COOP-
ERVISION INC.** [US/US]; 370 Woodcliff Dr., Suite 200,
Fairport, NY 14450 (US).

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(72) Inventors; and

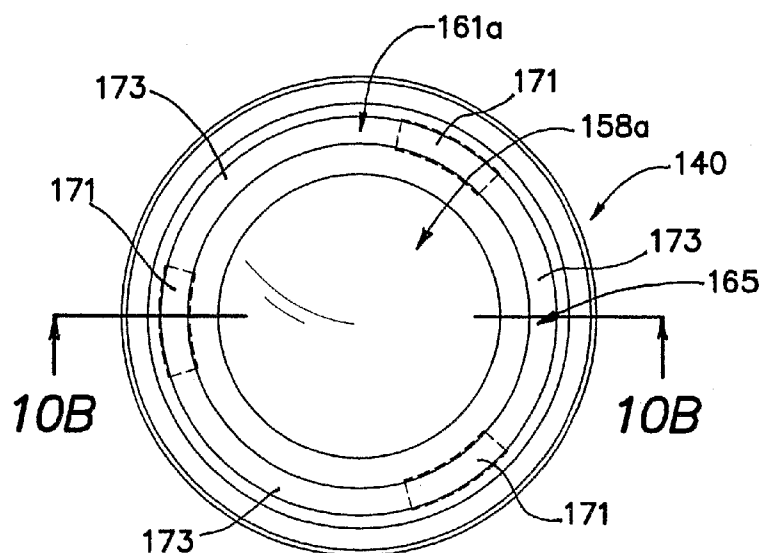
(75) Inventors/Applicants (for US only): **DARNTON, Sarah,
E.** [GB/GB]; 5 Health House Gardens, Hedge End,
Southampton Hampshire SO30 0LF (GB). **GOODE-
NOUGH, Neil, G.** [GB/GB]; 2 Watkin Road, Southamp-
ton Hampshire SO30 2TD (GB). **ROGERS, Richard, C.**
[GB/GB]; 9 Sycamore Avenue, Chandler's Ford Hamp-
shire SO53 5RJ (GB).

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(54) Title: CONTACT LENS MOLD ASSEMBLIES AND SYSTEMS AND METHODS OF PRODUCING SAME



(57) Abstract: Methods and apparatus are provided for making an ophthalmic lens. Apparatus are provided for filling contact lens shaped cavities of contact lens molding assemblies. Methods of coupling and fusing contact lens mold sections are also provided and generally include providing first and second mold sections which when coupled together are effective to form a lens-shaped cavity and contact regions between the mold sections. One or both of the mold sections may include one or more recessed regions or projections which provide areas of non-fusion and areas of fusion, respectively, when the mold sections have been filled with a contact lens precursor material and are fused together, for example, by means of focused ultrasound energy.

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