

⑫ **EUROPEAN PATENT APPLICATION**

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F 41 G 3/14

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⑤④ **Aircraft automatic boresight correction.**

⑤⑦ A system that determines the error existing between the aircraft gunsight and the gun systems, while prescribed aircraft maneuvers are performed, and automatically corrects the gunsight system to compensate for this error. The system includes a bullet sensor, such as a television camera (10), hardware that determines the bullet positions relative to the gun boresight, computational means (30) to determine the above mentioned error, and means to store (39) the error and correct the gunsight system according to this error. This system yields a lower cost, more accurate, and more convenient method requiring less skilled labor than that presently used to accomplish the same result.

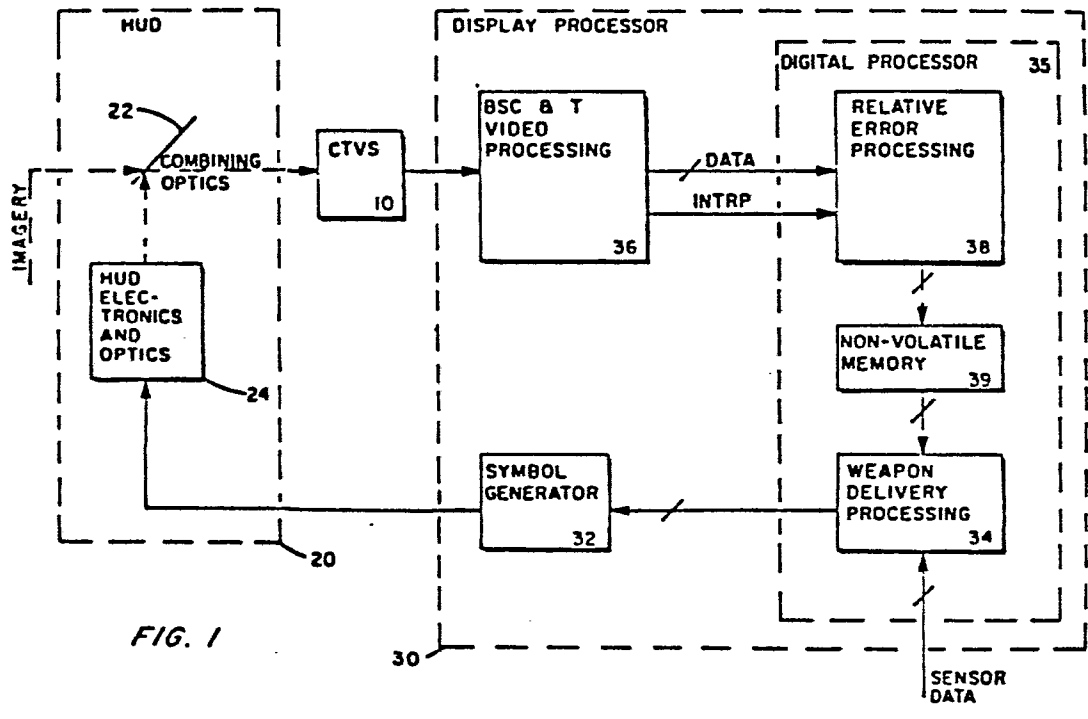


FIG. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 7)
A	FR-A-2 107 236 (HONEYWELL INC.) * Page 2, lines 3-26; page 3, line 2 - page 5, line 13; figures 1-3 *	1,4,8 11,15	F 41 G 5/18 F 41 G 3/14
A	--- US-A-4 015 258 (W.W. SMITH et al.) * Column 1, lines 7-60; column 2, line 8 - column 3, line 16; figures 1,3 *	1,3,7 11,15	
A	--- US-A-4 202 246 (C.W. SCHERTZ et al.) * Column 2, line 41 - column 3, line 12; column 7, line 18 - column 8, line 42; figure 8 *	1,2,7 11,15	
	-----		TECHNICAL FIELDS SEARCHED (Int. Cl. 7)
			F 41 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 06-12-1985	Examiner MARCHAU M. F.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	