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**Katsuyama**

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(54) **EXPERIMENTAL ANIMALS FOR EVALUATION OF THERAPEUTIC EFFECTS ON CORNEAL EPITHELIAL DAMAGES**

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(52) **U.S. Cl.** ..... **800/9**  
(58) **Field of Classification Search** ..... None  
See application file for complete search history.

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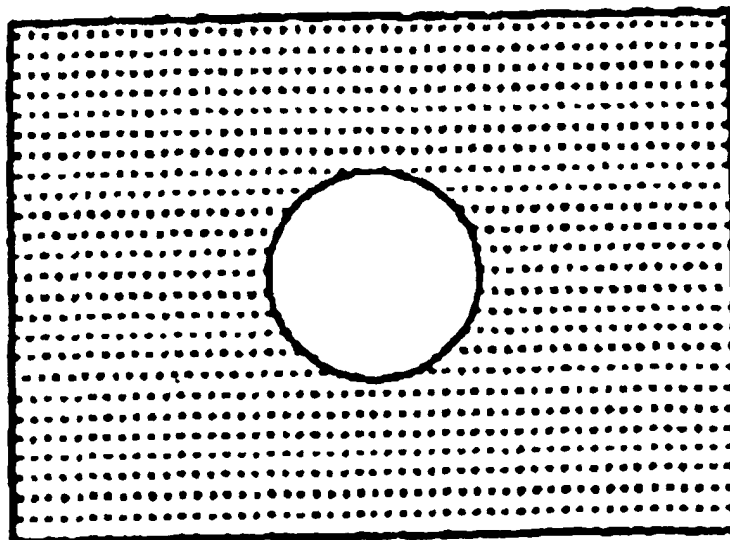
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(57) **ABSTRACT**

This invention provides experimental animals suffering corneal epithelial damages, such as dry eye, and methods of using the same to assay a variety of compounds for evaluating the therapeutic effect on the disease, and medicine selected using the method, wherein the corneal epithelial damage is induced by the steps of: using a water-absorbing material having a physical state selected from powder, solution, gel, jelly and tablet, and contacting the absorbing materials with the ocular cornea to generate a difference in osmotic pressure between the inside and outside of ocular corneal epithelium cells.



**1**  
**INTER PARTES**  
**REEXAMINATION CERTIFICATE**  
**ISSUED UNDER 35 U.S.C. 316**

THE PATENT IS HEREBY AMENDED AS  
INDICATED BELOW.

**2**  
AS A RESULT OF REEXAMINATION, IT HAS BEEN  
DETERMINED THAT:

5 Claims 1-28 are cancelled.

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