



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : F41A 33/02, F41G 1/54, 3/32, 3/26	A1	(11) International Publication Number: WO 00/53993 (43) International Publication Date: 14 September 2000 (14.09.00)
(21) International Application Number: PCT/SE00/00442 (22) International Filing Date: 6 March 2000 (06.03.00) (30) Priority Data: 9900843-5 10 March 1999 (10.03.99) SE 9902670-0 9 July 1999 (09.07.99) SE (71) Applicant (for all designated States except US): SAAB TRAIN- ING SYSTEMS AB [SE/SE]; S-561 85 Huskvarna (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): ROBERTSSON, Hans [SE/SE]; Astronomgatan 10, S-554 48 Jönköping (SE). FREDRIKSSON, Arnold [SE/SE]; Vallmostigen 5, S-561 39 Huskvarna (SE). (74) Agent: LUNDMARK, Jan-Erik; SAAB AB, Patent Depart- ment, S-581 88 Linköping (SE).		(81) Designated States: AU, CA, CN, CZ, EE, IL, IN, JP, KR, LT, LV, MX, NO, NZ, PL, RU, SG, US, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: FIRING SIMULATOR (57) Abstract A device and a method for simulation (1) of firing by means of a weapon (2). The simulator is mounted onto a weapon with a sight (3), with the simulator arranged to emit an electromagnetic simulator beam exiting along a simulator axis (5). Furthermore, the simulator (1) is arranged to emit a visible alignment beam along an alignment axis (7) that has a fixed angular relationship to the aforementioned simulator axis (5). The simulator contains a means of adjustment to collectively control both of the aforementioned axes so that they maintain their fixed relative angular relationship during an alignment. The alignment beam may generate an alignment mark (9) which, when observed in the sight (3) of the weapon, indicates the error in alignment between the simulator axis (5) and the sight (3). This makes it possible for a firer easily to align the sighting axis to the simulator axis with the aid of the means of adjustment.		

