



US009409330B1

(12) **United States Patent**
Janisse

(10) **Patent No.:** **US 9,409,330 B1**
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **LACROSSE HEAD POCKET AND RELATED METHOD OF MANUFACTURE**

(56) **References Cited**

(71) Applicant: **Richard J. Janisse**, Windsor (CA)
(72) Inventor: **Richard J. Janisse**, Windsor (CA)
(73) Assignee: **Warrior Sports, Inc.**, Warren, MI (US)
(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

U.S. PATENT DOCUMENTS

2,042,984 A	6/1936	Fritz
3,910,578 A	10/1975	Brine, Jr.
4,022,477 A	5/1977	Pool
4,049,273 A	9/1977	Pool
4,153,251 A	5/1979	Pond
4,183,776 A	1/1980	Staub et al.
4,273,331 A	6/1981	Fischer
4,460,178 A	7/1984	Ulman
4,861,042 A	8/1989	Trettin
4,938,480 A	7/1990	Lods

(Continued)

(21) Appl. No.: **15/094,479**

(22) Filed: **Apr. 8, 2016**

FOREIGN PATENT DOCUMENTS

CA	2326206	5/2001
CA	2359858	4/2002

OTHER PUBLICATIONS

Photo of deBeer Lacrosse Head.

(Continued)

Related U.S. Application Data

(62) Division of application No. 14/043,514, filed on Oct. 1, 2013, now Pat. No. 9,333,405.

(60) Provisional application No. 61/714,895, filed on Oct. 17, 2012.

(51) **Int. Cl.**
B29C 70/68 (2006.01)
B29C 45/14 (2006.01)
B29C 37/02 (2006.01)

(52) **U.S. Cl.**
CPC **B29C 45/14467** (2013.01); **A63B 59/20** (2015.10); **B29C 37/02** (2013.01)

(58) **Field of Classification Search**
CPC B29C 45/14; B29C 45/14336; B29C 45/0046; B29C 45/1671; B29C 70/688; B29C 31/008; A63B 59/02; D05B 19/12; D03D 51/00; B29K 2713/00; B29K 2023/06; B29K 2077/00
USPC 264/45.5
See application file for complete search history.

Primary Examiner — Joseph S. Del Sole

Assistant Examiner — Thukhanh T Nguyen

(74) *Attorney, Agent, or Firm* — Warner Norcross & Judd LLP

(57) **ABSTRACT**

A lacrosse head pocket and a related method of manufacture are provided. The pocket can be a molded pocket including individual molded strings, combined strings, shooting strings and support rails extending around a perimeter of the pocket. Certain pocket elements can include transition parts to smoothly transition components having different cross sections. The pocket can include a pre-formed ball channel and hole units having broadsides for connection to a head or other component. The pocket can be attached to a pocket frame, and optionally constructed from a mesh or other synthetic material that is tensioned with the pocket frame. A mold and related molding method are also provided.

20 Claims, 26 Drawing Sheets

