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(71) Applicant (for all designated States except US): **FLEX-  
IDRILL LIMITED** [NZ/NZ]; 220 Lake Road, Takapuna,  
Auckland (NZ).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PFAHLERT, Roger**  
[NZ/NZ]; 118 Morgans Road, Timaru (NZ).

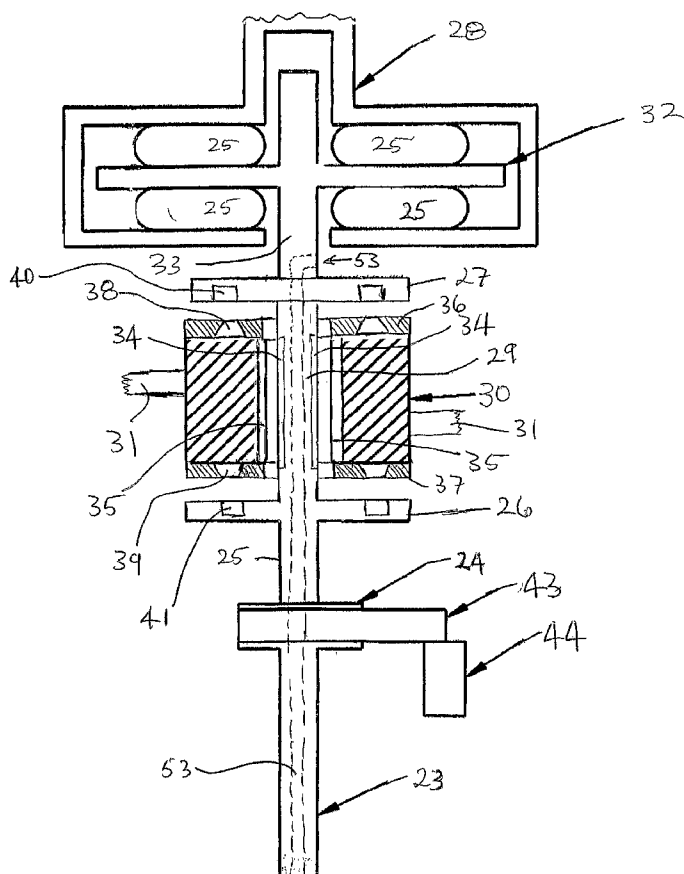
(74) Agents: **ADAMS, Matthew, D** et al.; A J Park, 6th Floor  
Huddart Parker Building, PO Box 949, Wellington, 6015  
(NZ).

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(54) Title: VIBRATIONAL APPARATUS



(57) Abstract: Vibrational apparatus capable of providing a vibrational output, said apparatus comprising or including an assembly having a shuttle capable of shuttling between complementary structures, at least one of which complementary structures provides the vibrational output, the arrangement being characterised in that there is a drive to rotate the shuttle and there are magnetic interactions between the rotating shuttle and the complementary structures such that interactions with each complementary structure, and the phasing of the complementary structures relative to the shuttle, alternating magnetic results in the shuttling movement of the shuttle.

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