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OKAMOTO, Masakatsu [JP/JP]; 2-44-13, Hijirigaoka, Tama-shi, Tokyo 206-0022 (JP).

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(74) Agents: **SUZUYE, Takehiko** et al.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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(71) Applicant (*for all designated States except US*):
TOSHIBA ELEVATOR KABUSHIKI KAISHA
[JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

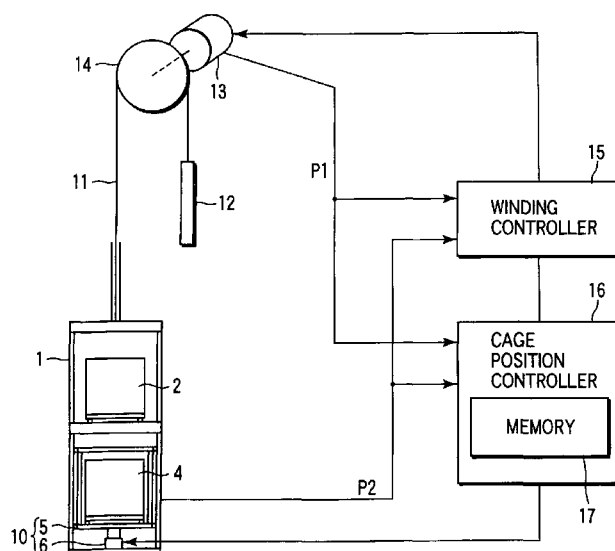
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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **FUJITA, Yoshiaki**
[JP/JP]; 205, Rekuseru-Mansion-Fuchu, 18-23, Hachimancho 2-chome, Fuchu-shi, Tokyo 183-0016 (JP).

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(54) Title: DOUBLE DECK ELEVATOR



(57) **Abstract:** A double deck elevator comprises a winding machine (13) which lifts up/down a cage frame (1) loaded with two cages (2, 4) in a vertical direction, a cage driving unit (10) which changes a relative distance between upper and lower cages, and a cage position controller (16) which starts an inter-cage distance adjustment operation of the cage driving unit almost at the same time when the winding machine is shifted from an acceleration operation to a constant velocity operation, and changes an operating velocity of the inter-cage distance adjustment operation corresponding to a destination floor almost at the same time when the winding machine changes from the constant velocity operation to a deceleration operation after the destination floor is determined, whereby completing the inter-cage distance adjustment operation almost at the same time when the winding machine stops.



WO 03/086932 A1