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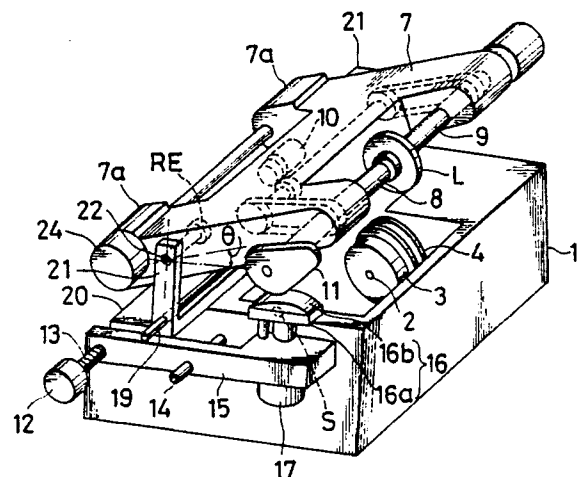
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54 **Lens grinding apparatus.**

57 In a lens grinding apparatus in which a lens held by a lens shaft of a swingable carriage body is ground by a V-edging grinder, the lens grinding apparatus of this invention is characterized in that a resilient member, the resilient force of which is adjustable by abutting force adjusting means, is interposed between the rear end portion of the carriage body and a carriage base, a swing down moment of the carriage is calculated with reference to the swing angle of the carriage when a roughly ground lens held between the lens shafts is abutted against the V-edging grinder and the abutting force adjusting means is drive controlled as such that a difference between the pivot down moment and the pivot down preventing moment by the spring becomes constant.

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)
A	DE-A-1 962 821 (TEXTRON INC.) * Figure 1; page 6, paragraph 4 - page 7, paragraph 1 *	1	B 24 B 9/14
A	FR-A-2 525 138 (KOKEN CO., LTD) * Figures 4,6; claim 1 *	1	
A	FR-A-2 555 929 (NIPPON KOGAKU K.K.)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 24 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15-10-1990	Examiner ESCHBACH D.P.M.
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	