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Badawi

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(54) **DRY EYE TREATMENT SYSTEMS**

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See application file for complete search history.

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(57) **ABSTRACT**

Dry eye treatment apparatus and methods are described herein which generally comprise a patch or strip affixed to the skin of the upper and/or lower eyelids to deliver heat or other forms of energy, pressure, drugs, moisture, etc. (alone or in combination) to the one or more meibomian glands contained within the underlying skin. The treatment strip or strips include one or more strips configured to adhere to an underlying region of skin in proximity to one or both eyes of a subject such that the one or more strips allow for the subject to blink naturally without restriction from the one or more patches. Moreover, the one or more strips may be configured to emit energy to the underlying region of skin and where the one or more strips are shaped to follow a location of one or more meibomian glands contained within the underlying region of skin.

33 Claims, 21 Drawing Sheets

