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Lazzouni et al.

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(54) **PRODUCT AUTHENTICATION USING BARCODE CHARACTERISTICS**

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(Continued)

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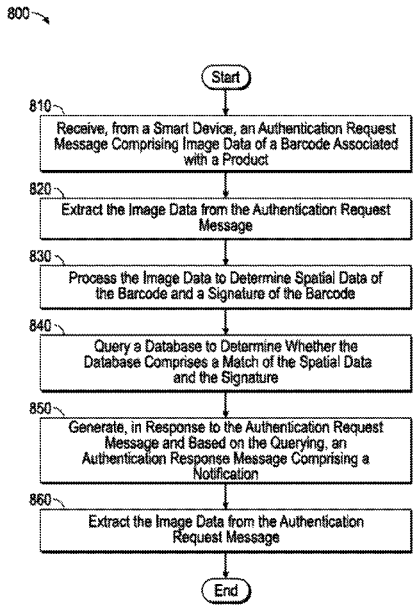
(57) **ABSTRACT**

An apparatus comprising: a memory; and a processor coupled to the memory and configured to: obtain an image of a barcode from a product, wherein the barcode comprises a signature; obtain a notification associated with authentication of the product based on the signature; and provide the notification as an audio, a video, or a combination of audio and video. A method comprising: obtaining a smart device; coupling a scanner system to the smart device; obtaining a product comprising a barcode; scanning, using the scanner system, the barcode to obtain an image of the barcode, wherein the barcode comprises a signature; and obtaining, using the smart device and based on the signature, a notification associated with authentication of the product.

20 Claims, 12 Drawing Sheets