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(12) **United States Design Patent**  
**Peters et al.**

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- (54) **TARGETING DISPLAY FOR A RANGEFINDER, RIFLESCOPE, OR OTHER AIMED OPTICAL DEVICE**
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- (73) Assignee: **Leupold & Stevens, Inc.**, Beaverton, OR (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/298,772**
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**Related U.S. Application Data**

- (62) Division of application No. 29/241,892, filed on Nov. 1, 2005, now Pat. No. Des. 562,428.

- (51) **LOC (8) Cl.** ..... **22-01**
- (52) **U.S. Cl.** ..... **D22/108**
- (58) **Field of Classification Search** ..... D22/108;  
33/227, 245-246, 297, 298; D16/13, 132,  
D16/134; 42/122, 111, 113, 130, 124, 134-145;  
235/414; 356/21; 421/122; 89/161, 41,  
89/19, 200-204; 350/550; 359/424, 428  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,190,121 A	7/1916	Critchett	
1,406,620 A	2/1922	Dear	
1,428,389 A *	9/1922	Miller	42/133
2,171,571 A	9/1939	Karnes	
2,464,521 A	3/1949	McCall	
3,058,391 A	10/1962	Leupold	
3,190,003 A	6/1965	O'Brien	
3,297,389 A	1/1967	Gibson	
3,313,026 A	4/1967	Akin, Jr.	
3,381,380 A	5/1968	Thomas	
3,392,450 A	7/1968	Herter et al.	
3,431,652 A	3/1969	Leatherwood	

3,470,616 A	10/1969	Thompson	
3,492,733 A	2/1970	Leatherwood	
3,540,256 A	11/1970	Thompson	
3,684,376 A	8/1972	Lessard	
3,826,012 A	7/1974	Pachmayr	
3,948,587 A	4/1976	Rubbert	
4,263,719 A	4/1981	Murdoch	
4,285,137 A	8/1981	Jennie	
4,380,876 A *	4/1983	Strassburg	33/297
4,389,791 A	6/1983	Ackerman	
4,403,421 A	9/1983	Shepherd	
4,584,776 A	4/1986	Shepherd	
4,618,221 A	10/1986	Thomas	
4,806,007 A	2/1989	Bindon	
D306,173 S	2/1990	Reese	
4,957,357 A	9/1990	Barns et al.	
5,616,903 A	4/1997	Springer	
5,669,174 A	9/1997	Teetzel	
D397,704 S	9/1998	Reese	
D403,686 S	1/1999	Reese	

(Continued)

**OTHER PUBLICATIONS**

Kahles GmbH, TDS Tri-Factor Reticle System, [www.kahlesoptik.com/products/tds\\_reticle.html](http://www.kahlesoptik.com/products/tds_reticle.html), visited Oct. 15, 2003, 2 pgs.

(Continued)

