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Pirim

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(54) **METHOD AND DEVICE FOR AUTOMATIC VISUAL PERCEPTION**

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(51) **Int. Cl.**⁷ **G06F 15/18; G01R 23/10; G06K 9/00**

(52) **U.S. Cl.** **706/20; 702/78; 382/133**

(58) **Field of Search** **706/20; 702/78; 382/133**

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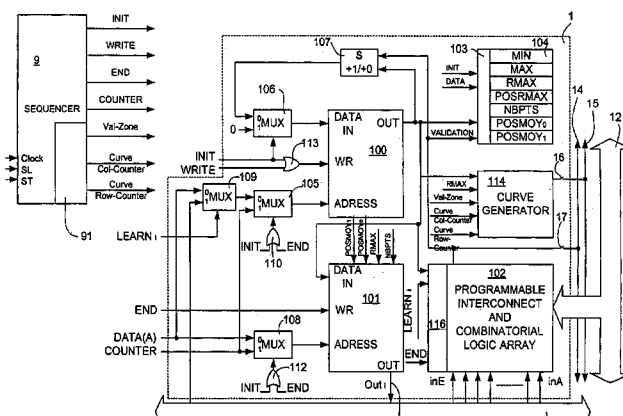
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(57) **ABSTRACT**

A visual perception processor comprises histogram calculation units, which receive the data DATA(A), DATA(B), . . . DATA(E) via a single data bus and supplying classification information to a single time coincidences bus. In a preferred embodiment the histogram calculation units are organized into a matrix.

29 Claims, 31 Drawing Sheets



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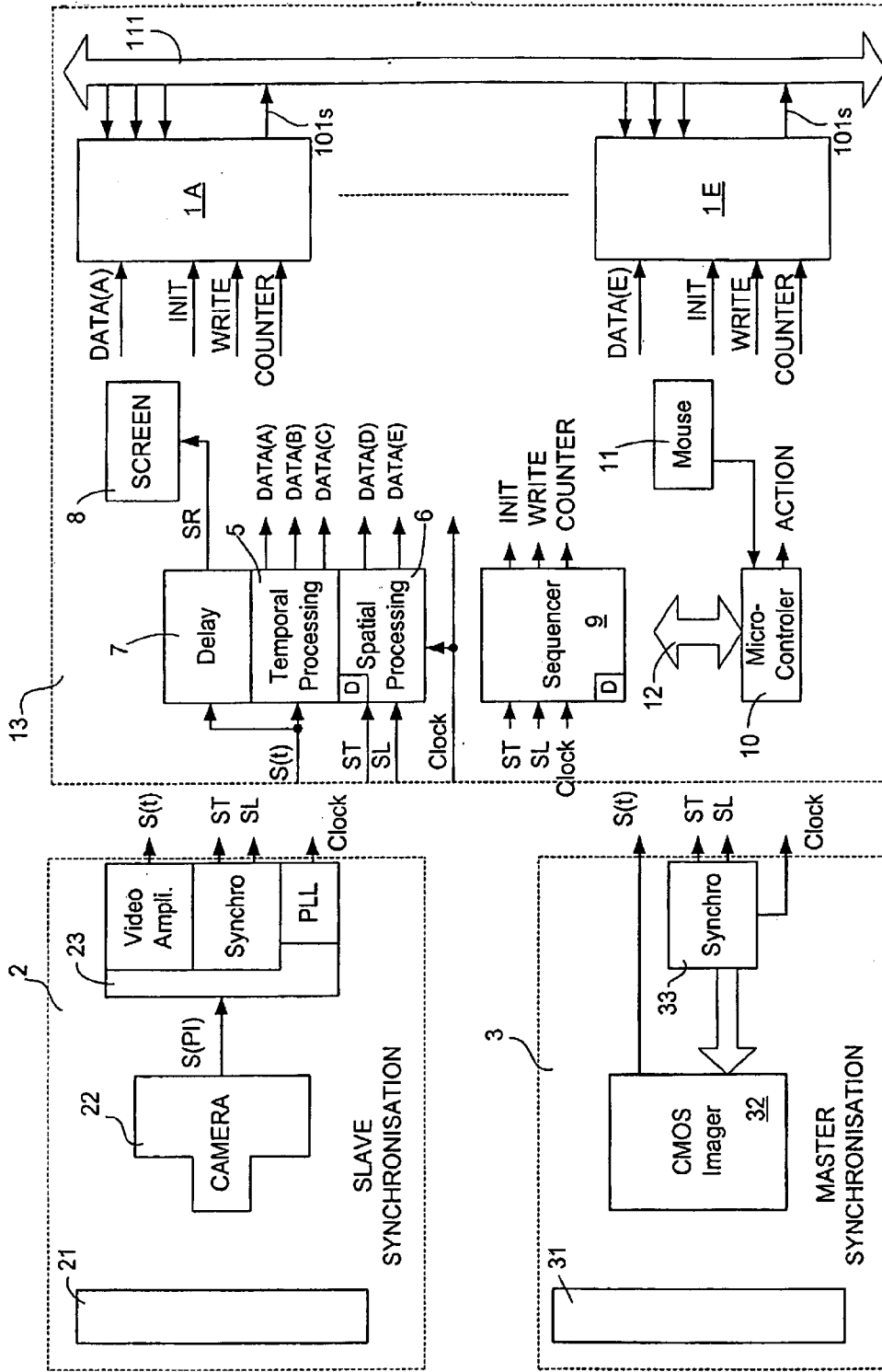


