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(71) Applicant: Ricoh Company, Ltd
3-6, 1-chome Nakamagome
Ohta-ku Tokyo 143(JP)

(72) Inventor: **Kasahara, Nobuo**
80-46, Nakazawa-cho Asahi-ku
Yokohama-shi Kanagawa-ken(JP)
Inventor: **Nakahara, Toshio**
1185, Takada-cho Kohoku-ku
Yokohama-shi Kanagawa-ken(JP)

74 Representative: Dipl.-Ing. Schwabe, Dr. Dr.
Sandmair, Dr. Marx
Stuntzstrasse 16
D-8000 München 80(DE)

54. Device for driving a photoconductive element of an electrophotographic copier.

(57) A device for driving a photoconductive drum (70) of an electrophotographic copier and others is operable without the need for gears, a toothed belt and other transmission mechanisms. An outer roller type drive motor (80) is interposed between the drum (70) and a drum support shaft (76) such that an outer wheel portion of the motor drives the drum by way of an engaging member. Those members with which the body of the motor and that of the copier are engaged are made of a vibration-damping material. Tapered portions which are axially movable into and out of contact with each other are provided in a drive transmitting section with which an output portion of the motor and one end of the drum are engageable. Pressing means (100) for causing one end of the drum into contact with the outer wheel portion of the motor through the tapered portions is provided at the other end of the drum.

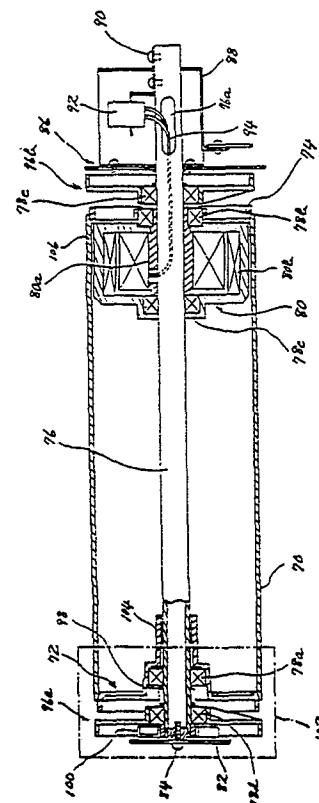


FIG. 4



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)
X	PATENT ABSTRACTS OF JAPAN, vol. 5, no. 196 (P-93)[868], 12th December 1981; & JP-A-56 117 267 (SANYO DENKI K.K.) 14-09-1981 * Abstract * ---	1,4	G 03 G 15/00
X	PATENT ABSTRACTS OF JAPAN, vol. 6, no. 53 (P-109)[931], 8th April 1982; & JP-A-56 167 152 (RICOH K.K.) 22-12-1981 * Abstract * ---	1	
A	PATENT ABSTRACTS OF JAPAN, vol. 6, no. 255 (P-162)[1133], 14th December 1982; & JP-A-57 151 955 (FUJI XEROX K.K.) 20-09-1982 ---	1,5	
A	PATENT ABSTRACTS OF JAPAN, vol. 9, no. 182 (P-376)[1905], 27th July 1985; JP-A-60 52 884 (CANON K.K.) 26-03-1985 ---	1,5	
A	PATENT ABSTRACTS OF JAPAN, vol. 6, no. 13 (P-99)[891], 26th January 1982; JP-A-56 137 361 (RICOH K.K.) 27-10-1981 ---	1,5	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	PATENT ABSTRACTS OF JAPAN, vol. 7, no. 228 (P-228)[1373], 8th October 1983; & JP-A-58 116 569 (TOKYO SHIBAURA DENKI K.K.) 11-07-1983 -----	1,10-12	G 03 G 15/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20-11-1989	Examiner CIGOJ P.M.
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			