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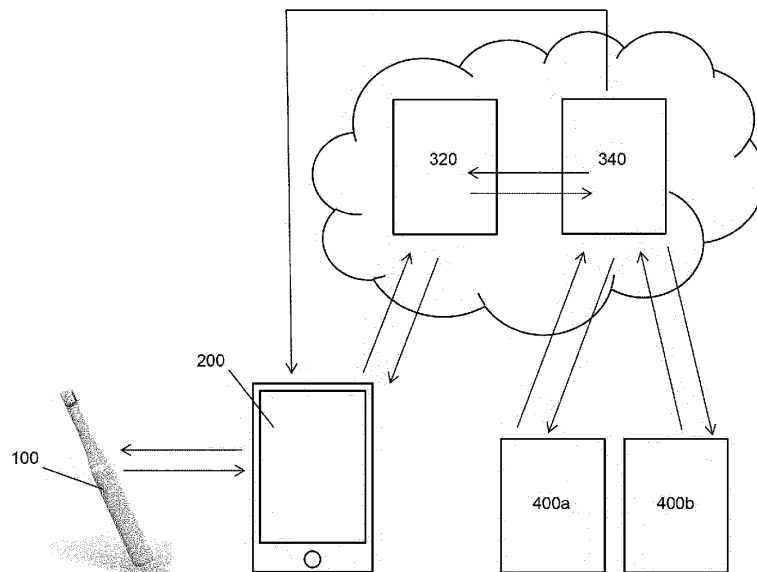


Fig. 7

(57) Abstract: A system for imaging teeth and identifying a status of said teeth comprises: a transillumination device (100) including a light source configured to transilluminate a tooth and a digital camera configured to capture one or more images of the transilluminated tooth; a smart device (200); and a remote server including a machine learning algorithm configured to identify a status of the tooth based on one or more images of the tooth captured by the transillumination device. The transillumination device is arranged to send captured images of the tooth to the smart device and the smart device is configured to select and send one or more of the captured images to the remote server.

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