



(12) **United States Design Patent**
Snyder

(10) **Patent No.:** **US D657,093 S**
(45) **Date of Patent:** **** Apr. 3, 2012**

- (54) **HEAT REFLECTIVE MATERIAL**
- (75) Inventor: **Zach Snyder**, Portland, OR (US)
- (73) Assignee: **Columbia Sportswear North America, Inc.**, Portland, OR (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/346,786**

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Assistant Examiner — Barbara B Lohr
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(57) **CLAIM**
 The ornamental design of a heat reflective material, as shown and described.

- (22) Filed: **Nov. 5, 2009**
 - (51) **LOC (9) Cl.** **29-03**
 - (52) **U.S. Cl.** **D29/101.1**
 - (58) **Field of Classification Search** D5/47,
 D5/54, 55, 56, 57; D6/582; D32/40; 442/327,
 442/394; D29/100, 101.2, 101.3, 101.4,
 D29/101.5; 428/196, 131; 451/523, 533,
 451/537, 539; D8/90
- See application file for complete search history.

DESCRIPTION

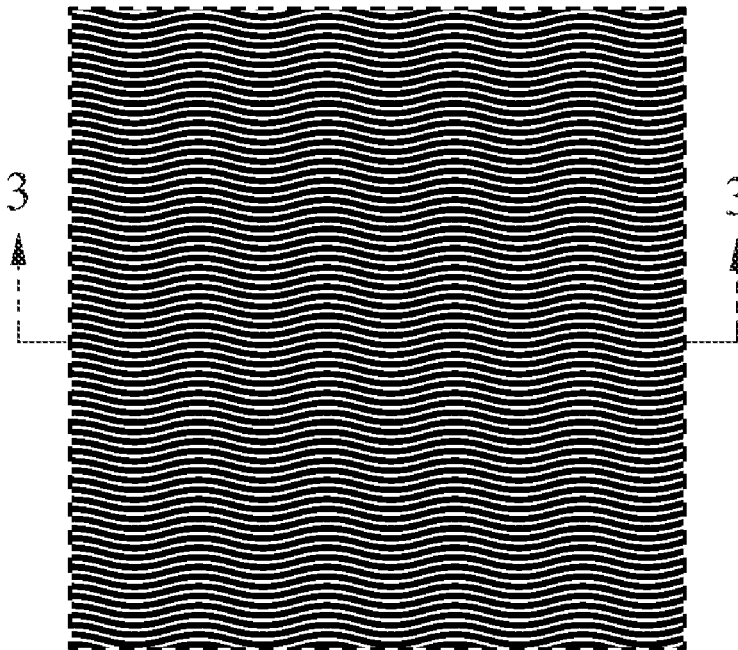
FIG. 1 is an elevational view of a heat reflective material; FIG. 2 is an enlarged elevational view thereof, taken from any area in the design; FIG. 3 is a cross-sectional side elevational view thereof, taken in the direction of line 3-3 in FIG. 1; FIG. 4 is a top perspective view of the heat reflective material as used in a sleeping bag; FIG. 5 is a front perspective view of the heat reflective material as used in footwear; FIG. 6 is a front perspective view of the heat reflective material as used in legwear; FIG. 7 is a rear perspective view of the heat reflective material as used in a sock; FIG. 8 is a rear perspective view of the heat reflective material as used in handwear; FIG. 9 is a front perspective view of the heat reflective material as used in outerwear; and, FIG. 10 is a rear perspective view of the heat reflective material as used in footwear.

The broken lines in the drawings depict environmental subject matter only and form no part of the claimed design.

