

EYECARE PATENT GRANTS

Medical technologies group Norwood Abbey Ltd [ASX:NAL] advises that a further Eyecare patent has been granted.

The granted patent for the Russian Federation is patent number 2330637. The owner of the patent is FOS Holdings S.A. (LU) and the inventors are Ioannis Pallikaris and Harilaos Ginis .

The issued patent is one of the key Eyecare patents, entitled “A device for separation of the epithelial layer from the surface of the cornea of the eye”.

This invention is associated with the field of ophthalmology and relates to the construction of the device for separation of the epithelial layer of the surface of the cornea of the eye as well as the method of the separation of the epithelial layer of the surface of the cornea of the eye.

The device includes a separator having an edge to remove the epithelial layer as the separator moves across the eye. The edge includes a thickness thicker than the thickness of at least one epithelial cell and less thick than the thickness of the epithelial layer. The device can also be used with a polymer film that adheres to the epithelial layer with the necessary level of hydration.

The device provides mechanical separation of the epithelial layer of the surface of the cornea of the eye without the use of chemicals, so that the shape and integrity of the separated epithelial layer is preserved.

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