UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD
MEDIVIS, INC. Petitioner

Paper No.____

v.

NOVARAD CORP.
Patent Owner

US Patent No. 11,004,271

Inter Partes Review No. IPR2023-00042

DECLARATION OF PETER KAZANZIDES, Ph.D.



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			(a)	"A method for augmenting real-time, non- image actual views of a patient with three- dimensional (3D) data" (Preamble of Claims 1, 7, and 11)	29	
			(b)	"identifying 3D data for the patient, the 3D data including an outer layer of the patient and multiple inner layers of the patient" ("identifying" step of Claims 1, 7, and 11)	30	
			(c)	"displaying, in an augmented reality (AR) headset, one of the inner layers of the patient from the 3D data projected onto real-time, non-image actual views of the outer layer of the patient" ("displaying inner layer[]" step of Claims 1, 7, and 11)	31	



		(d)	the projected inner layer of the patient from the 3D data being confined within a volume of a virtual 3D shape" ("confined" limitation of Claim 1)	33
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		(b)	Claim 6: "One or more non-transitory computer-readable media storing one or more programs that are configured, when executed, to cause one or more processors to perform the method as recited in claim 1."	36
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	1.		osure with respect to Claims 1-6	
		(a)	Claim 1 limitations including "the projected inner layer of the patient from the 3D data being confined within a volume of a virtual 3D shape"	
		(b)	Claim 2: "The method of claim 1, wherein: the virtual 3D shape is a virtual box; and the virtual box includes a top side, a bottom side, a left side, a right side, a front side, and a back side."	39
		(c)	Claim 3: "The method of claim 1, [3a] wherein: the virtual 3D shape is configured to be controlled to toggle between displaying and hiding lines of the virtual 3D shape; and [3b] the virtual 3D shape is configured to be controlled to reposition two-dimensional (2D) slices and/or 3D slices of the projected inner layer of the patient from the 3D data."	39



	(d)	Claim 4: "The method of claim 1, wherein lines of the virtual 3D shape are displayed."	40
	(e)	Claim 5: "The method of claim 1, wherein lines of the virtual 3D shape are hidden."	40
	(f)	Claim 6: "One or more non-transitory computer-readable media storing one or more programs that are configured, when executed, to cause one or more processors to perform the method as recited in claim 1"	40
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	(b)	Claim 20: "One or more non-transitory computer-readable media storing one or more programs that are configured, when executed,	



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		(a)	Claim 2: "The method of claim 1, wherein: the virtual 3D shape is a virtual box; and the virtual box includes a top side, a bottom side, a left side, a right side, a front side, and a back side."	55		
		(b)	Claim 3: "The method of claim 1, [3a] wherein: the virtual 3D shape is configured to be controlled to toggle between displaying and hiding lines of the virtual 3D shape; and [3b] the virtual 3D shape is configured to be controlled to reposition two-dimensional (2D) slices and/or 3D slices of the projected inner layer of the patient from the 3D data."	55		
		(c)	Claim 4: "The method of claim 1, wherein lines of the virtual 3D shape are displayed."	56		
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