



(51) International Patent Classification:

F41H 1/02 (2006.01) *D03D 11/02* (2006.01)
D03D 1/00 (2006.01) *D06M 17/00* (2006.01)

(21) International Application Number:

PCT/US2016/027410

(22) International Filing Date:

14 April 2016 (14.04.2016)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/152,396 24 April 2015 (24.04.2015) US
 15/081,428 25 March 2016 (25.03.2016) US

(71) Applicant: HONEYWELL INTERNATIONAL INC.

[US/US]; Intellectual Property-Patent Services, 115 Tabor Road, M/S 4D3, P. O. Box 377, Morris Plains, New Jersey 07950 (US).

(72) Inventors: WAGNER, Lori L.; Honeywell International

Inc., Intellectual Property-Patent Services, 115 Tabor Road, M/S 4D3, P. O. Box 377, Morris Plains, New Jersey 07950 (US). TAYLOR, Dalia; Honeywell International Inc., Intellectual Property-Patent Services, 115 Tabor Road, M/S 4D3, P. O. Box 377, Morris Plains, New Jersey 07950 (US). HURST, David A.; Honeywell International Inc., Intellectual Property-Patent Services, 115 Tabor Road, M/S 4D3, P. O. Box 377, Morris Plains, New Jersey 07950 (US). DAVIS, Gregory A.; Honeywell International Inc., Intellectual Property-Patent Services, 115 Tabor Road, M/S 4D3, P. O. Box 377, Morris Plains, New Jersey 07950 (US). AGRAWAL, Sameer; Honeywell International Inc., Intellectual Property-Patent Services, 115 Tabor Road, M/S 4D3, P. O. Box 377, Morris Plains, New Jersey 07950 (US).

(74) Agent: SZUCH, Colleen D.; Honeywell International Inc., Intellectual Property-Patent Services, 115 Tabor Road, M/S 4D3, P. O. Box 377, Morris Plains, New Jersey 07950 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

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

16 February 2017

(54) Title: COMPOSITE FABRICS COMBINING HIGH AND LOW STRENGTH MATERIALS

(57) Abstract: Composite materials combining both high and low strength fibrous materials. More particularly, composite materials that are useful as lightweight vest covers for tactical vests and that are suitable for the formation of alternatives to conventional Modular Lightweight Load-carrying Equipment (MOLLE).

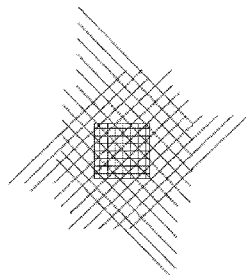


FIG. 2

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2016/027410**A. CLASSIFICATION OF SUBJECT MATTER****F41H 1/02(2006.01)i, D03D 1/00(2006.01)i, D03D 11/02(2006.01)i, D06M 17/00(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

F41H 1/02; F41H 1/08; B32B 3/04; B32B 5/12; B32B 3/26; B32B 37/10; B32B 5/02; F41H 5/04; F41H 5/02; D03D 1/00; D03D 11/02; D06M 17/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: ballistic resistance, composite, tenacity, areal density, adhesive, a first/second/third fibrous material layer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2014-0272267 A1 (HONEYWELL INTERNATIONAL INC.) 18 September 2014 See paragraphs [0002]-[0040], [0050]-[0080].	1-4, 7-9
Y		5-6, 10
Y	US 5466503 A (DISCHLER, LOUIS) 14 November 1995 See column 4, line 65 - column 7, line 63; and figures 1-3, 15.	5-6, 10
A	US 2010-0003452 A1 (JONGEDIJK et al.) 07 January 2010 See paragraphs [0037]-[0059]; and figures 1a-1b, 2-3, 4a-4b.	1-10
A	US 2011-0219943 A1 (ARVIDSON et al.) 15 September 2011 See paragraphs [0007]-[0084].	1-10
A	WO 2008-083457 A1 (DEW ENGINEERING AND DEVELOPMENT LIMITED et al.) 17 July 2008 See paragraphs [0009]-[0052]; and figures 1a-1b, 2-3, 4a-8b.	1-10



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 January 2017 (25.01.2017)

Date of mailing of the international search report

25 January 2017 (25.01.2017)

Name and mailing address of the ISA/KR

International Application Division

Korean Intellectual Property Office

189 Cheongsa-ro, Seo-gu, Daejeon, 35208, Republic of Korea

Facsimile No. +82-42-481-8578

Authorized officer

HWANG, Chan Yoon

Telephone No. +82-42-481-3347



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2016/027410

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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WO 2008-083457 A1	17/07/2008	None	