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**Tang et al.**

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(54) **OPTICAL IMAGE CAPTURING SYSTEM**

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See application file for complete search history.

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 67 days.

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(57) **ABSTRACT**

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An optical image capturing system, from an object side to an image side, comprises a first, second, third, fourth, fifth, and sixth lens elements. The first lens element with refractive power has a convex object-side surface. The second through fifth lens elements have refractive power and both of an object-side surface and an image-side surface of the four lens elements are aspheric. The sixth lens with negative refractive power has a concave object-side surface. Both of the image-side and object-side surfaces of the six lens elements are aspheric and at least one of the two surfaces has inflection points. Each of the six lens elements may have refractive power. When specific conditions are satisfied, the optical image capturing system can have a better optical path adjusting ability to acquire better imaging quality.

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**25 Claims, 24 Drawing Sheets**