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(57) **CLAIM**

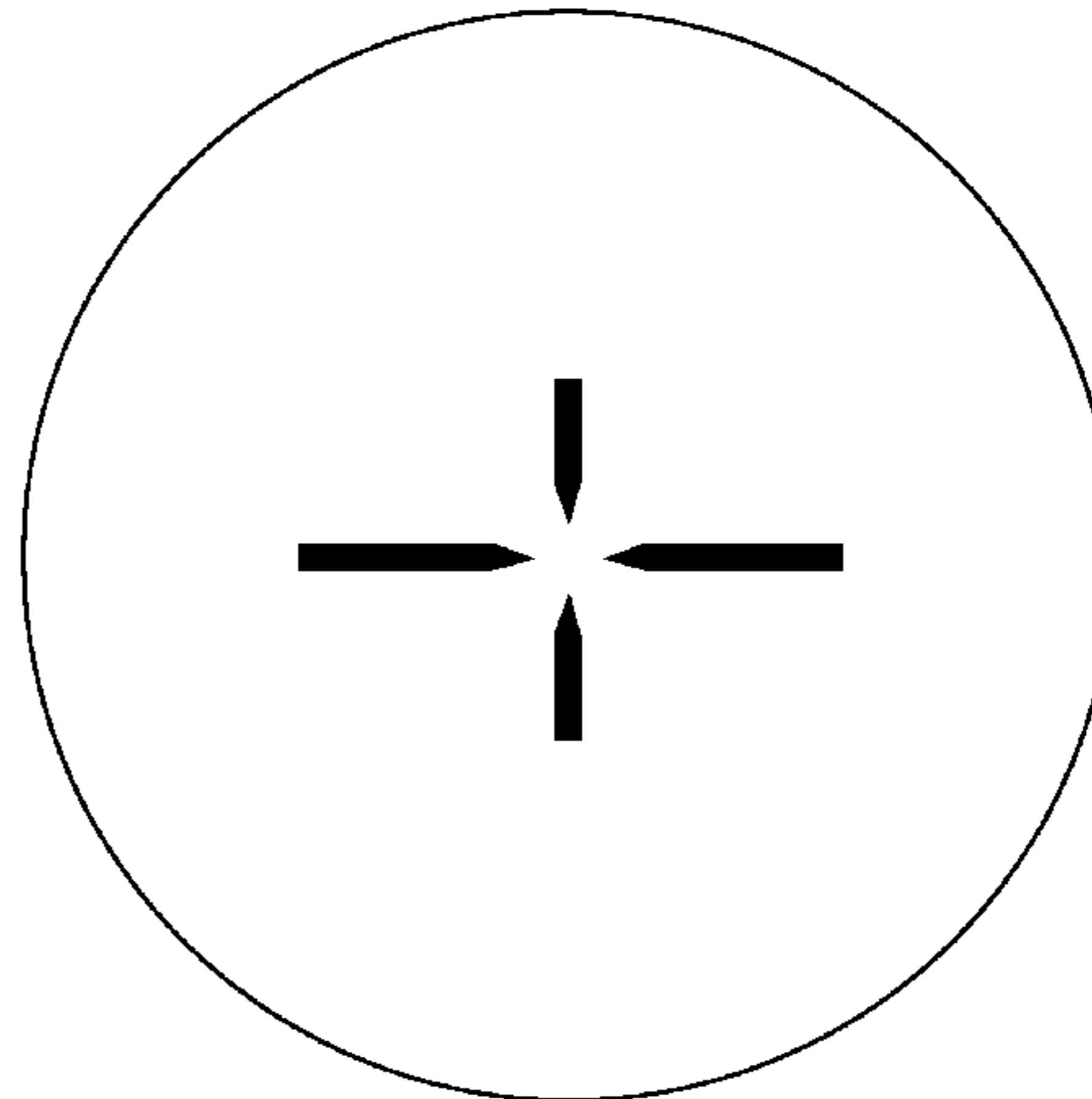
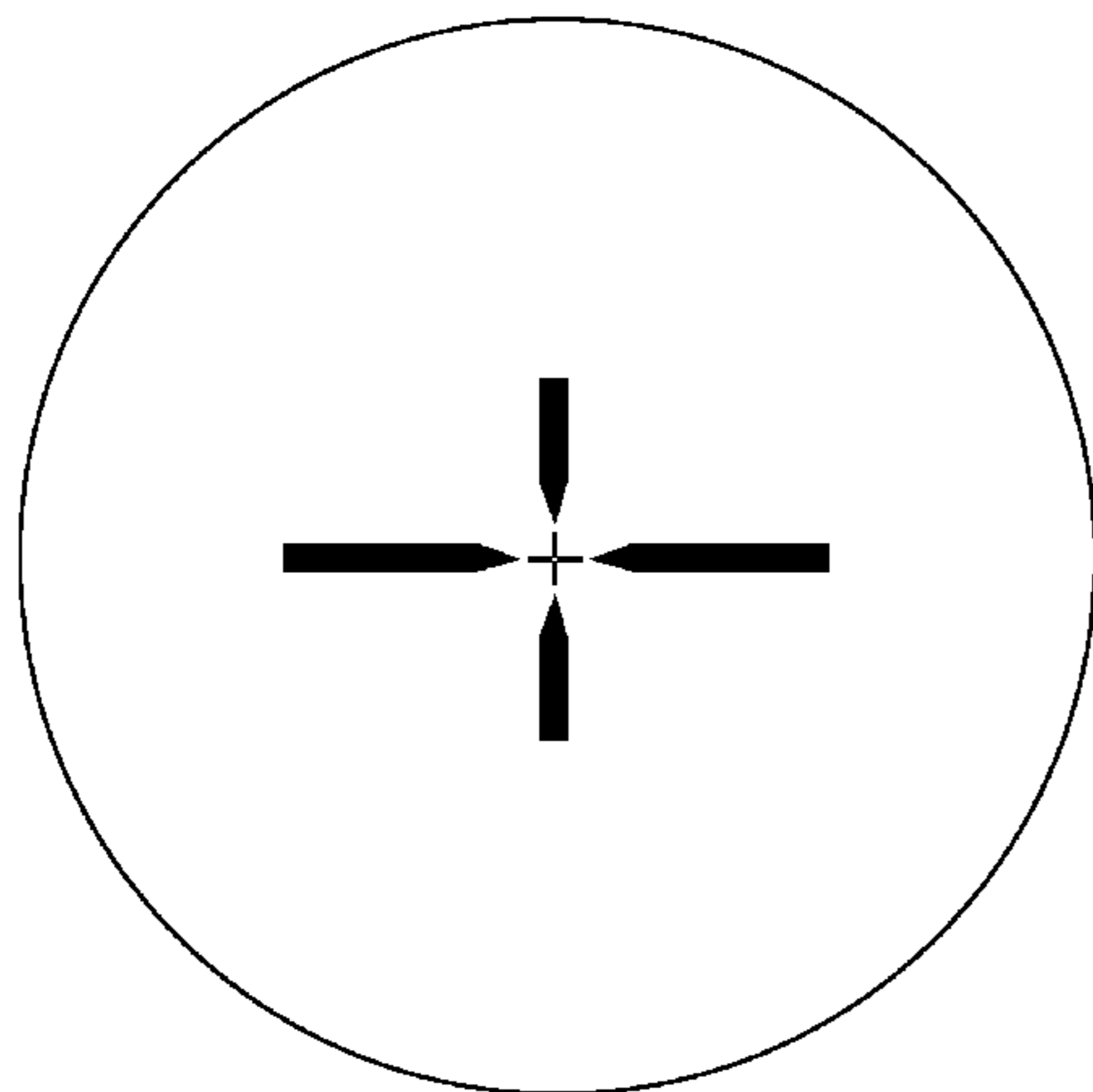
We claim the ornamental design for a targeting display for a rangefinder, riflescope, or other aimed optical device, as shown and described.

