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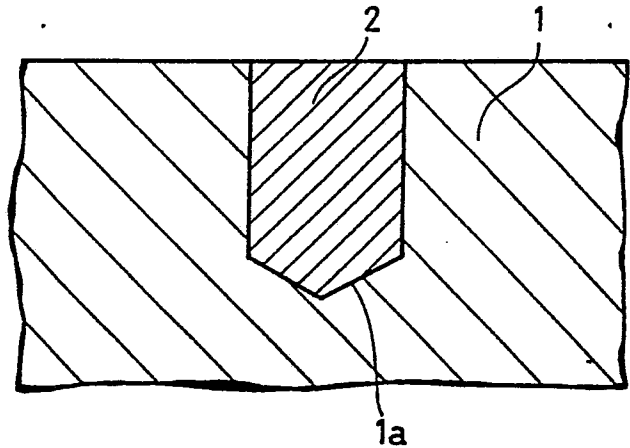
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54 Workpiece for a watchcase.

57 A workpiece for a watchcase comprises a worked part (2, 4) to be machined and a base part (1, 3) joined by diffused junction with the worked part (2, 4), which is prepared by a material being superior in machinability to that for the base part (1, 3).

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.4)
X	GB-A-2 094 034 (CITIZEN WATCH CO.) * Page 1, line 87 - page 2, line 69 * ---	1,2,5-7 ,13	G 04 B 37/22
A	GB-A-2 000 812 (NOBUO NISHIDA) * Page 1, lines 67-79 * ---	1-7	
A	CH-B- 656 146 (TOSHIBA TUNGALOY CO., LTD) * Page 3, column 1, lines 60-66 * ---	1,9	
P,A	PATENT ABSTRACTS OF JAPAN, vol. 11, no. 229 (C-436)[2676], 25th July 1987; & JP-A-62 40 357 (SEIKO INSTR & ELECTRONICS LTD) 21-02-1987 -----	1-3,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 04 B
The present search report has been drawn up for all claims			
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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	