- (56) **References Cited**
- U.S. PATENT DOCUMENTS
- | | | | | |
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- FOREIGN PATENT DOCUMENTS
- JP 63-125525 8/1988
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1 Claim, 3 Drawing Sheets



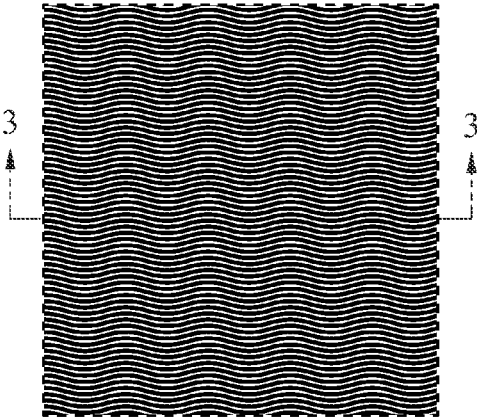


FIG. 1

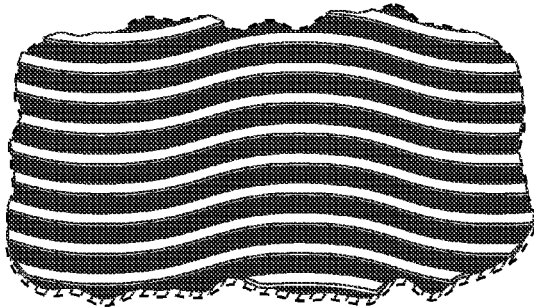


FIG. 2

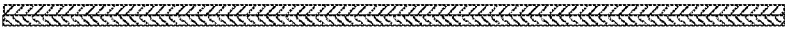


FIG. 3

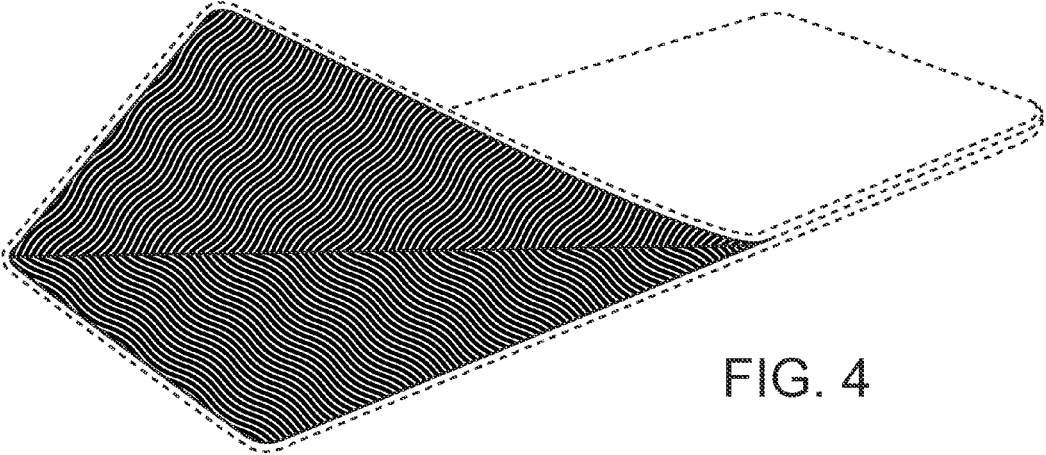


FIG. 4

FIG. 5

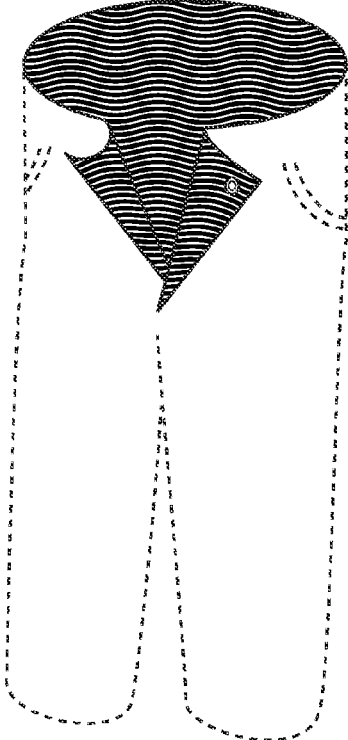


FIG. 6

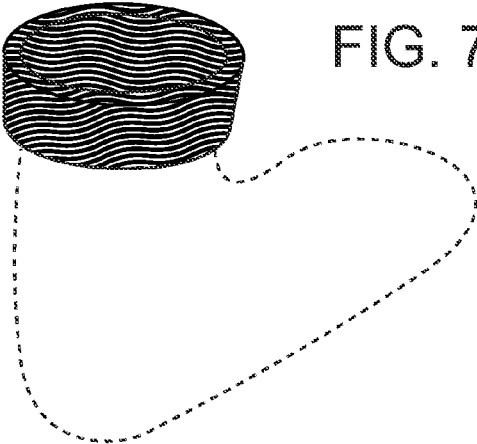


FIG. 7

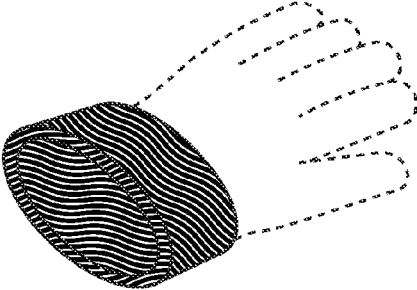


FIG. 8

FIG. 9

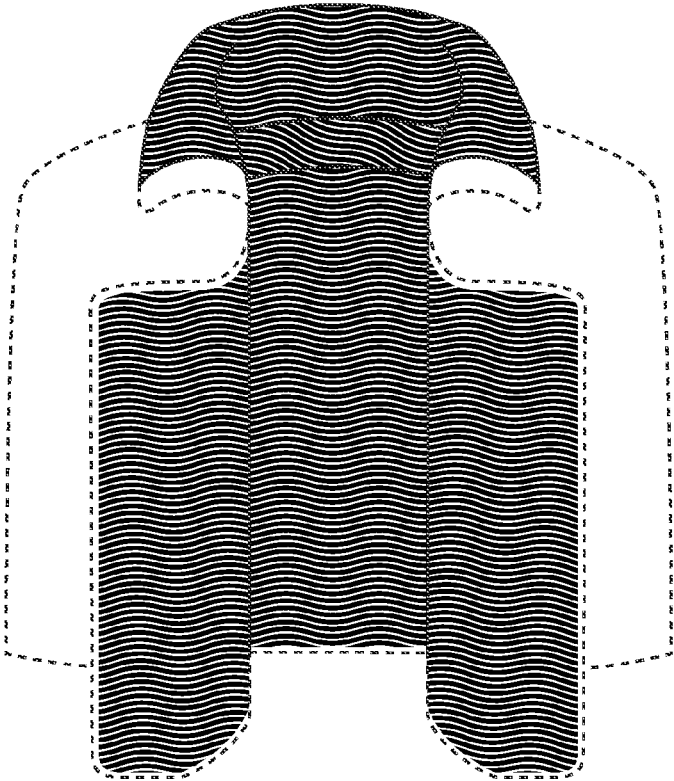