**DESCRIPTION**

FIG. 1 is a view of a targeting display for a rangefinder, riflescope, or other aimed optical device in a first configuration, showing the reticle of the targeting display in accordance with a first embodiment; and,

FIG. 2 is a view of the targeting display of FIG. 1 in a second configuration, showing the reticle of the targeting display in accordance with a second embodiment.

**1 Claim, 1 Drawing Sheet**



U.S. PATENT DOCUMENTS

5,920,995	A	7/1999	Sammut	
6,032,374	A	3/2000	Sammut	
6,357,158	B1	3/2002	Smith, III	
D456,057	S	4/2002	Smith, III	
6,453,595	B1	9/2002	Sammut	
6,516,551	B2	2/2003	Gaber	
6,516,699	B2	2/2003	Sammut et al.	
D475,758	S	6/2003	Ishikawa	
6,574,900	B1	6/2003	Malley	
6,591,537	B2	7/2003	Smith	
D506,520	S	6/2005	Timm et al.	
D517,153	S	3/2006	Timm et al.	
D522,030	S	5/2006	Jenkinson	
D530,775	S	10/2006	LaCorte	
D530,776	S	10/2006	LaCorte	
D532,477	S	11/2006	Zaderey et al.	
D536,762	S	2/2007	Timm et al.	
7,171,775	B1	2/2007	Lacorte	
D542,879	S	5/2007	Zaderey	
D544,511	S	6/2007	Geurts	
D562,428	S *	2/2008	Peters et al.	..... D22/108
2002/0191282	A1	12/2002	Edwards	
2004/0016168	A1	1/2004	Thomas et al.	
2005/0005495	A1	1/2005	Smith	
2005/0021282	A1	1/2005	Sammut et al.	
2005/0229468	A1	10/2005	Zaderey et al.	
2005/0257414	A1	11/2005	Zaderey et al.	
2007/0097351	A1	5/2007	York	

OTHER PUBLICATIONS

Kahles GmbH, TDS Tri-Factor Reticle System Step 1, [www.kahlesoptik.com/products/step1.html](http://www.kahlesoptik.com/products/step1.html), visited Oct. 15, 2003, 2 pgs.

Kahles GmbH, TDS Tri-Factor Reticle System Step 2, [www.kahlesoptik.com/products/step2.html](http://www.kahlesoptik.com/products/step2.html), visited Oct. 15, 2003, 2 pgs.

Kahles GmbH, TDS Tri-Factor Reticle System Step 3, [www.kahlesoptik.com/products/step3.html](http://www.kahlesoptik.com/products/step3.html), visited Oct. 15, 2003, 2 pgs.

Kahles GmbH, TDS Tri-Factor Reticle System Step 4, [www.kahlesoptik.com/products/step4.html](http://www.kahlesoptik.com/products/step4.html), visited Oct. 15, 2003, 2 pgs.

Kahles GmbH, TDS Tri-Factor Reticle System Decals, [www.kahlesoptik.com/products/decals.html](http://www.kahlesoptik.com/products/decals.html), visited Oct. 20, 2003, 3 pgs.

Kahles GmbH, Bullet Sight-In and TDS Factor Chart Selection Reference Table, [www.kahlesoptik.com/products/table.html](http://www.kahlesoptik.com/products/table.html), visited Oct. 15, 2003, 5 pgs.

Swarovski Optik, TDS Tri-factor Reticle System, "An Introduction and Familiarization on How Col. T.D. Smith's Shooting System Works", [www.sportingrifles.com/tds\\_tri.htm](http://www.sportingrifles.com/tds_tri.htm), visited Oct. 16, 2003, 5 pgs.

Leupold & Stevens Inc., Leupold 2003 Catalog; Nov. 2002, pgs. 8, 9, 25 & 30.

Bray, Dr. Derek, "ISEMD Course External Ballistics Trajectory Modelling", Cranfield University, <http://www.rmcs.cranfield.ac.uk/aerextra/isemdtrajmod.ppt>, visited Oct. 6, 2003, 23 pgs.

Intelligration Systems Group, "What is Ballistic Coefficient and How Is It Calculated," Topic of the Month: Sep. 2001, [www.loadammo.com/Topics/September01.htm](http://www.loadammo.com/Topics/September01.htm), 3 pgs.

Bercovitz, John; "Hatcher's Notebook—errata," [www.yarchive.net/gun/hatchers\\_notebook.html](http://www.yarchive.net/gun/hatchers_notebook.html), visited Nov. 1, 2003, 3 pgs.

Ingalls Tables Historical Summary, [www.51phantom.com/ebexplained/4th/30.cfmingalls+tables&hl=en&ie=utf-8](http://www.51phantom.com/ebexplained/4th/30.cfmingalls+tables&hl=en&ie=utf-8), visited Nov. 1, 2003, 4 pgs.

