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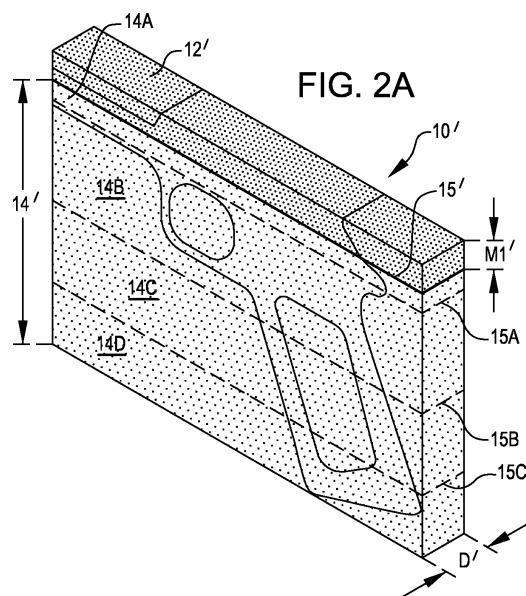
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(54) **Firearms and firearm components comprising bonded multi-metallic materials**

(57) Firearms and firearm components (16,16', 20,30A,30B,30C,50A,50B) are constructed from bonded multi-metallic base materials comprising at least two dissimilar metallic materials (12',14') having different properties, such as weight, density, wear resistance, durability, hardness, and the like, bonded to one another. The components (16,16',20,30A,30B,30C,50A,50B) are fabricated such that the metallic material having higher impact- and wear-resistance (12') is positioned at areas that experience impact, or that include bearing points, wear points, and interfaces with other components, while a lighter weight metallic material (14') is positioned at component locations that don't have rigorous material property requirements. The bonded multi-metallic materials (12',14') may be explosively bonded multi-metallic materials.





EUROPEAN SEARCH REPORT

Application Number
EP 11 17 1282

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X	US 5 935 351 A (SHERMAN ANDREW [US] ET AL) 10 August 1999 (1999-08-10) * abstract; figure * * column 5, line 12 - last line * * column 6, line 48 - line 65 * * column 8, line 39 - line 43 * -----	1,4-7, 10,13,14	
			TECHNICAL FIELDS SEARCHED (IPC)
			F41A F41C
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 22 April 2014	Examiner Schwingel, Dirk
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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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