

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ALIGN TECHNOLOGY, INC.
Petitioner

v.

3SHAPE A/S
Patent Owner

Case IPR2022-00144
U.S. Patent RE48,221

**PETITION (1 of 2) FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. RE48,221**

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	(a) [33.P]/[1.P]/[19.P]: A scanning system for scanning a 3D environment, the scanning system comprising:.....	15
	(b) [33.1]/[1.1]/[19.1]:a handheld device including an optical scanner, wherein the 3D environment to be scanned is selected by pointing the optical scanner at the 3D environment.....	15
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	(c) [33.2]/[1.2]/[19.2]: at least one display remotely connected to the handheld device.....	17
	(d) [33.3.1]/[1.3.1]: wherein the handheld device is adapted for performing at least one scanning action in a physical 3D environment,.....	17
	(e) [33.3.2]/[1.3.4]/[19.3.2]: and the at least one display is adapted for visually representing the physical 3D environment.....	18

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(f) [33.4]/[1.4]-[1.5]/[19.3.3], [19.5]: wherein the handheld device includes at least one motion sensor for remotely controlling the display to adjust the view with which the 3D environment is represented on the display.....	18
(g) [33.5]/[1.6]/[19.7]: wherein the at least one motion sensor is an accelerometer, gyro, or magnetometer.....	19
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