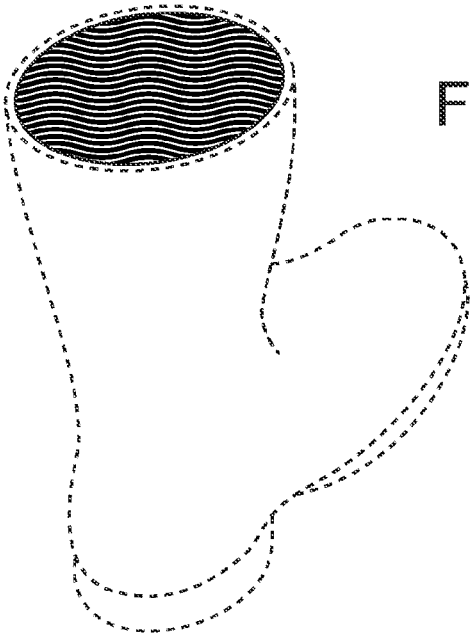


FIG. 10





US00D657093C1

(12) **EX PARTE REEXAMINATION CERTIFICATE** (11586th)
United States Patent
Snyder

(10) **Number:** **US D657,093 C1**
(45) **Certificate Issued:** **Oct. 21, 2019**

- (54) **HEAT REFLECTIVE MATERIAL**
- (75) Inventor: **Zach Snyder**, Portland, OR (US)
- (73) Assignee: **COLUMBIA SPORTSWEAR NORTH AMERICA, INC.**, Portland, OR (US)

- (52) **U.S. Cl.**
USPC **D29/101.1; D5/56**
- (58) **Field of Classification Search**
USPC D5/6, 28, 34, 47, 54-57, 59, 62, 423; D6/582; D32/40; 442/327, 394; D29/100, 101.2, 101.3, 101.4, 101.5; 428/196, 131; 451/523, 533, 537, 539; D8/90

See application file for complete search history.

