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(12) **United States Patent**
Luth(10) Patent No.: **US 6,732,467 B1**(45) Date of Patent: **May 11, 2004**(54) **FLIP UP GUN SIGHT**(76) Inventor: **Randy E. Luth, 10944 147th Ave. SE.,
Becker, MN (US) 55308**(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.(21) Appl. No.: **10/602,165**(22) Filed: **Jun. 23, 2003**(51) Int. Cl.⁷ **F41G 1/00**(52) U.S. Cl. **42/138; 42/148**(58) Field of Search **42/128, 134, 138,
42/140, 148**(56) **References Cited****U.S. PATENT DOCUMENTS**

190,782 A	5/1877	Robbins	
358,747 A	3/1887	Orr et al.	
410,422 A	* 9/1889	Long	42/138
426,887 A	* 4/1890	West	42/140
462,475 A	* 11/1891	Dobbel	42/140
592,740 A	* 10/1897	Kennedy	42/138
658,709 A	9/1900	Fischer	
714,263 A	11/1902	Trotter	
835,112 A	11/1906	Pender et al.	
861,652 A	* 7/1907	Hawkins	42/136
937,244 A	* 10/1909	Kennedy	42/138
1,070,767 A	8/1913	Brauning	

1,316,391 A	9/1919	Scarr	
1,491,141 A	* 4/1924	Johnston	42/136
2,788,600 A	* 4/1957	Pokorny	42/138
2,939,217 A	6/1960	Hajek	
3,568,324 A	3/1971	Jorczak	
3,675,534 A	7/1972	Beretta	
3,969,827 A	* 7/1976	Ellis	42/136
4,689,910 A	9/1987	Choate et al.	
4,977,676 A	12/1990	Toupin	
5,142,806 A	9/1992	Swan	
5,533,292 A	7/1996	Swan	
5,577,326 A	* 11/1996	Montelin	42/113

* cited by examiner

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P.L.C.(57) **ABSTRACT**

Rifle front and rear flip up sights include a base member attached to the gun with a sight arm pivotally attached to the base member and being biased pivotally downwardly from one end of the base member while a support member is biased pivotally upwardly from the opposite end with the free ends of each engaging each other in a locked condition when both are in their raised positions. The sight arm allows the support arm to be pivoted downwardly under the sight arm with the downward bias of the sight arm holding the sight assembly in a locked lowered position.

8 Claims, 3 Drawing Sheets