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[54] ESTIMATION OF BASELINE, LINE SPACING AND CHARACTER HEIGHT FOR HANDWRITING RECOGNITION

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[52] **U.S. Cl.** **382/46**; 382/13

[58] **Field of Search** 382/13, 9, 46, 41, 44

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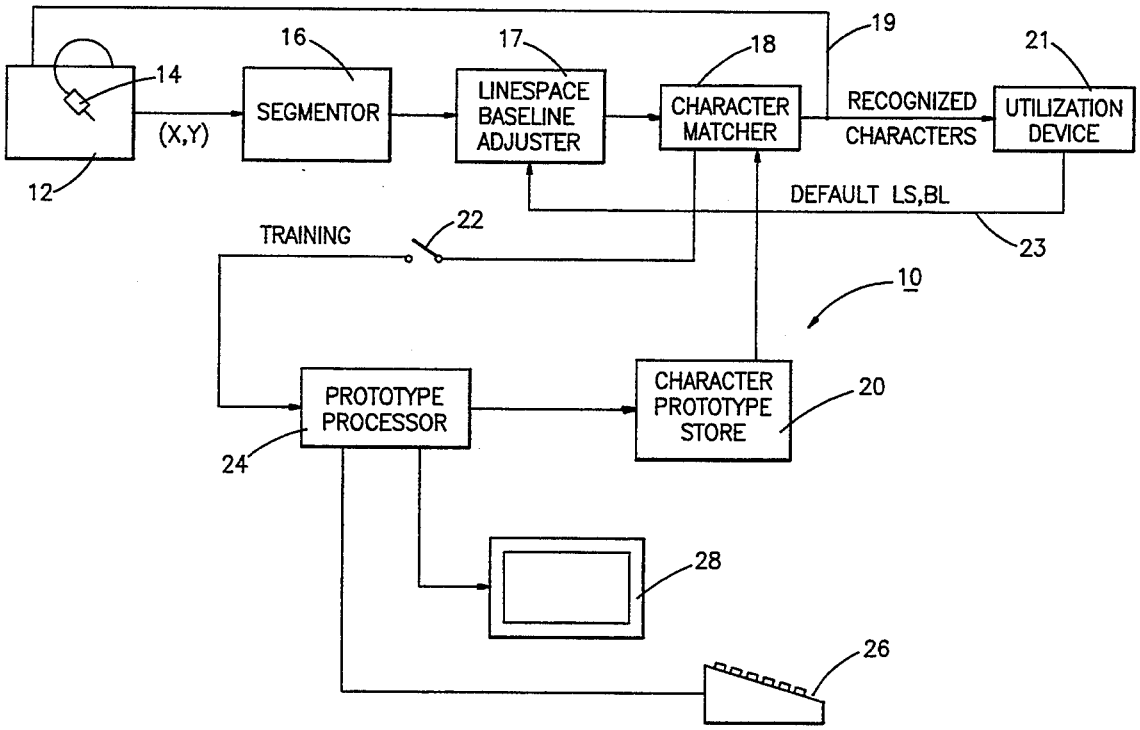
[57] **ABSTRACT**

A line space baseline adjuster in a handwriting recognition system achieves improved recognition accuracy by normalizing the Cartesian coordinates of the writings captured by a digitizer to coincide with prototype character space. The normalization techniques include weighted average estimation, prototype extraction estimation, extreme point clustering estimation and a combination of prototype extraction estimation and extreme point clustering estimation.

6 Claims, 8 Drawing Sheets