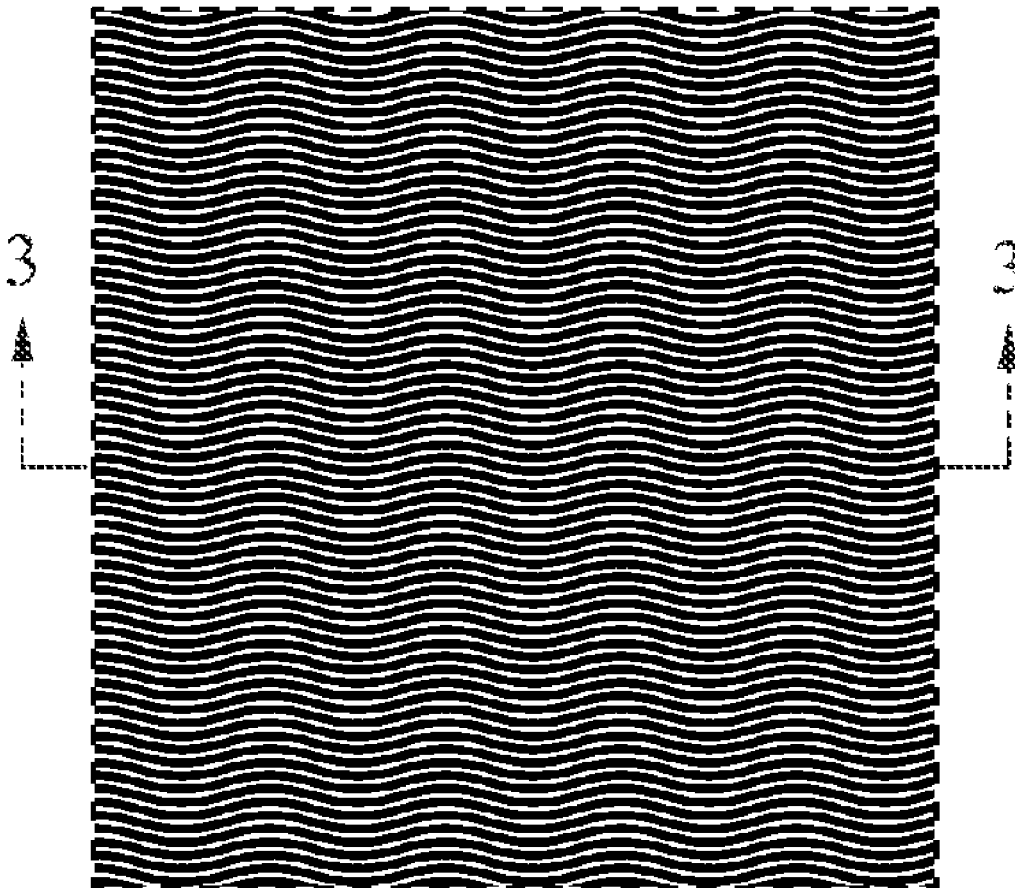
Reexamination Request:
No. 90/014,113, Mar. 13, 2018

(56) **References Cited**

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Filed: **Nov. 5, 2009**

To view the complete listing of prior art documents cited during the proceeding for Reexamination Control Number 90/014,113, please refer to the USPTO's public Patent Application Information Retrieval (PAIR) system under the Display References tab.

(51) **LOC (12) Cl.** **29-02** *Primary Examiner* — Jack Reickel



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**EX PARTE
REEXAMINATION CERTIFICATE**

NO AMENDMENTS HAVE BEEN MADE TO 5
THE PATENT

AS A RESULT OF REEXAMINATION, IT HAS BEEN
DETERMINED THAT:

The patentability of claim 1 is confirmed. 10

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