FIG. 1 PRIOR ART

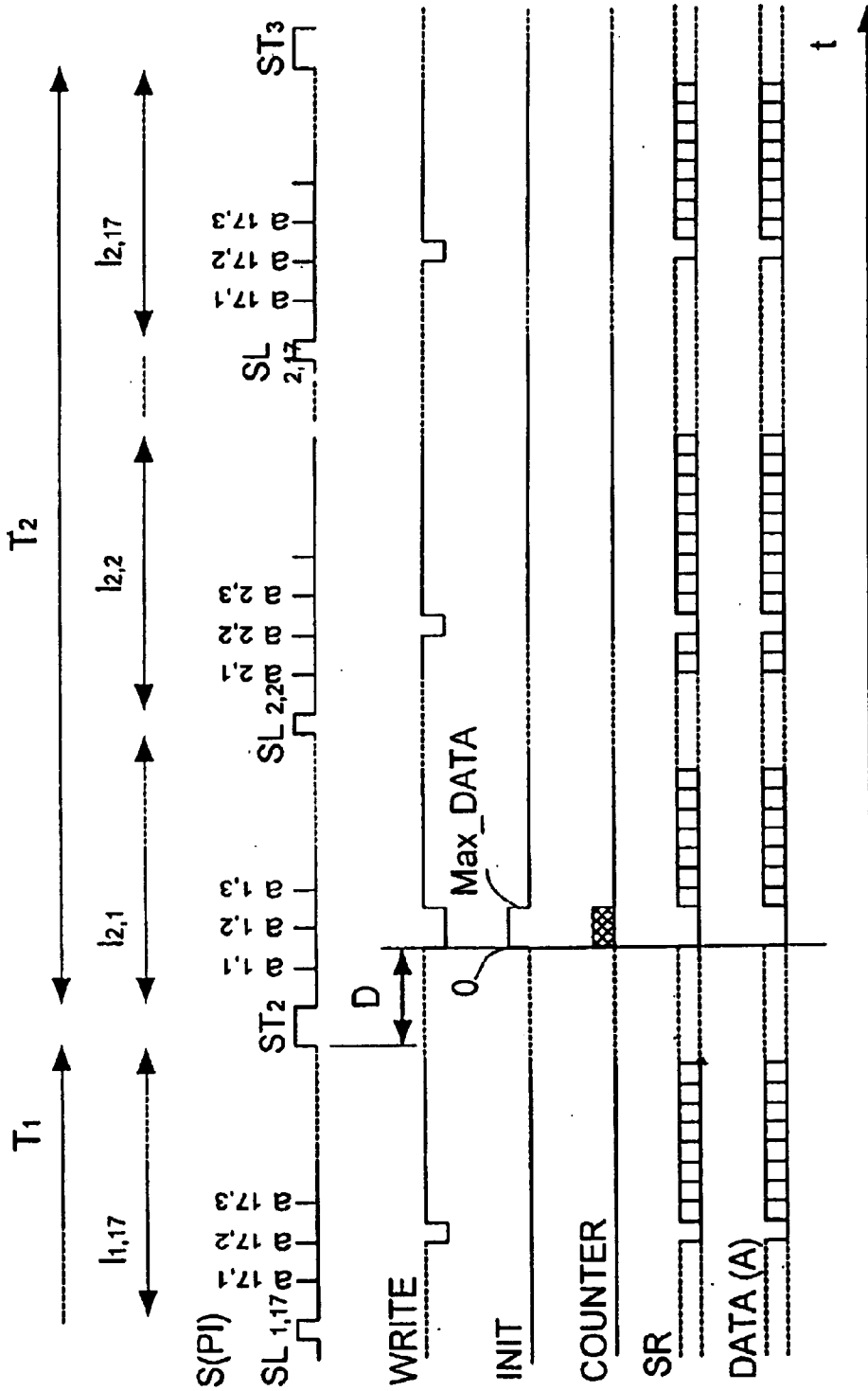


FIG. 2

