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(54) **ARCHERY BOW SUPPORT**

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(56) **References Cited**

U.S. PATENT DOCUMENTS

1,586,297	A *	5/1926	Du Bois	B25B 7/12 81/348
3,235,997	A *	2/1966	Stoner	F41A 23/08 42/94
3,804,132	A	4/1974	Mann	
4,219,919	A *	9/1980	Fischbein	A44C 5/185 81/424.5
5,165,155	A	11/1992	Adams	
5,711,103	A *	1/1998	Keng	F41A 23/10 42/94
6,663,071	B2 *	12/2003	Peterson	F16M 11/26 248/440.1
6,695,267	B2	2/2004	Liao	
D491,434	S	6/2004	Noniewicz	
D508,640	S	8/2005	Ping	
7,032,494	B2 *	4/2006	Wygant	F41A 23/08 248/171
7,909,301	B2 *	3/2011	Faifer	F16M 11/041 248/166
8,087,137	B2 *	1/2012	Wang	A41H 37/00 269/91
9,089,978	B2 *	7/2015	Carmichael	B26B 13/26
2005/0188597	A1	9/2005	Keng et al.	
2011/0138973	A1	6/2011	Wang	

* cited by examiner

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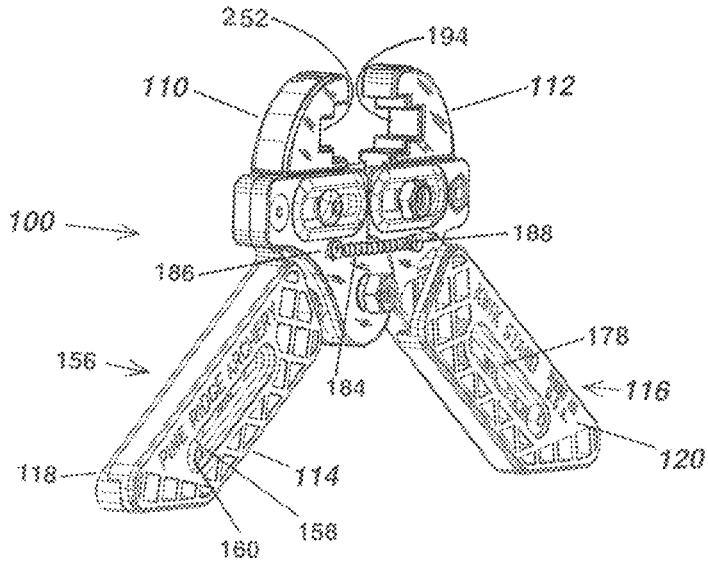
(57) **ABSTRACT**

An archery bow support has adjustable or movable jaws and adjustable legs to a permit a releasable attachment to a plurality of different types of bows for positioning the bow during a downtime or brief period of non use during a period of heavy use for the bow, to assist the archer with a rest period.

8 Claims, 9 Drawing Sheets