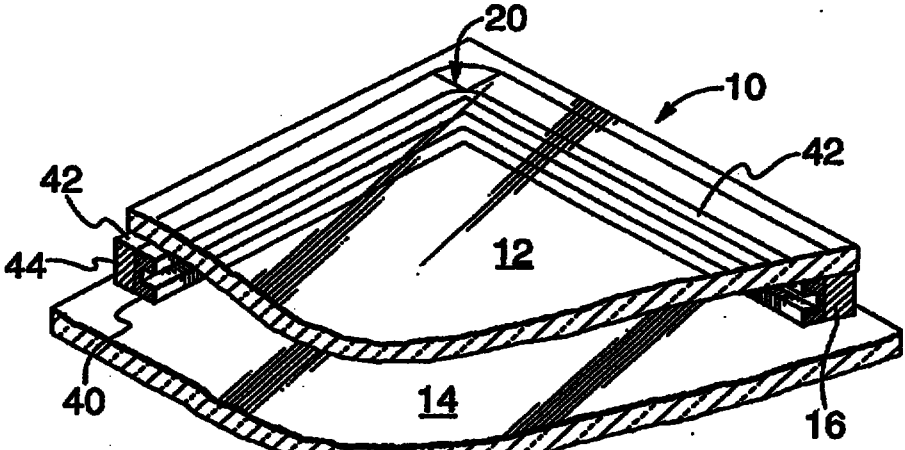


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| <p>(51) International Patent Classification <sup>6</sup> :<br/>E06B 3/673, 3/667</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>A1</p> | <p>(11) International Publication Number: WO 98/50664<br/>(43) International Publication Date: 12 November 1998 (12.11.98)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>(21) International Application Number: PCT/CA98/00442<br/>(22) International Filing Date: 1 May 1998 (01.05.98)<br/>(30) Priority Data: 60/045,328 2 May 1997 (02.05.97) US<br/>(71)(72) Applicant and Inventor: LAFOND, Luc [CA/CA]; 23 Woodvalley Drive, Etobicoke, Ontario M9A 4H4 (CA).<br/>(74) Agents: FINCHAM, Ian et al.; Suite 606, 225 Metcalfe Street, Ottawa, Ontario K2P 1P9 (CA).</p>                                                                                                                                                                                                                                                                                                                                           |           | <p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published<br/>With international search report.<br/>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p> |
| <p>(54) Title: COMPOSITE INSULATED GLASS ASSEMBLY AND METHOD OF FORMING SAME</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <p>(57) Abstract</p> <p>The invention relates to a composite insulated glass assembly (10), comprising a pair of spaced substrates (12, 14) with a flexible and resilient polymeric spacing member (16) between the substrates (12, 14), at the periphery thereof. At joints in the spacer, or at corners, where small incisions may be made for ease in forming corners, and such similar discontinuities, sealing material is positioned, bonded in the space to fill any gap (20) or opening and restore any reduction in thermal or other value of the spacer (16) at these positions. The spacer is conveniently positioned adjacent the periphery of the assembly and is substantially free of sealing material except at the corners.</p> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |