



US00D844140S

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

(10) **Patent No.:** **US D844,140 S**  
(45) **Date of Patent:** **\*\* Mar. 26, 2019**

- (54) **SINGLE-SHIELD, BI-DIRECTIONAL-BARB, DOUBLE-STRAND-TWIST SUTURE**
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- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/623,774**
- (22) Filed: **Oct. 26, 2017**

**Related U.S. Application Data**

- (63) Continuation-in-part of application No. 15/096,496, filed on Apr. 12, 2016.
- (51) **LOC (11) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/145**
- (58) **Field of Classification Search**  
USPC ..... D24/145  
CPC ..... A61B 17/06166; A61B 17/0469; A61B 2017/06176; A61B 2017/06171; A61B 2017/06185; A61B 2017/06057; A61B 2017/06028; A61B 2017/0472  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a single-shield, bi-directional-barb, double-strand-twist suture, as shown and described.

**DESCRIPTION**

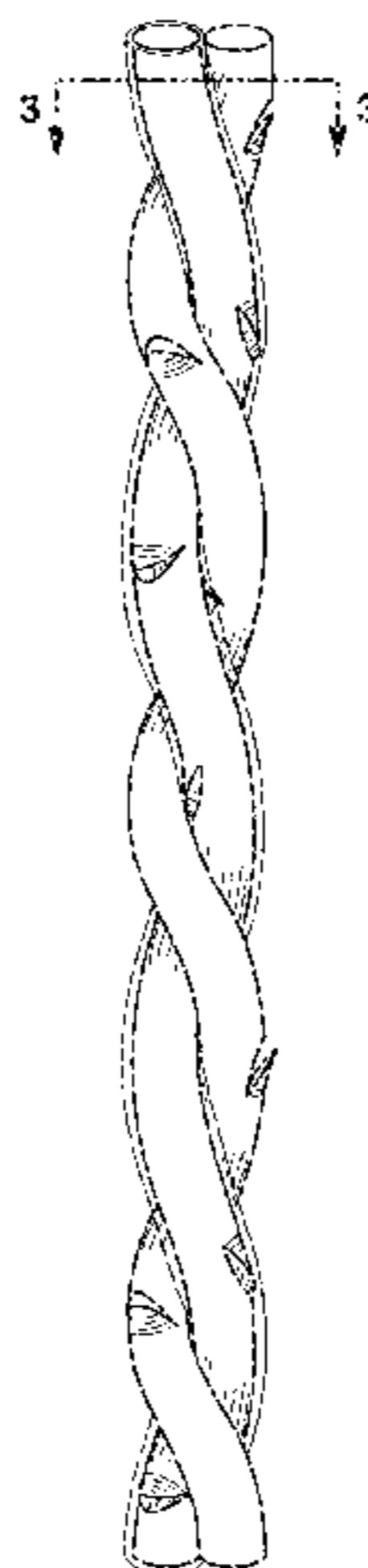
FIG. 1 is a side elevation view of a single-shield, bi-directional-barb, double-strand-twist suture in accordance with the invention showing an expanded side elevation view of a representative, repeating segment thereof, wherein all sides (front, rear, left side, right side) are identical, just shifted in phase (both axially and circumferentially) as they progress with respect to a central axis with respect to one another;

FIG. 2 is a perspective view thereof, with one strand in a coated condition and one strand in a non-coated condition; FIG. 3 is a cross-sectional view thereof (taken at the section 3-3 as shown), in the coated condition, an upward-looking view being a mirror image thereof; and,

FIG. 4 is the same cross-sectional view thereof, in an uncoated condition (before coating and after coating dissolving), an upward-looking view being a mirror image thereof.

The broken lines showing selected features are for the purpose of illustrating environment and context of the article and form no part of the claimed design.

