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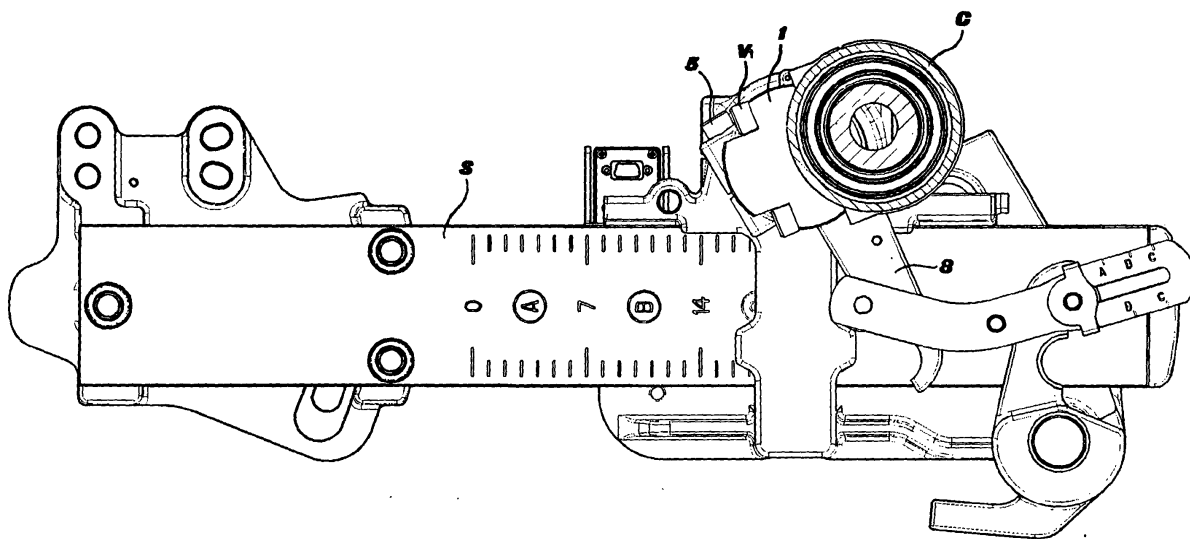
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(54) **Improved arrangement of a back rest for a weaving loom**

(57) The invention relates to an improved arrangement of a back rest, and to the corresponding loom, of the type comprising a back rest (C) - which carries the warp yarns (T) coming from a warp beam - mounted oscillating on a suspension mechanism and further provided with a sensor detecting the average tension of the warp yarns carried thereon, wherein said sensor is a torsional load cell located between said back rest (C) and the suspension mechanism.

cillating on a suspension mechanism and further provided with a sensor detecting the average tension of the warp yarns carried thereon, wherein said sensor is a torsional load cell located between said back rest (C) and the suspension mechanism.



**Fig.10**



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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
The Hague	23 November 2004	Van Gelder, P	
CATEGORY OF CITED DOCUMENTS		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	
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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