Carl Zeiss, Reticles, 2 pgs, date unknown.

Simmons Outdoor Corporation, 2003 Catalog, pp. 9 and 11.

Premier Reticles, Ltd., Introducing the Next Generation Mil-dot reticle-GEN 2 MIL-DOT, [www.premierreticles.com/gen2.html](http://www.premierreticles.com/gen2.html), visited Nov. 21, 2002, 2 pgs.

Premier Reticles, Ltd., Mil-dot User Guide, [www.premierreticles.com/mildotgu.htm](http://www.premierreticles.com/mildotgu.htm), visited Nov. 21, 2002, 14 pgs.

Premier Reticles, Ltd., 2002 Pricing & Information/Catalog, Aug. 1, 2002, 21 pgs.

Redfield Optics, LE-9 Sniper Reticle, Jul. 19, 1994, 1 page.

\*\*D.O.D. Proprietary Data\*\* Drawing for Special Reticle for SSG86-10 Power Optic for Exclusive Use by Gun South, Inc., Jun. 30, 1986, 1 page.

Nightforce Optics, Reticle Selection, <http://www.nightforceoptics.com>, visited Feb. 11, 2005, 6 pages.

Schmidt & Bender, Standard Reticles, <http://www.schmidtbender.com/reticlesstandard.htm>, visited Feb. 11, 2005, 2 pages.

Leatherwood Optics, Automatic Ranging & Trajectory Scopes, 2001, 7 pages.

Leatherwood Optics, The Leatherwood Sporter, 1999, 16 pages.

Leatherwood Optics, Telescope / Auto-Ranging Art II Operation Manual, date unknown (at least as early as 2000), 11 pages.

Hi-Lux Optics, Instructions For The Hi-Lux™ Uni-Dial™ The first Programmable Range Dial, date unknown (at least as early as Sep. 2006), 4 pages.

Hi-Lux Optics, The New No-Math™ Mil-Dot Reticle, date unknown (at least as early as Sep. 2006) 2 pages.

Nightforce Optics, Reticle Selection, <http://www.nightforceoptics.com/?catid=4&viewitem=151> & PHPSESSID=9afba5fae7304ea2a266f9c7e44..., visited Feb. 8, 2005, 3 pages.

Snipers's Hide Forum: New Nightforce Reticle?, <http://216.239.57/search?q=cache:c8E3KfXM6u0J:www.snipershide.com/cgi-bin/ubbcgi/ultimatebb.c...>, visited Feb. 8, 2005, 9 pages.

Bushnell Performance Optics, Trophy Riflescopes, <http://www.bushnell.com/riflescopes/specs/73-0135.cfm>, visited Aug. 25, 2005, 1 page.

Newcon International Ltd., Newcon Optik Professional Laser Rangefinder Monoculars LRM 2500/LRM2500C, Specifications and Operation manual, 13 sheets, 2004.

Bushnell Performance Optics, Laser Rangefinder, [http://www.bushnell.com/products/tech\\_talk/rangefinders.cfm](http://www.bushnell.com/products/tech_talk/rangefinders.cfm), visited Oct. 22, 2005, 2 pages.

Pending U.S. Appl. No. 11/265,546, filed Nov. 1, 2005.

Pending U.S. Appl. No. 29/241,892, filed Nov. 1, 2005.

Pending U.S. Appl. No. 29/298,774, filed Dec. 12, 2007.

Pending U.S. Appl. No. 29/298,775, filed Dec. 12, 2007.

Pending U.S. Appl. No. 29/298,777, filed Dec. 12, 2007.

Pending U.S. Appl. No. 29/298,778, filed Dec. 12, 2007.