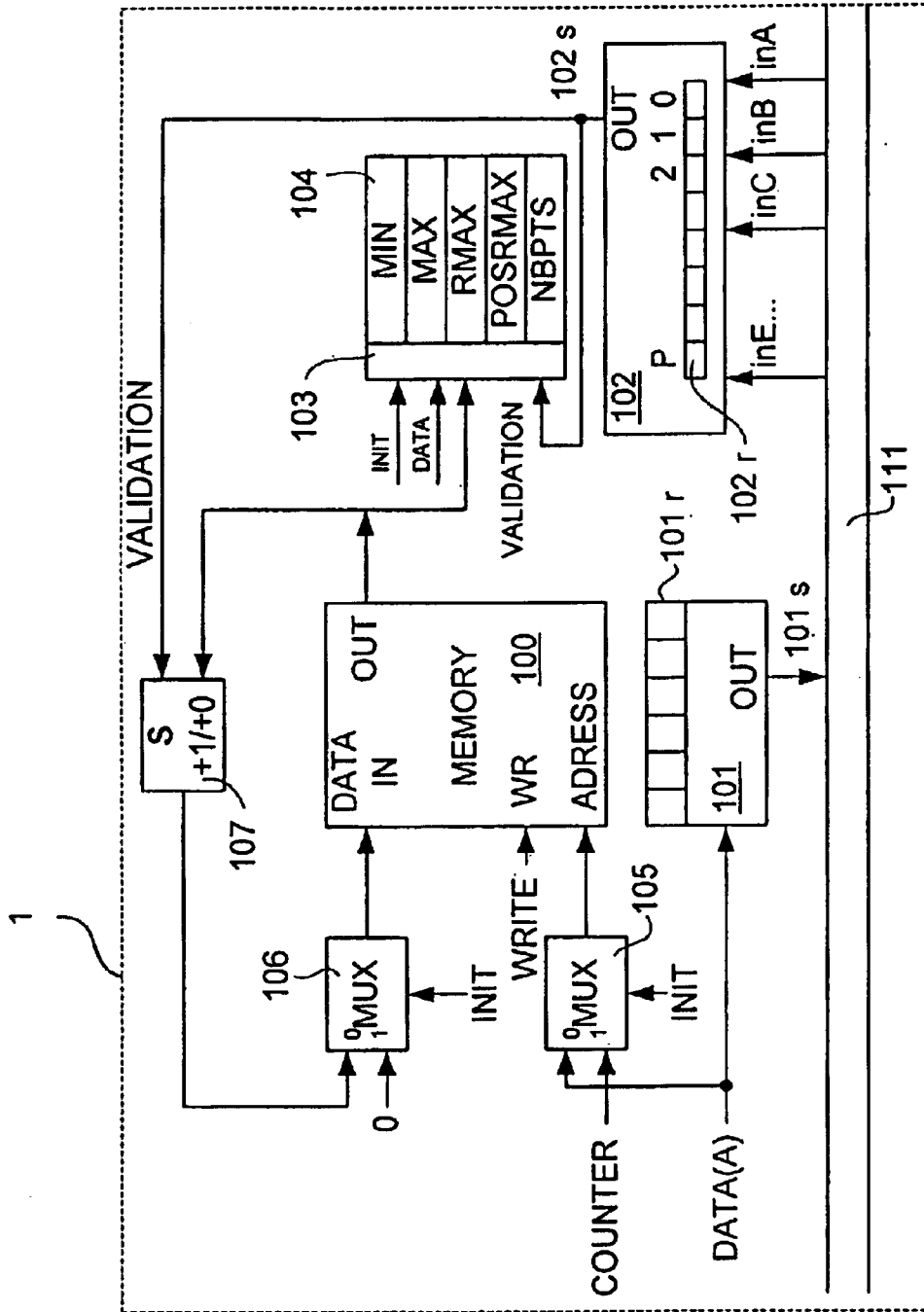


FIG. 3

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