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(54) **Mailing machine including sheet feeding and printing speed calibrating means.**

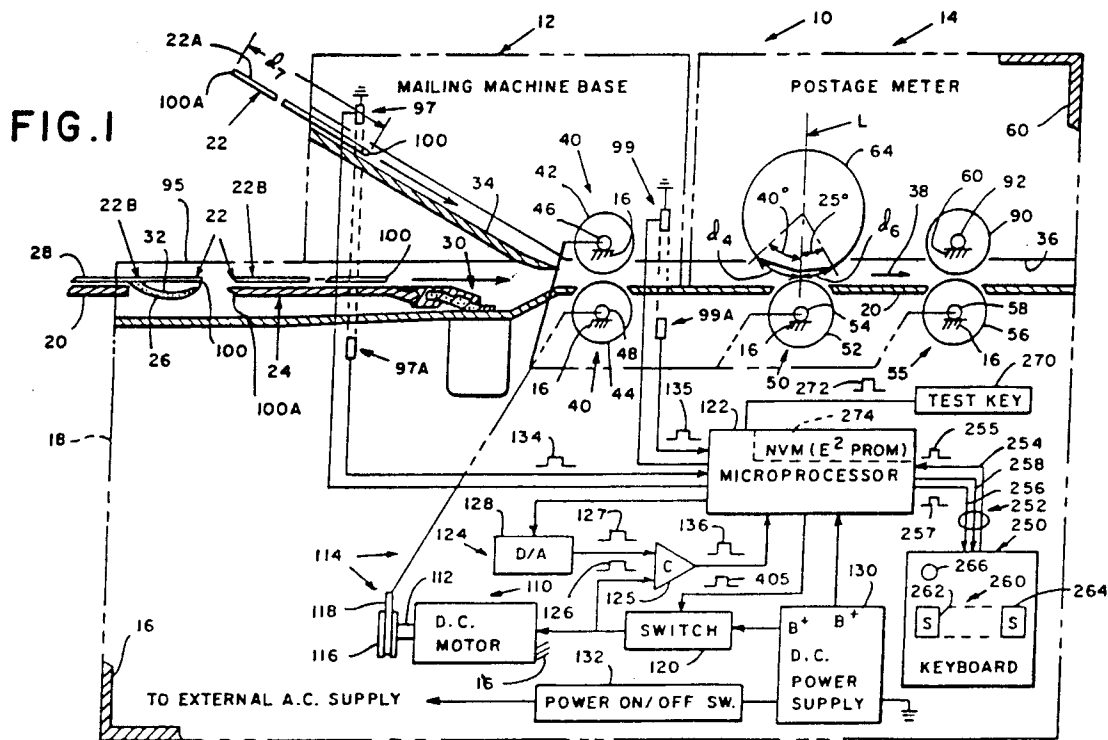
(57) A mailing machine base comprising, structure for feeding a sheet having a leading edge and a trailing edge in a path of travel, the sheet feeding structure including a roller, the sheet feeding structure including structure for driving the roller at a desired sheet feeding speed corresponding to a desired reference voltage, structure for controlling the sheet feeding structure, the controlling structure including a microprocessor connected to the roller driving structure, the controlling structure including structure for sequentially sensing the leading and trailing edges of the sheet in the path of travel and providing corresponding successive signals to the microprocessor, the sheet having a predetermined length from the leading edge to the trailing edge thereof; and the microprocessor programmed for providing a predetermined reference voltage corresponding to the desired sheet feeding speed, counting a time interval in response to receiving the successive leading and trailing edge signals, determining whether the counted time interval and the desired time interval are substantially equal, and storing the predetermined reference voltage as the

desired reference voltage if the counted and desired time intervals are substantially equal.

The mailing machine base may also comprise a postage meter mounted on the base, the postage meter including a rotary postage indicia printing drum, the base including structure for driving the drum at a desired constant indicia printing speed corresponding to a desired reference voltage, the base including structure for controlling the postage printing drum, the controlling structure including a microprocessor connected to the drum driving structure, the controlling structure including structure for sequentially sensing a commencement and a completion of constant printing speed of the drum and providing corresponding successive signals to the microprocessor, the microprocessor programmed for providing a predetermined reference voltage corresponding to the desired drum printing speed, counting a time interval in response to receiving the successive constant speed commencement and completion signals, determining whether the counted time interval and the desired time interval are substantially equal, and storing the predetermined refer-

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ence voltage as the desired reference voltage if the counted and desired time intervals are substantially equal.





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EUROPEAN SEARCH REPORT

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EP 93 30 1416

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.5)
X A	US-A-4 638 732 (SALAZAR ET AL) * column 4, line 12 - line 46; claim 1; figure 1 * ---	1,12 2-11, 13-23	G07B17/02 G07B17/00
A	US-A-4 882 989 (NOBILE) * claim 1; figure 2 * ---	1-23	
A,D	US-A-4 864 505 (MILLER ET AL) * claim 1; figure 7 * ---	1-23	
A	US-A-4 630 813 (WATANABE ET AL) * column 3, line 56 - column 4, line 14; claim 1; figure 2 * ---	1-23	
A	EP-A-0 177 048 (PITNEY BOWES ET AL) * claim 1; figure 1 * ---	1-23	
A,D	US-A-4 774 446 (SALAZAR ET AL) * column 3, line 30 - line 58; claim 1; figure 1 * -----	1-23	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			G07B G07C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 January 1995	Examiner Kirsten, K
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			