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(71) Applicant: **Lee, R. Clayton**
10369 Briar Forest
Houston Texas 77042(US)

Applicant: **Meredith, Jeffrey O.**
10818 Sagetrail Drive
Houston Texas 77089(US)

(72) Inventor: **Lee, R. Clayton**
10369 Briar Forest
Houston Texas 77042(US)
Inventor: **Meredith, Jeffrey O.**
10818 Sagetrail Drive
Houston Texas 77089(US)

(74) Representative: **Harrison, Philippa Dinah et al**
A. A. THORNTON & CO Northumberland
House 303-306 High Holborn
London WC1V 7LE(GB)

(54) **Treadmill with trampoline-like surface.**

(57) A treadmill with a trampoline-like surface provides an improved peripheral support which tensions the belt in both longitudinal and lateral directions using pairs of angularly oriented springs each pair extending from a roller bracket at an angle of, e.g., forty-five degrees (45°) to the lateral edge of the mat, connecting thereto at spaced apart positions. The improved spring support tensions the belt with both longitudinal and lateral (or transverse) load components.

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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)
Y,D	US-A-4 548 405 (LEE et al.) * Column 1, line 40 - column 2, line 5; column 3, lines 8-32; column 3, line 57 - column 4, line 30; figures 3-5,7,8 *	1-6,8- 10,19	A 63 B 23/06 A 63 B 5/18
Y	US-A-3 561 587 (SCHAUSTEN) * Column 2, lines 49-54; figure 3 *	1-6,8- 10,19	
Y	FR-A-1 332 093 (GARNIER) * Page 2, column 1, lines 12-18; figures 1-3 *	4	
A	US-A-4 204 673 (SPEER) * Column 1, lines 44-52; figure 1 *	17	
A	US-A-3 951 256 (GUREWITZ) * Figures 12,13 *	20	
A	FR-A-2 272 693 (WIBA) * Page 6, lines 15-23; figure 9 *	22	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A 63 B B 65 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17-05-1990	Examiner SCHOENLEBEN J.E.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	



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

X LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims 1,2-10,17-20,22,23: A treadmill having a frame, rails and roller brackets for a moving trampoline-like belt surface
2. Claims 1,11-16,21: A treadmill having a secondary surface under the belt surface
3. Claim 24: A treadmill without a moving trampoline-like belt surface

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims,

namely claims: 1,2-10,17-20,22,23