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(71) Applicant (for all designated States except US): **LOCKHEED MARTIN CORPORATION** [US/US]; M/S PT-09, 1701 West Marshall Drive, Grand Prairie, TX 75051 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **THOMAS, Toby, D.** [US/US]; 4140 Hilltop Drive, Southlake, TX 76092 (US).
HOELSCHER, David, L. [US/US]; 1500 Sanibel Lane, Arlington, TX 76018 (US).

(74) Agents: **DAVIS, Daren C.** et al.; Law Offices Of James E. Walton, P.L.L.C., 1169 N. Burleson Blvd., Suite 107-328, Burleson, TX 76028 (US).

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[Continued on next page]

(54) Title: GARMENT INCLUDING ELECTRICAL ENERGY STORAGE UNIT

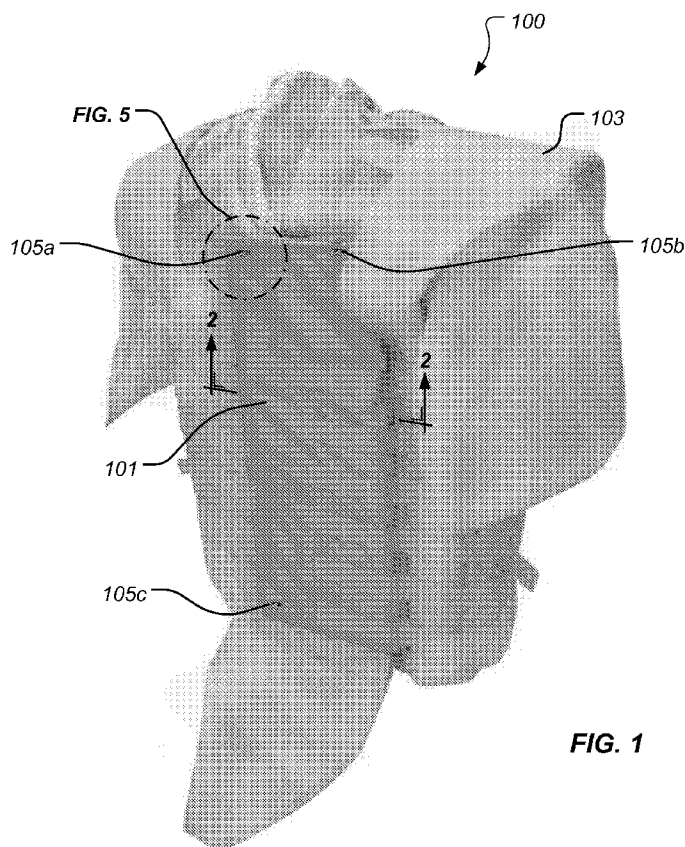


FIG. 1

(57) Abstract: A body armor includes an armor plate, an electrical energy storage layer conforming to a surface of the armor plate, and a first electrical connector operably associated with the electrical energy storage layer. An armored garment includes a garment, an armor plate operably associated with the garment, an electrical energy storage layer conforming to a surface of the armor plate, and a first electrical connector operably associated with the electrical energy storage layer. A garment includes a body, a first pocket, and an electrical energy storage unit disposed in the first pocket.



NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,
CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - F41H 1/02 (2008.04)

USPC - 2/2.5

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)

IPC-F41H 1/02 (2008.04)

US- 2/2.5

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

IPC-F41H 1/02 (2008.04)

US- 2/2.5,92,102; 29/623.1; 89/36.02; 224/902; 428/911

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

Dialog Pro Classic (EPO, JPO & JAPIO, French, USPT, WIPO); Google; Google Patents

Terms: body, armor, electrical energy, storage, battery, connector, lithium, vest, jacket, ballistic, wireless, cable, charge, charge indicator, shoulder pad, recharge, fuel cell, cable, tunnel

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,507,486 B2 (Peterson) 14 January 2003 (14.01.2003) entire document, especially (clm 1, 2, 4, 13, col 5 ln 56-58,66-67, col 4 ln 36-38,42-45 col 6 ln 1-11, 49-67,21-24 col 7 ln 9-30, col 1 ln 25-27, col 3 ln 21-23	1, 3- 8, 10,12-15,17, 19A, 20A, 20B, 21, 23, 24, 26, 28, 29, 31-33, 35, 36, 38 --- 2, 9, 11, 16, 18, 19B, 22, 25, 27, 30, 34, 37
Y	US 6,229,280 B1 (Sakoh et al.) 8 May 2001 (08.05.2008) (clm 3, 18)	25, 37
Y	US 2005/0255349 A1 (Fisher, et al.) 17 November 2005 (17.11.2005) (para [0034])	22, 34
Y	US 6,698,024 B2 (Graves et al.) 25 July 2002 (25.07.2002) (clm 5, Fig 3)	30
Y	US 4,876,724 A (Suzuki) 24 October 1989 (24.10.1989) (col 6 ln 24-29, Fig 2(300))	19B
Y	US 6,257,011 B1 (Siman-Tov, et al.) 10 July 2001 (10.07.2001) (col 6 ln 20)	2, 11, 16, 27
Y	Goldsmith. 18 September 2003 (18.09.2003). IONOMER-POLYMER SELF-HEALING MATERIAL APPLICATIONS, American Institute of Aeronautics and Astronautics [online], [retrieved on 2008-11-26]. Retrieved from the Internet < http://pdf.aiaa.org/preview/CDReadyMUA/V2003_834/PV2003_6554.pdf >	9, 18
A	US 5,555,490 A (Carroll) 10 September 1996 (10.09.1996) , entire document	1-18, 19A, 19B, 20A, 20B 21-38

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Authorized officer:

Lee W. Young

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