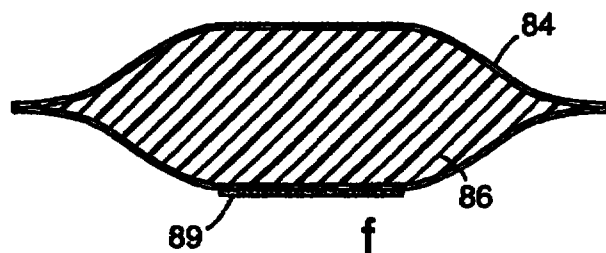
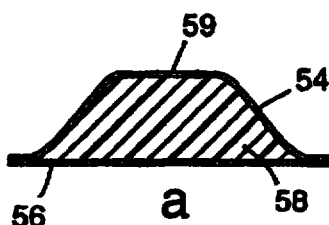


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| <b>(51) International Patent Classification <sup>6</sup> :</b><br><b>F16F 1/37, 7/108, G11B 5/54, 21/22</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>A2</b> | <b>(11) International Publication Number:</b> <b>WO 97/38237</b><br><b>(43) International Publication Date:</b> 16 October 1997 (16.10.97)                                                                                                                            |
| <b>(21) International Application Number:</b> PCT/US97/05827<br><b>(22) International Filing Date:</b> 4 April 1997 (04.04.97)<br><br><b>(30) Priority Data:</b><br>08/629,210      8 April 1996 (08.04.96)      US<br><br><b>(71) Applicant:</b> MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).<br><br><b>(72) Inventors:</b> JOHNSON, GORDON, G.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). LANDIN, Donald, T.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). JUNG, Michael, A.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). McCUTCHEON, Jeffrey, W.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).<br><br><b>(74) Agents:</b> DOWDALL, Janice, L. et al.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). |           | <b>(81) Designated States:</b> CA, CN, JP, KR, MX, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).<br><br><b>Published</b><br><i>Without international search report and to be republished upon receipt of that report.</i> |

**(54) Title:** VIBRATION AND SHOCK ATTENUATING ARTICLES AND A METHOD OF ATTENUATING VIBRATIONS AND SHOCKS THEREWITH**(57) Abstract**

The present invention relates to a vibration attenuating article (58, 62, 70, 74, 80, 86) that has a non-tacky film (54, 60, 66, 72, 78, 84) covering enclosing all or a significant portion of the surface of a vibration attenuating material, wherein at least a portion of the vibration attenuating surface covered by the film covering is a three-dimensional surface. A layer of adhesive must be present on at least a portion of the exterior film covering when all of the vibration attenuating material is covered by the exterior film covering.