

(12) **INTER PARTES REVIEW CERTIFICATE** (2969th)

**United States Patent**  
**Shabtay et al.**

(10) **Number:** **US 9,538,152 K1**  
(45) **Certificate Issued:** **Jan. 17, 2023**

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(54) **HIGH RESOLUTION THIN  
MULTI-APERTURE IMAGING SYSTEMS**

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The results of IPR2018-01133 are reflected in this inter partes review certificate under 35 U.S.C. 318(b).

**INTER PARTES REVIEW CERTIFICATE**  
**U.S. Patent 9,538,152 K1**  
**Trial No. IPR2018-01133**  
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AS A RESULT OF THE INTER PARTES  
REVIEW PROCEEDING, IT HAS BEEN  
DETERMINED THAT:

Claims 1-4 are cancelled.

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