



US00D584376S

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

(10) **Patent No.:** **US D584,376 S**
(45) **Date of Patent:** **** Jan. 6, 2009**

(54) **TARGETING DISPLAY FOR A
RANGEFINDER, RIFLESCOPE, OR OTHER
AIMED OPTICAL DEVICE**

(75) Inventors: **Victoria J. Peters**, Forest Grove, OR
(US); **Andrew W. York**, Portland, OR
(US); **Michael Slack**, Portland, OR (US)

(73) Assignee: **Leupold & Stevens, Inc.**, Beaverton,
OR (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/298,778**

(22) Filed: **Dec. 12, 2007**

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 (9) 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

(Continued)

OTHER PUBLICATIONS

Kahles GmbH, TDS Tri-Factor Reticle System, www.kahlesoptik.com/products/tds_reticle.html, visited Oct. 15, 2003, 2 pgs.

(Continued)

Primary Examiner—Ian Simmons

Assistant Examiner—Melanie Levy

(74) *Attorney, Agent, or Firm*—Stoel Rives LLP

(57) **CLAIM**

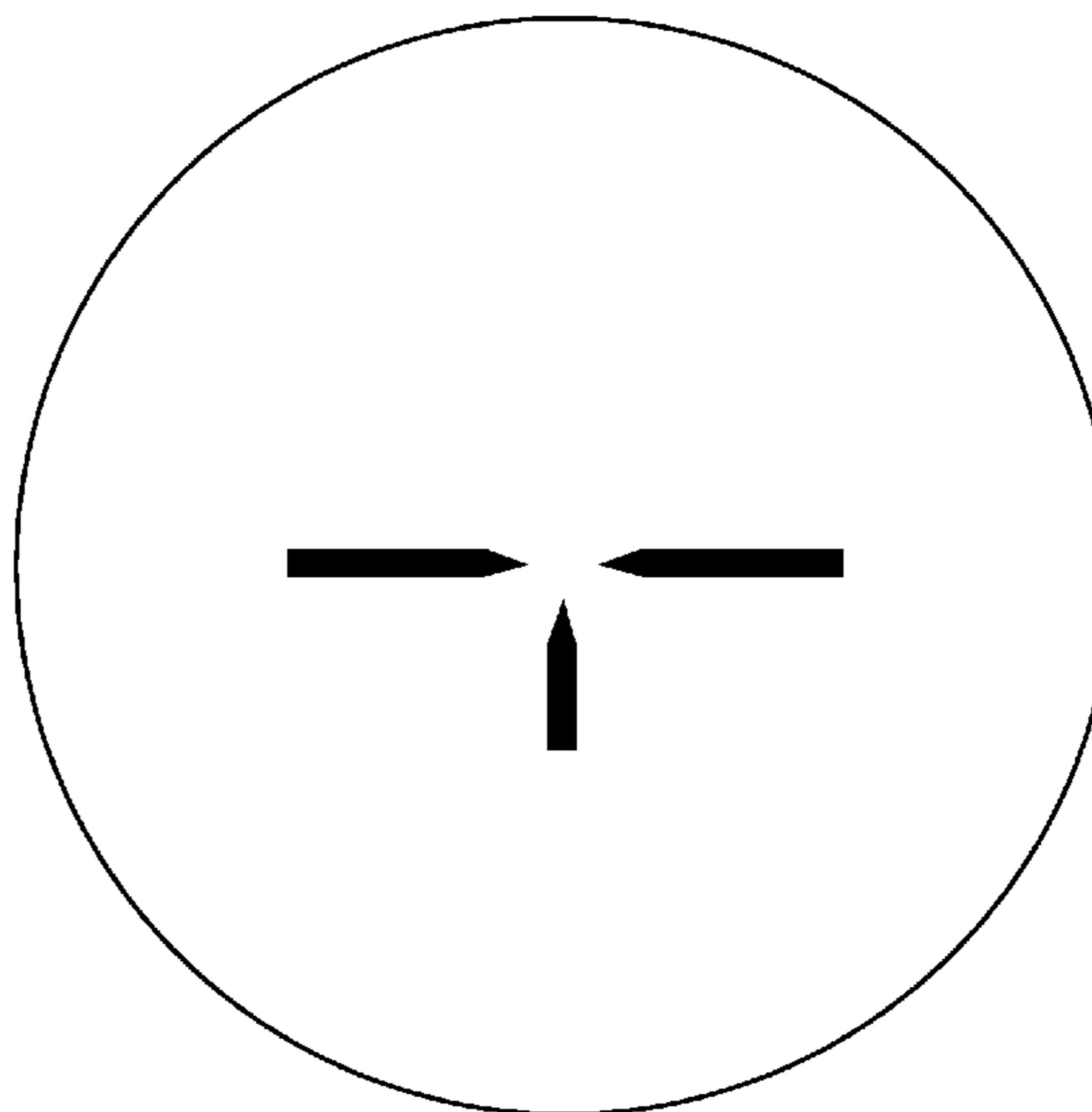
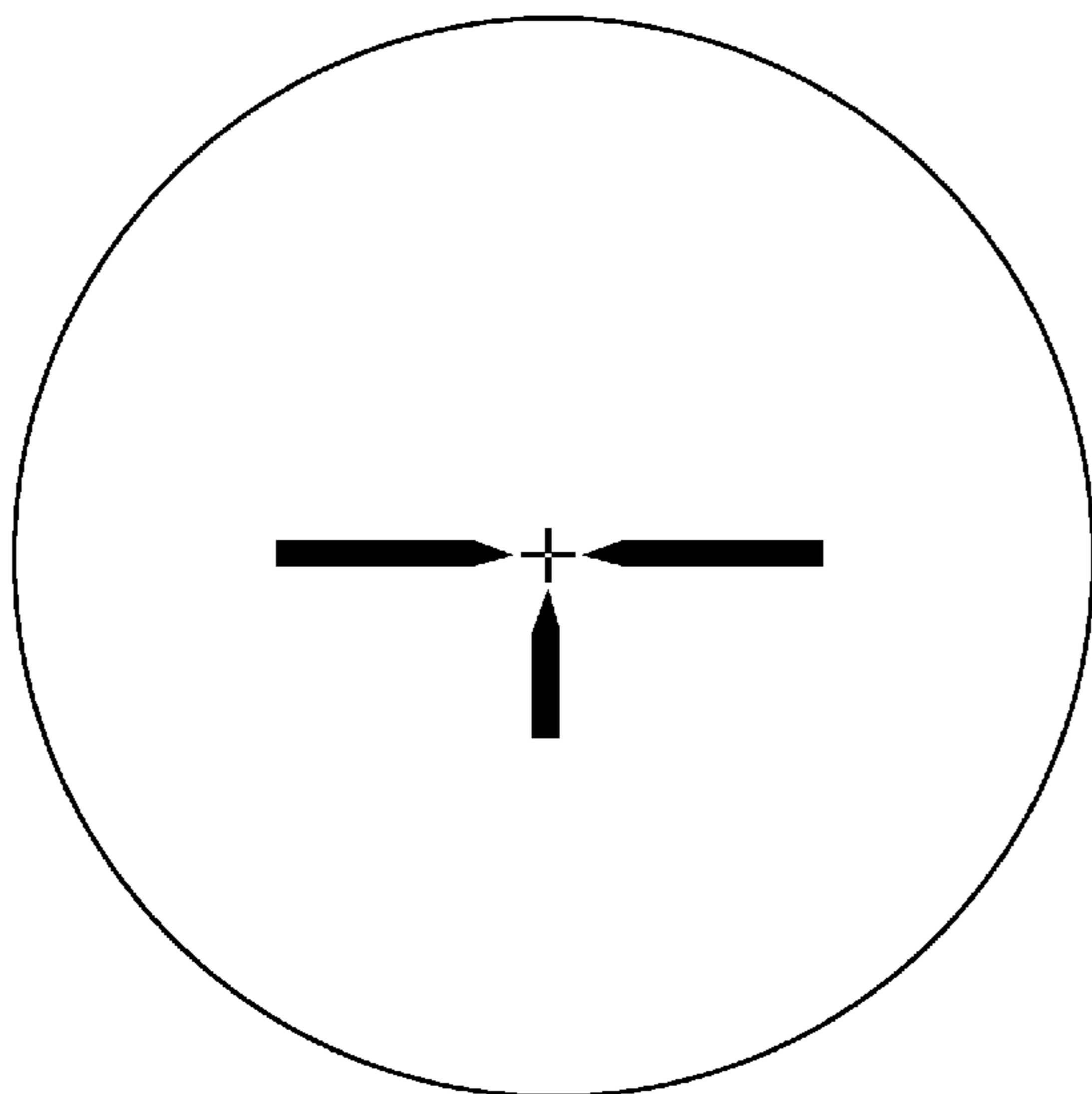
We claim the ornamental design for a targeting display for a
rangefinder, rifle scope, or other aimed optical device, as
shown and described.