**1 Claim, 1 Drawing Sheet**



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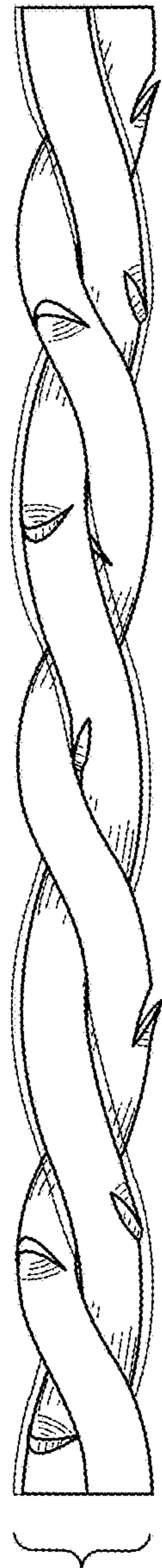


FIG. 1

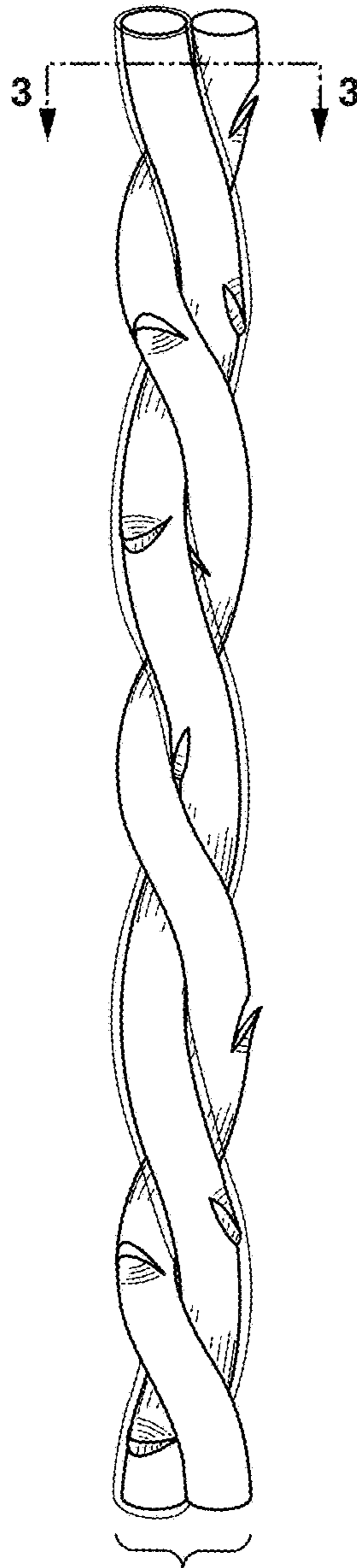


FIG. 2

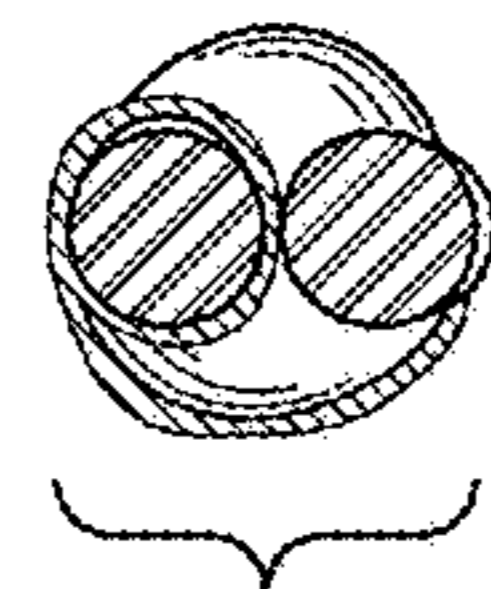


FIG. 3

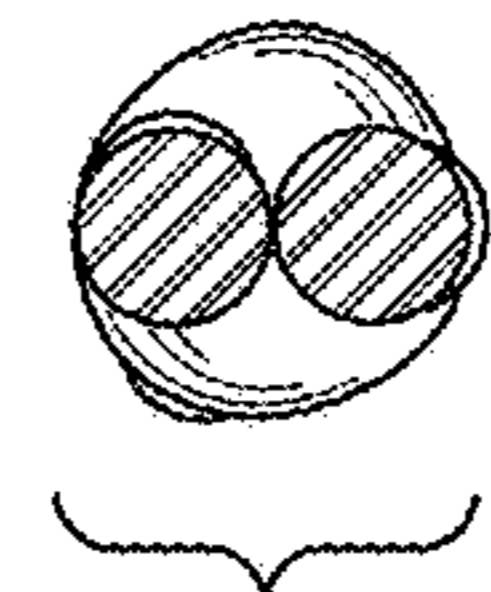


FIG. 4