\* cited by examiner

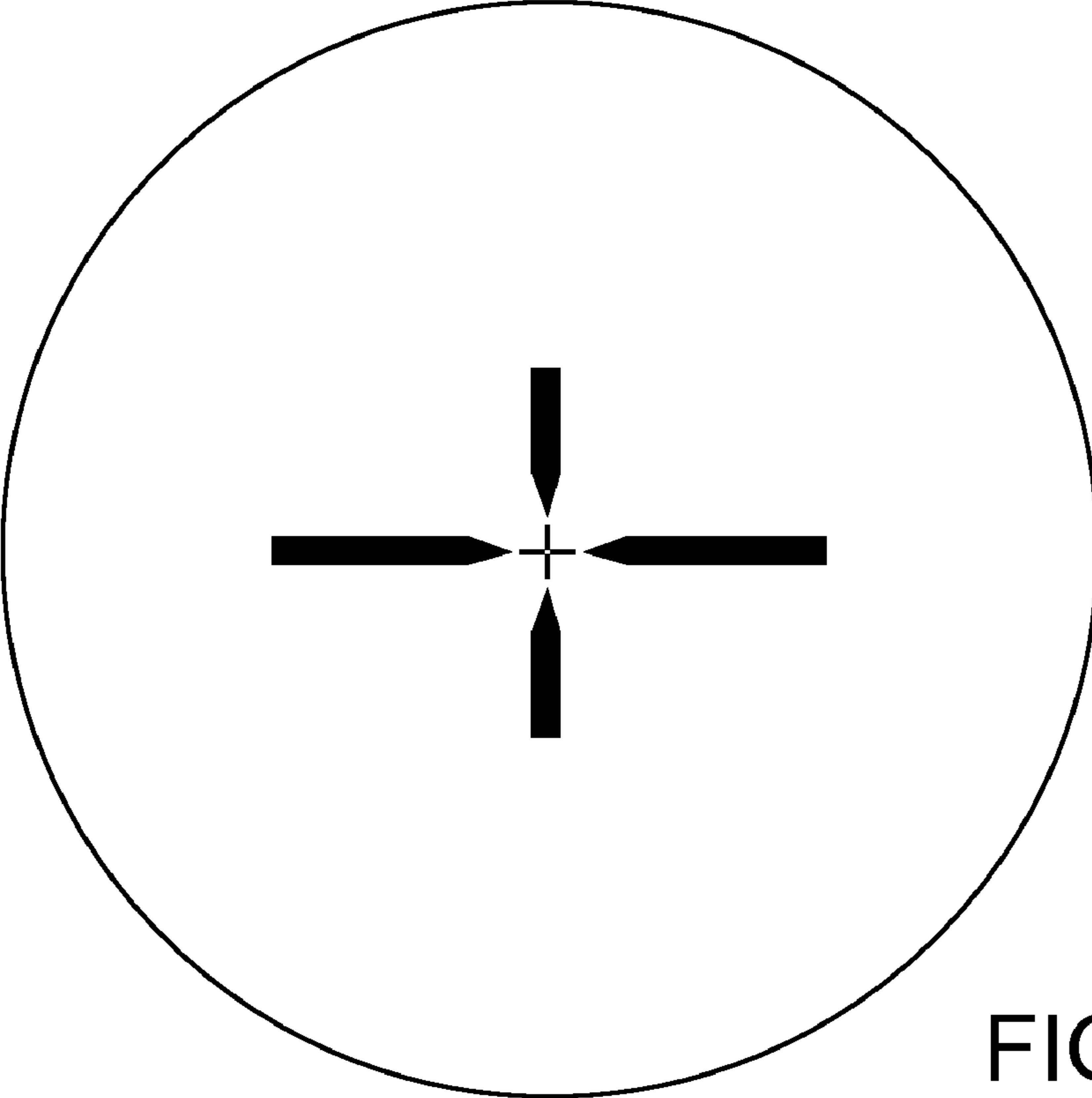


