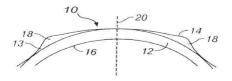
Orthokeratology (Ortho-K) Correct Your Eyesight While You Sleep



Dr. Berke Awarded 4th US Patent For Custom Ortho-K Lens Designs

1/50/0514/558R2

| | Unite Berke | d States Patent | (10) Patent No.: US 10,514,558 B2 (45) Date of Patent: Dec. 24, 2019 | |
|-------------------------------|--|---|---|--|
| (54) | ORTHOKERATOLOGICAL LENS-EYE SYSTEM FOR STROMAL REMODELING | | USPC 351/159.23, 219, 161, 160 R. 160 H. 177, 351/247, 246 See application file for complete search history. | |
| (71) | | William Berke, Santa Ana, CA (US) William Berke, Santa Ana, CA (US) | (56) References Cited | |
| (*) | Notice: | Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 89 days. | U.S. PATENT DOCUMENTS 6.582,077 B1* 6/2003 Table G02C 7/647 2011/0285958 A1* 11/2011 Blerke G02C 7/647 3311/59/76 | |
| (21) | Appl. No. | 15/613,046 | * cited by examiner | |
| (22) (65) | Piled: | Jun. 2, 2017 Prior Publication Data | Primary Examiner — Ite Lei (74) Attorney, Agent, or Firm — Sheppard Mullin Richter & Hampton LLP | |
| Related U.S. Application Data | | ated U.S. Application Data | (57) ABSTRACT An orthokeratological contact lens includes a treatment zone extending rathalfly outward from a center point and return and alignment zones extending radially outward from the | |
| (60) (51) | Provisional application No. 62/365,320, filed on Jul. 21, 2016. Int. Ct. 6022. 294 (2006.01) 6022. 294 (2006.01) 6.5. Ct. 6027. 2947 (2013.01), 6027. 7827 (2015.01), 6027. 7932 (2013.01), 6027. 7827 (2015.01), 6027. 7932 (2013.01), 6027. 6027 (2015.01), 6027. 7932 (2013.01), 6027. 6027 (2015.01), 6027. 7932 (2013.01), 6027. 6027 (2015.01), 6027. 7934 (2013.01), 6027. 6027 (2015.01), 6027. 7934 (2013.01), 6027. 6027 (2015.01), 6027. 7934 (2013.01), 6027. 6027 (2015.01), 6027. 7934 (2015.01), 6027. 6027 (2015.01), 6027. 602 | | and angulated robes executing financy convoided term and hopertraphy volume between the lear and the corners when Deportraphy volume between the lear and the corners when hopertraphy volume between the lear and the corners when is shaped hased on a torque two between the collagest British because it is support from the regard contract lear standard with the corner when the right contract lear standard with the corner when the right contract lear makes contact with the corner when the right contract lear makes contact with the corner when the right contract being based on a difference between a first are length being based on a difference between the right are learned to the corner when the right contract learned to the corners are length determined when no local to applied to the corners | |
| (52) | | | | |
| (58) | | | | |
| | | | 9 Claims, 10 Drawing Sheets | |



One-Lens-One-Eye®

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Ortho-K is the non-surgical, FDA approved, overnight contact lens wear procedure that eliminates the need for glasses or daytime contacts.

If you are unable to wear contacts due to dry eyes or allergies; if you dislike glasses or contacts or you can't wear them comfortably at your job or hobby environment; if you would like to swim, ski, surf or do any sport or recreation without needing daytime corrective lenses; or you are not desirous or ready for refractive surgery, then you will love Ortho-K.

Dr. Berke is unique and passionate about Ortho-K and has designed and patented his tailor-made lenses and method of fitting just for your eyes. They hold the moniker *One-Lens-One-Eye*® and are custom fit like no other!

See clearly all day and do any of the things you would like to do without the need for glasses, contacts or refractive laser surgery.

Be yourself and open doors to your life's potential and passion.

- Stop the progression of myopia up to 85% of the time!
- Give kids better vision for life
- Reduce future eye health problems
- Gentle, Safe, Effective & FDA Approved