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BEFORE THE PATENT TRIAL AND APPEAL BOARD

ALIGN TECHNOLOGY, INC.
Petitioner

V.

3SHAPE A/S Patent Owner

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

DECLARATION OF DR. CHANDRAJIT L. BAJAJ, PH.D. IN SUPPORT OF *INTER PARTES* REVIEW OF U.S. PATENT NO. 9,962,244

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		2. [1.1]: "a multichromatic light source configured for providing a multichromatic probe light for illumination of the object."	58



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3.	[1.2]: "a color image sensor comprising an array of image sensor pixels for capturing one or more 2D images of light received from said object"		
4.	opera]: "wherein the focus scanner is configured to te by translating a focus plane along an optical axis focus scanner"	60
5.	opera image such	e): "wherein the focus scanner is configured to te bycapturing a series of the 2D images, each 2D to of the series is at a different focus plane position that the series of captured 2D images forms a stack images"	61
6.	surfac senso	el: "a data processing system configured to derive be geometry information for a block of said image r pixels from the 2D images in the stack of 2D es captured by said color image sensor"	62
7.	[1.4.b]: "the data processing system also configured to derive surface color information for the block of said image sensor pixels from at least one of the 2D images used to derive the surface geometry information"		65
8.	confi	1.5.a]: "wherein the data processing system further is onfigured to combining [sic] a number of sub-scans to enerate a digital 3D representation of the object"	
9.	point objec	[1.5.b]: "determining [sic] object color of a least one point of the generated digital 3D representation of the object from sub-scan color of the sub-scans combined to generate the digital 3D representation"	
10.	_	[1.5.c]: "such that the digital 3D representation expresses both geometry and color profile of the object"	
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