DESCRIPTION

FIG. 1 is a view of a targeting display for a rangefinder,
rifle scope, or other aimed optical device in a first configura-
tion, 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

3,470,616	A	10/1969	Thompson	
3,492,733	A	2/1970	Leatherwood	
3,499,224	A *	3/1970	Jenny et al.	42/140
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	
5,920,995	A	7/1999	Sammur	
6,032,374	A	3/2000	Sammur	
6,357,158	B1	3/2002	Smith, III	
D456,057	S	4/2002	Smith, III	
6,453,595	B1	9/2002	Sammur	
6,516,551	B2	2/2003	Gaber	
6,516,699	B2	2/2003	Sammur 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
2001/0017730	A1 *	8/2001	Ruh	359/428
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	Sammur 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, visited Oct. 15, 2003, 2 pgs.
 Kahles GmbH, TDS Tri-Factor Reticle System Step 2, www.kahlesoptik.com/products/step2.html, visited Oct. 15, 2003, 2 pgs.
 Kahles GmbH, TDS Tri-Factor Reticle System Step 3, www.kahlesoptick.com/products/step3.html, visited Oct. 15, 2003, 2 pgs.
 Kahles GmbH, TDS Tri-Factor Reticle System Step 4, www.kahlesoptick.com/products/step4.html, visited Oct. 15, 2003, 2 pgs.
 Kahles GmbH, TDS Tri-Factor Reticle System Decals, www.kahlesoptic.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, 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, visited Oct. 16, 2003, 5 pgs.
 Leupold & Stevens Inc., Leupold 2003 Catalog; Nov. 2002, pp. 8, 9, 25 & 30.
 Bray, Dr. Derek, "ISEMD Course External Ballistics Trajectory Modeling", Cranfield University, <http://www.emes.cranfield.ac.uk/aaroxtra/isemdtrajmod.ppt>, visited Oct. 16, 2003, 23 pgs.
 Intelligation Systems Group, "What is Ballistic Coefficient and How Is It Calculated" Topic of the Month: Sep. 2001, www.loadammo.com/Topics/September01.htm, 3 pgs.
 Bercovitz, John; "Hatcher's Notebook—errata," 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&ht=en&ie=utf-8, visited Nov. 1, 2003, 4 pgs.
 Schmidt & Bender GmbH, "Rifle Scopes Built for the Demanding Needs of the Precision Sharpshooter," 3 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, visited Nov. 21, 2002, 2 pgs.
 Premier Reticles, Ltd., Mil-dot User Guide, 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.
 Sniper'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, 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. 29/298,772, filed Dec. 12, 2007.
 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.

