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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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ALIGN TECHNOLOGY, INC.  
Petitioner

v.

3SHAPE A/S  
Patent Owner

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Case No. IPR2019-00118  
Patent 9,962,244

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**PATENT OWNER'S PRELIMINARY RESPONSE TO THE PETITION  
FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 9,962,244**

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CERTIFICATE OF FILING AND SERVICE

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