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(54) Title: MOTILE CELL ANALYSIS

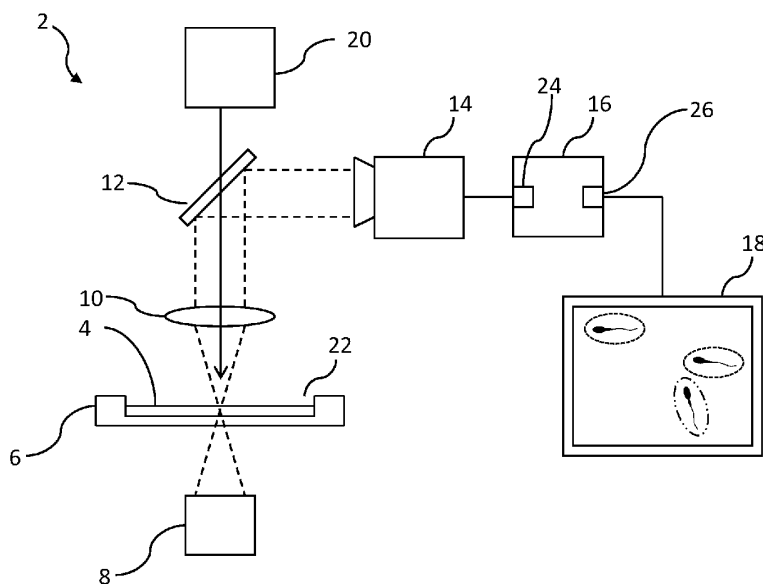


Figure 1

(57) Abstract: A system (2) for analysing a sample comprising a motile cell (900) comprising at least a head portion (902). The system comprises an input interface (24) arranged to receive image data comprising a time series (100) of images (102, 104, 106) of the sample. The system further comprises a processing apparatus (16) arranged to determine one or more morphological parameters of the cell and to determine a motion trace of the head portion of the cell. The processing apparatus is arranged to use the one or more morphological parameters of the cell and the motion trace of the head portion of the cell to determine a quality metric for the cell.

[Continued on next page]

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