

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 March 2005 (24.03.2005)

PCT

(10) International Publication Number
WO 2005/026655 A3

(51) International Patent Classification⁷: **F42D 5/045**

(21) International Application Number:
PCT/US2004/005916

(22) International Filing Date: 27 February 2004 (27.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/630,897 31 July 2003 (31.07.2003) US

(63) Related by continuation (CON) or continuation-in-part
(CIP) to earlier application:
US 10/630,897 (CIP)
Filed on 31 July 2003 (31.07.2003)

(71) Applicant (for all designated States except US): **BLAST-
GARD TECHNOLOGIES, INC.** [US/US]; 12900 Auto-
mobile Blvd., Suite D, Clearwater, FL 33762 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WADDELL, JR.**

John, L. [US/US]; 6723 Fawn Cliff Drive, Houston, TX
77069 (US). **GORDON, James, F.** [US/US]; 350 Sorrento
Ranches Drive, Nokomis, FL 34275 (US).

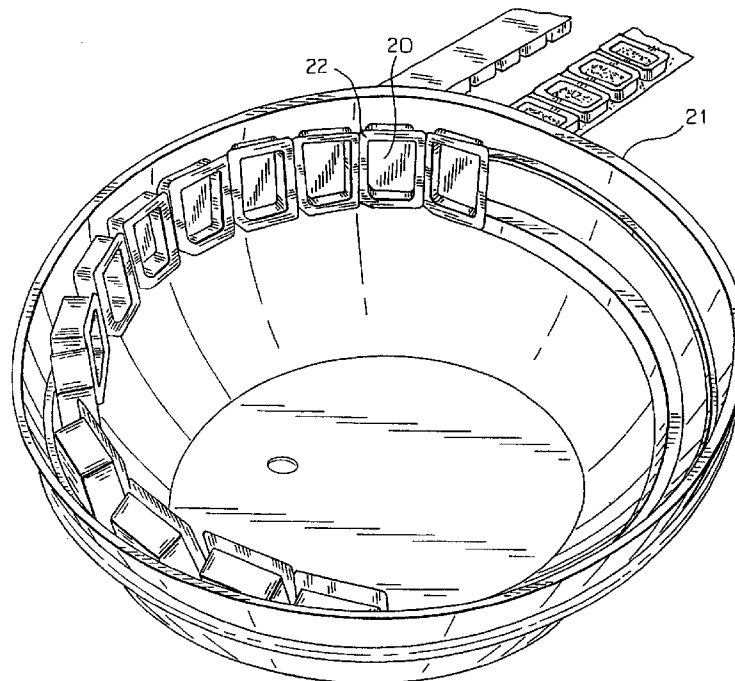
(74) Agents: **BROWDY AND NEIMARK, P.L.L.C.** et al.;
624 Ninth Street N.W., Suite 300, Washington, District of
Columbia 20001-5303 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU,
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,

[Continued on next page]

(54) Title: IMPROVED ACCOUSTIC/SHOCK WAVE ATTENUATING ASSEMBLY



(57) Abstract: An assembly (20) for attenuating shock waves is made of two flexible sheets arranged one over the other and joined by a plurality of seams (22), the flexible sheets being confined to form cells or recessed when joined together. The seams (22) are arranged so as to surround the cells or recesses in the sheets, and the cells or recesses are filled with a shock attenuating material.

WO 2005/026655 A3



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:

23 June 2005

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.