* cited by examiner

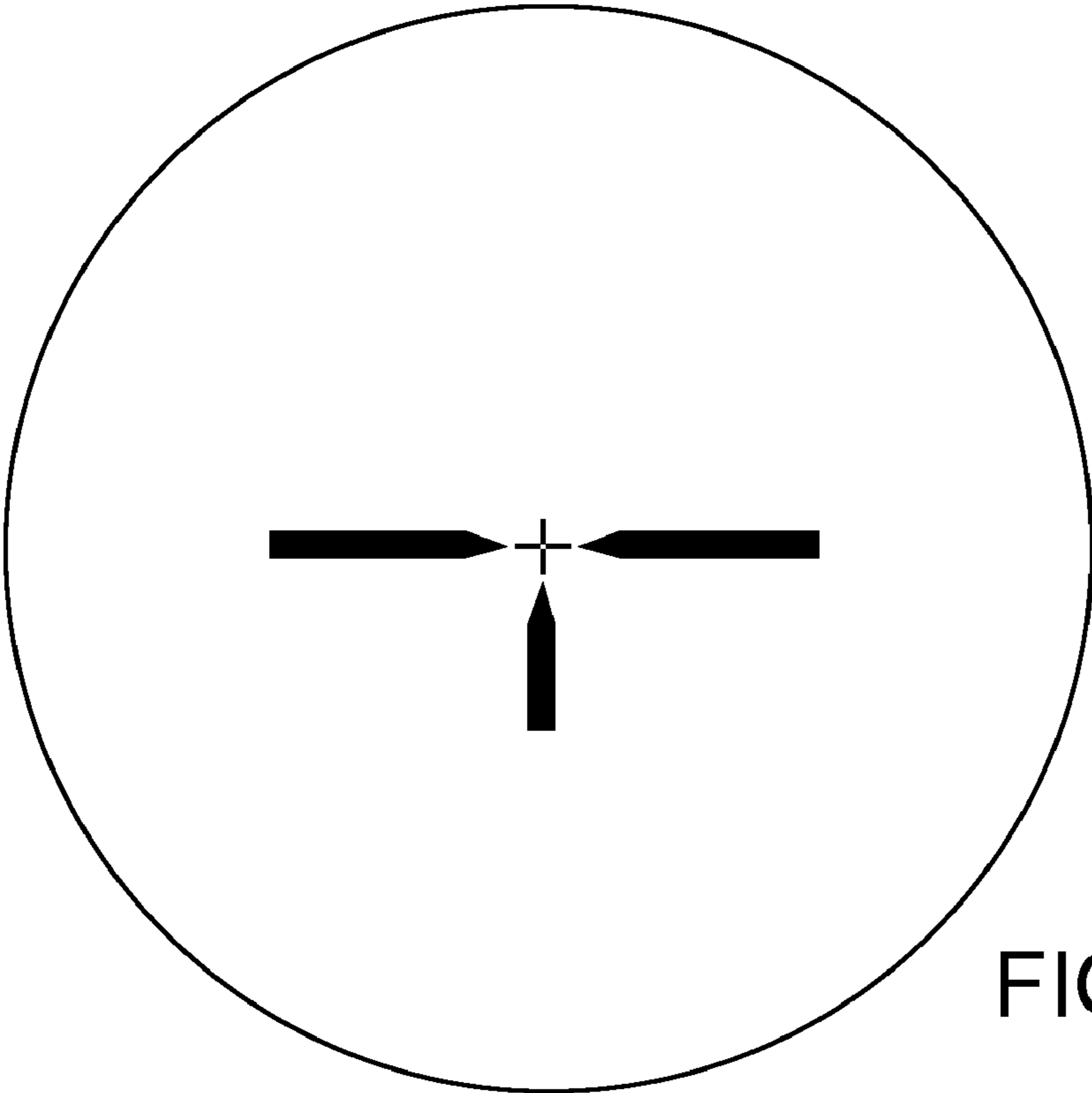