FIG. 1

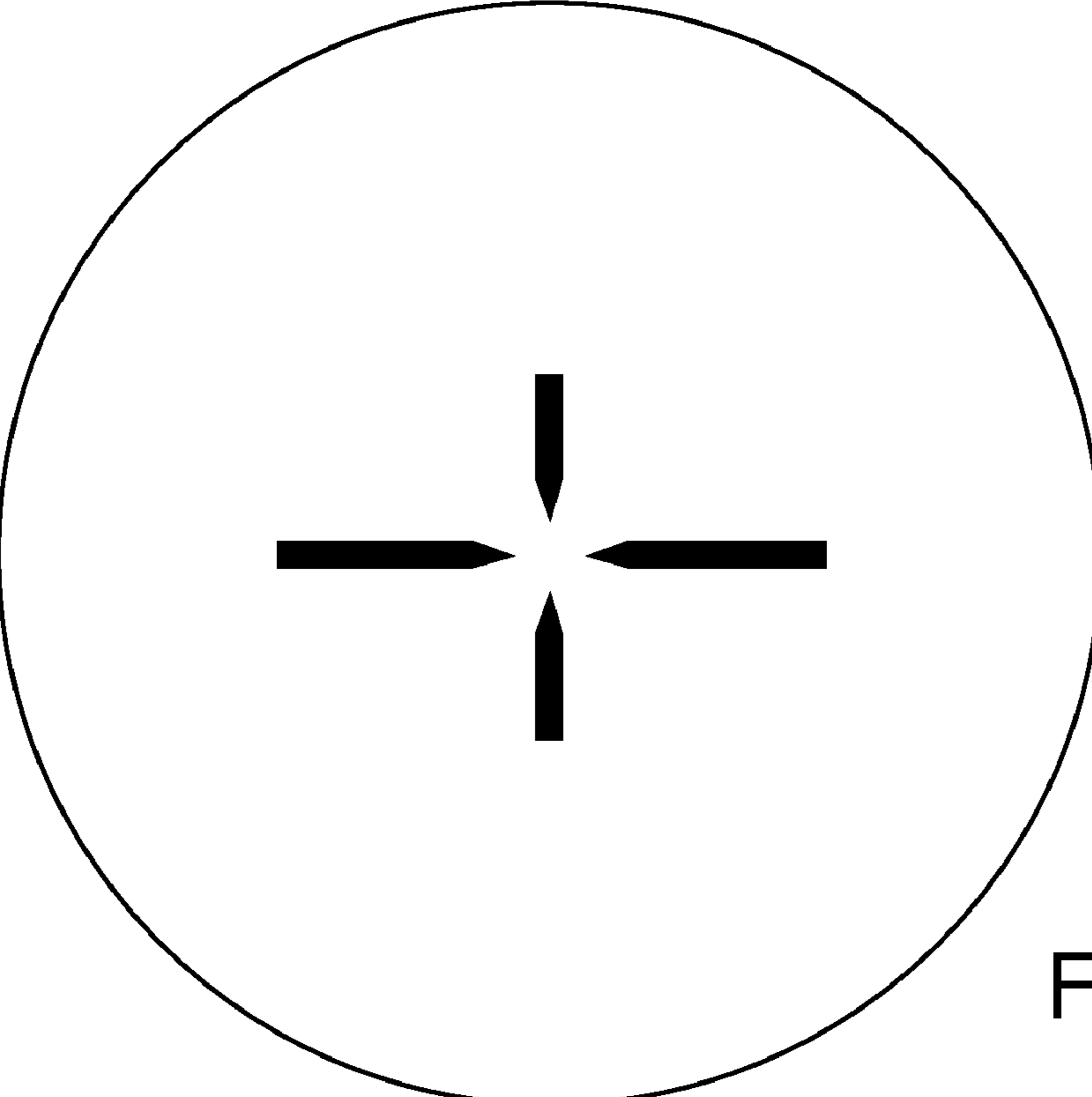


FIG. 2