SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

F41 WEAPONS

F41G WEAPON SIGHTS; AIMING (optical aspects thereof G02B)

1/00 **Sighting devices** (for indirect laying of fire F41G 3/16; bombsights F41G 3/24) **[1, 2006.01]**
1/01 • characterised by the visual combination effect of the respective geometrical forms of fore and rear sight (F41G 1/42 takes precedence) **[5, 2006.01]**
1/02 • Foresights **[1, 2006.01]**
1/027 • • with lens **[5, 2006.01]**
1/033 • • adjustable **[5, 2006.01]**
1/04 • • Protection means therefor **[1, 2006.01]**
1/06 • Rearsights **[1, 2006.01]**
1/08 • • with aperture **[1, 2006.01]**
1/10 • • with notch **[1, 2006.01]**
1/12 • • with line or mark other than notch **[1, 2006.01]**
1/14 • • with lens **[1, 2006.01]**
1/16 • • Adjusting mechanisms therefor; Mountings therefor **[1, 2006.01]**
1/17 • • • Convertible sights, i.e. sets of two or more sights brought into the sight line optionally **[5, 2006.01]**
1/18 • • • Clicking indicators with spring detents **[1, 2006.01]**
1/20 • • • coarse and fine **[1, 2006.01]**
1/22 • • • Friction clamps **[1, 2006.01]**
1/24 • • • rack-and-pinion; lever; linkwork **[1, 2006.01]**
1/26 • • • screw **[1, 2006.01]**
1/28 • • • wedge; cam; eccentric **[1, 2006.01]**
1/30 • Reflecting sights specially adapted for smallarms or ordnance (reflecting-sights in general G02B) **[1, 2006.01]**
1/32 • Night sights, e.g. luminescent **[1, 2006.01]**
1/34 • • combined with light source, e.g. spot light **[1, 2006.01]**
1/35 • • • for illuminating the target **[5, 2006.01]**
1/36 • • • with infra-red light source **[1, 2006.01]**
1/38 • Telescopic sights specially adapted for smallarms or ordnance (telescopic sights in general G02B); Supports or mountings therefor **[1, 2006.01]**
1/387 • • Mounting telescopic sights on smallarms **[5, 2006.01]**
1/393 • • Mounting telescopic sights on ordnance; Transmission of sight movements to the associated gun **[5, 2006.01]**
1/40 • Periscopic sights specially adapted for smallarms or ordnance (periscopic sights in general G02B); Supports or mountings therefor **[1, 2006.01]**
1/41 • • Mounting periscopic sights on smallarms **[5, 2006.01]**
1/42 • Tube sights; Bar sights **[1, 2006.01]**
1/44 • Spirit-level adjusting-means, e.g. for correcting tilt **[1, 2006.01]**
1/46 • for particular applications **[1, 2006.01]**
1/467 • • for bows **[5, 2006.01]**
1/473 • • for lead-indicating or range-finding, e.g. for use with rifles or shotguns **[5, 2006.01]**
1/48 • • for firing grenades from rifles **[1, 2006.01]**
1/50 • • for trench mortars **[1, 2006.01]**
1/52 • • for rifles or shotguns having two or more barrels, or adapted to fire different kinds of ammunition, e.g. ball or shot **[1, 2006.01]**
1/54 • Devices for testing or checking **[1, 2006.01]**

3/00 **Aiming means; Laying means** (sighting devices F41G 1/00; determining direction, distance or velocity by use of radio or other waves G01S; computers G06; aerials H01Q) **[1, 2006.01]**
3/02 • using an independent line of sight **[1, 2006.01]**
3/04 • for dispersing fire from a battery **[1, 2006.01]**
3/06 • with rangefinder (rangefinders per se G01C) **[1, 2006.01]**
3/08 • with means for compensating for speed, direction, temperature, pressure, or humidity of the atmosphere (measuring G01) **[1, 2006.01]**
3/10 • with means for compensating for canting of the trunnions **[1, 2006.01]**
3/12 • with means for compensating for muzzle velocity or powder temperature **[1, 2006.01]**
3/14 • Indirect aiming means **[1, 2006.01]**
3/16 • • Sighting devices adapted for indirect laying of fire **[1, 2006.01]**
3/18 • • Auxiliary target devices adapted for indirect laying of fire **[1, 2006.01]**
3/20 • • specially adapted for mountain artillery **[1, 2006.01]**
3/22 • for vehicle-borne armament, e.g. on aircraft **[1, 2006.01]**
3/24 • • Bombsights **[1, 2006.01]**
3/26 • Teaching or practice apparatus for gun-aiming or gun-laying **[1, 2006.01]**
3/28 • • Small-scale apparatus (relief models or maps G09B) **[1, 2006.01]**
3/30 • • Gun-laying apparatus **[1, 2006.01]**
3/32 • Devices for testing or checking **[1, 2006.01]**

5/00 **Elevating or traversing control systems for guns** (gun mountings permitting traversing or elevating movement, e.g. gun carriages, F41A 27/00; computers G06) **[1, 2006.01]**
5/02 • using only mechanical means for remote control **[1, 2006.01]**
5/04 • using hydraulic means for remote control **[1, 2006.01]**

5/06 • using electric means for remote control **[1, 2006.01]**
5/08 • Ground-based tracking-systems for aerial targets **[1, 2006.01]**
5/12 • acoustically influenced **[1, 2006.01]**
5/14 • for vehicle-borne guns **[1, 2006.01]**
5/16 • • gyroscopically influenced **[1, 2006.01]**
5/18 • • Tracking systems for guns on aircraft **[1, 2006.01]**
5/20 • • for guns on ships **[1, 2006.01]**
5/22 • • • to compensate for rolling or pitching **[1, 2006.01]**
5/24 • • for guns on tanks **[1, 2006.01]**
5/26 • Apparatus for testing or checking **[1, 2006.01]**

7/00 Direction control systems for self-propelled missiles (flight control B64C, G05D 1/00; self-propelled or guided missiles having direction control systems only installed aboard F42B 15/01; rocket torpedoes F42B 17/00; marine torpedoes or sea-mines having self-propulsion means F42B 19/00; locating by use of radio or other waves G01S; computing aspects G06) **[1, 2006.01]**

7/20 • based on continuous observation of target position **[3, 2006.01]**
7/22 • • Homing guidance systems **[3, 2006.01]**
7/24 • • Beam riding guidance systems (conical-scan beam beacons therefor G01S 1/42) **[3, 2006.01]**
7/26 • • • Optical guidance systems **[3, 2006.01]**
7/28 • • • Radio guidance systems **[3, 2006.01]**
7/30 • • Command link guidance systems **[3, 2006.01]**
7/32 • • • for wire-guided missiles **[3, 2006.01]**
7/34 • based on predetermined target position data **[3, 2006.01]**
7/36 • • using inertial references **[3, 2006.01]**

9/00 Systems for controlling missiles or projectiles, not provided for elsewhere [1, 2006.01]
9/02 • for bombing control (bombsights F41G 3/24) **[1, 2006.01]**

11/00 Details of sighting or aiming apparatus; Accessories [1, 2006.01]