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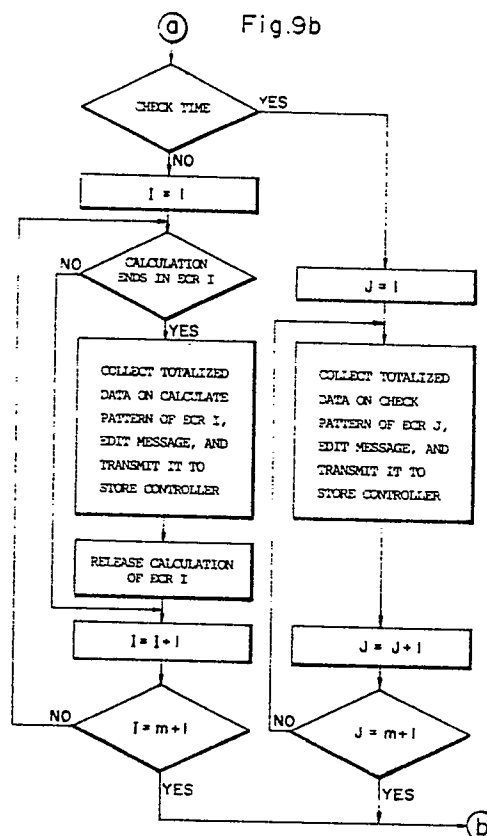
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54 **Pos terminal group management device.**

57 In a transaction processing system including a plurality of POS terminal devices (cash registers) (12), a POS terminal group management device (cluster controller) (11) and a sales management device (store controller) (13), only necessary totalized data are transmitted from the POS terminal devices to the sales management device through the POS terminal group management device in accordance with totalization pattern information, thus increasing efficiency and speed of sales information processing.





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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. 6, no. 53, 8th April 1982; & JP-A-56 166580 (SHARP K.K.) 21-12-1981 * Abstract * ---	1,2	G 07 G 1/14
A	GB-A-1 177 020 (RANDOING et al.) * Claims 1-10; page 1, lines 11-85; figures 1-10 * ---	1-3	
A	US-A-4 425 619 (MATSUDA et al.) * Abstract; column 1, lines 1-58; column 2, line 8 - column 3, line 12; figure 1; claims 1-4 * ---	1-2	
A	US-A-4 319 326 (UCHIDA) * Abstract; figures 1-5; column 1, line 25 - column 2, line 25; claims 1-6 * ---	1	
A	US-A-4 186 439 (SHIMURA et al.) * Whole document * ---	1,2	
A	US-A-3 596 256 (FELCHECK et al.) * Abstract; column 1, line 1 - column 3, line 52; column 4, line 32 - column 18, line 39; claims 1-11; figures 1-7 * -----	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4) G 07 G G 06 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 01-08-1989	Examiner GUIVOL, O.
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			