FIG. 1

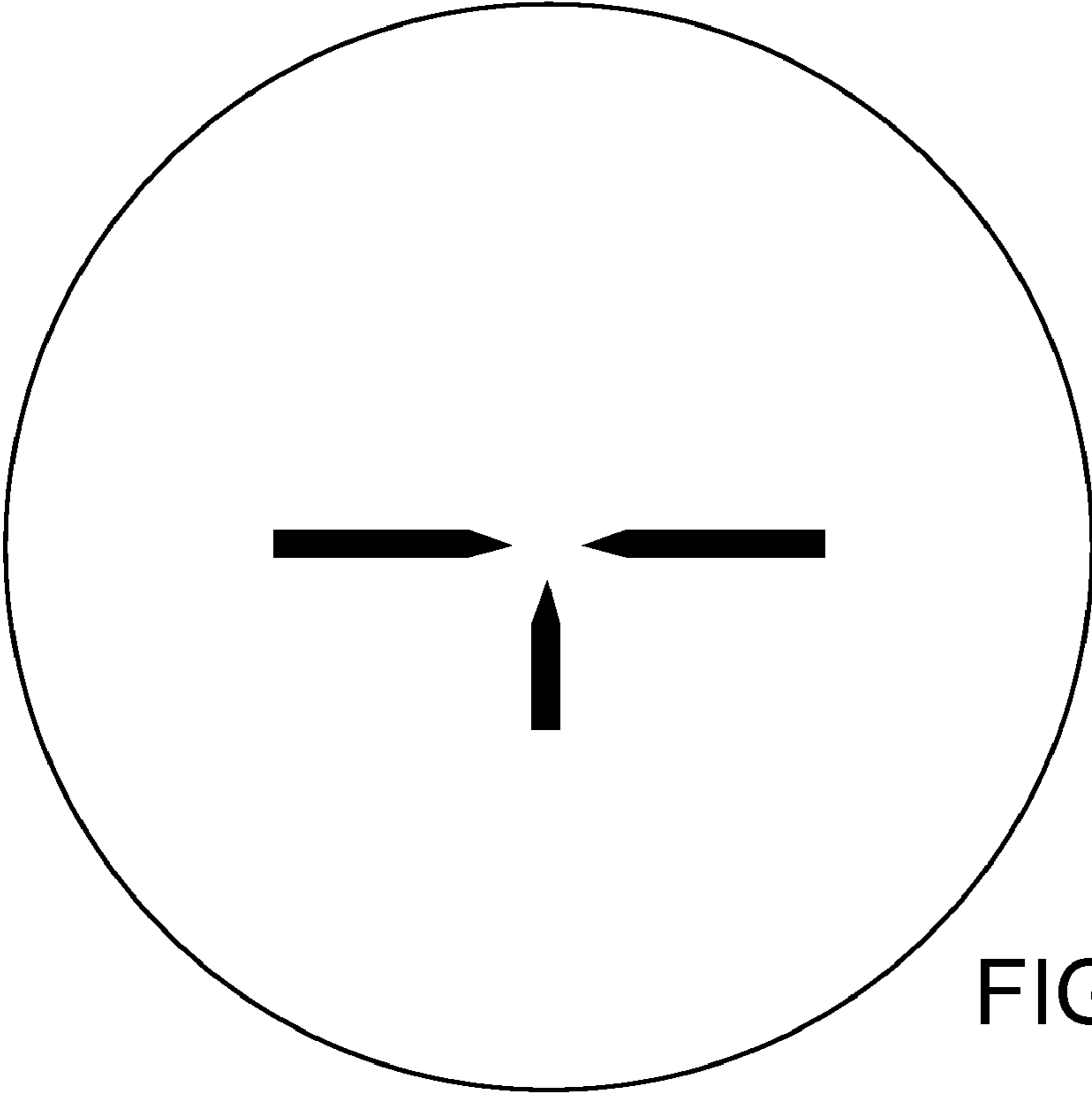


FIG. 2