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(72) Inventors:
• **Minamitani, Norio**
Kanazawa-shi
Ishikawa-ken, 921-8650 (JP)
• **Myogi, Keiichi**
Kanazawa-shi
Ishikawa-ken, 921-8650 (JP)

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(71) Applicant: **TSUDAKOMA KOGYO KABUSHIKI
KAISHA**
Kanazawa-shi,
Ishikawa-ken 921-8650 (JP)

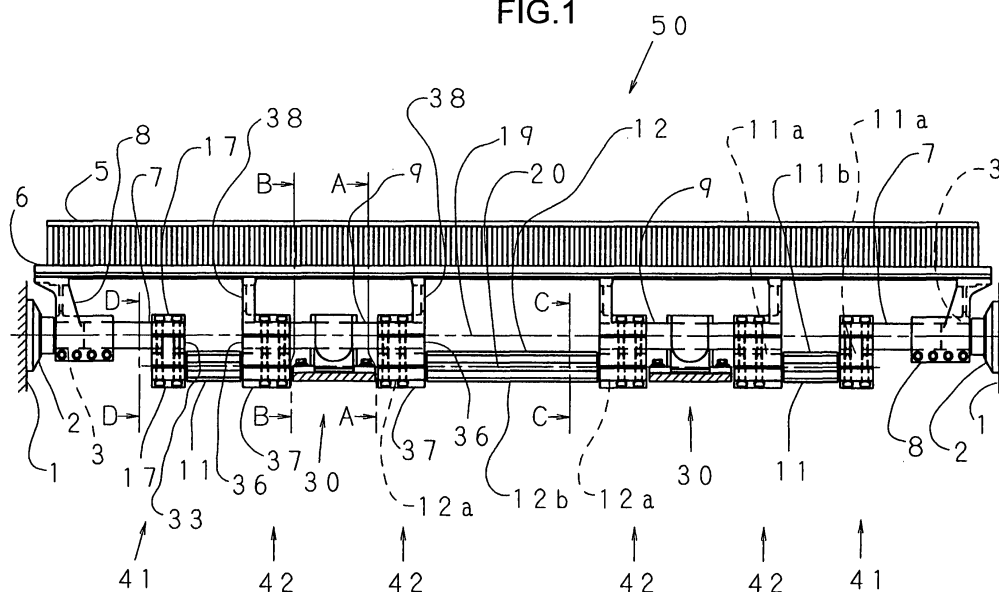
(74) Representative: **von Samson-Himmelstjerna,**
Friedrich et al
SAMSON & PARTNER
Widenmayerstrasse 5
80538 München (DE)

(54) **Beating device for loom**

(57) A beating device (50) for a loom includes a plurality of rocking shafts (7, 9) disposed distant from each other in a width direction of cloth to be woven by the loom; a balance shaft (11, 12) disposed farther away from a reed (5) than the rocking shafts and extending in said width direction, the balance shaft being disposed between the neighboring rocking shafts; and a pair of con-

nection units (41, 42) for respectively connecting two opposite ends of the balance shaft with ends of the neighboring rocking shafts. The balance shaft is non-circular in cross-section such that a rocking-direction flexural-rigidity of the balance shaft is greater than a flexural-rigidity of the balance shaft in a direction perpendicular to the rocking direction.

FIG.1





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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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Place of search		Date of completion of the search	Examiner
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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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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