

[54] **METHOD OF FABRICATING A FLEXIBLE COVER BY ULTRASONIC VIBRATIONS**

[75] Inventor: **Clark A. Denslow**, Wilton, Conn.

[73] Assignee: **Branson Ultrasonics Corporation**, Newtown, Conn.

[21] Appl. No.: **381,066**

[22] Filed: **May 24, 1982**

[51] Int. Cl.³ **B29C 27/08**

[52] U.S. Cl. **156/73.2; 156/296; 156/308.2; 156/580.1; 264/23**

[58] Field of Search **156/73.1, 73.2, 296, 156/304.2, 304.6, 308.2, 580.1, 580.2; 264/23**

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,440,118 4/1969 Obeda 156/73.2

3,586,555 6/1971 Sager 156/73.1
3,756,900 9/1973 Michel 156/580.2
3,802,987 4/1974 Noll 156/296

Primary Examiner—Michael G. Wityshyn
Attorney, Agent, or Firm—Ervin B. Steinberg; Philip J. Feig

[57] **ABSTRACT**

A flexible cover, blind or shade is fabricated from thermoplastic rod or tubular members which are spaced from another on a support. The free-standing side is engaged by an ultrasonic resonator to bond the members to one another. The pressure exerted during bonding is of such magnitude as to compress and flatten the members to cause a thin web joining juxtaposed members, the web forming a flexible joint.

6 Claims, 5 Drawing Figures

