

**UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF MICHIGAN
SOUTHERN DIVISION**

SOLMETEX, LLC,

Plaintiff/Counter-Defendant,

Case No. 1:24-cv-00954-RJJ-MV

v.

Hon. Robert J. Jonker

ASCENTCARE DENTAL PRODUCTS,
INC.,

Defendant/Counter-Plaintiff.

**SOLMETEX'S PRELIMINARY PROPOSED CLAIM CONSTRUCTIONS AND
IDENTIFICATION OF EXTRINSIC EVIDENCE**

Exhibit A – Solmetex’s Proposed Constructions and Extrinsic Evidence

I. The ‘969 Patent

Term (Patent, Claim)	Proposing Party	Solmetex’s Construction	Preliminary Disclosure of Extrinsic Evidence
<p>“wherein the protrusions of the bridge structure protrude from the interior surface of the second wall toward the first wall in a wave shape comprising one or more crests and one or more troughs” (‘969 Patent, Claim 19)</p>	<p>Solmetex</p>	<p>the protrusions of the bridge structure protrude from the interior surface of the second wall toward the first wall in an arrangement forming a pattern of curved surfaces between the one or more crests and the one or more troughs</p>	<p>Declaration of Dr. Charles Garris and all evidence cited therein (“Garris Decl.”)</p> <p>SOLMETEX_0029756 (Merriam-Webster dictionary definition for “wave”)</p> <p>SOLMETEX_0029703 (Cambridge dictionary definition for “wave”)</p> <p>SOLMETEX_0029775 (American Heritage dictionary definition for “wave”)</p> <p>SOLMETEX_0029718 (Merriam-Webster dictionary definition for “crest”)</p> <p>SOLMETEX_0029671 (Cambridge dictionary definition for “crest”)</p> <p>SOLMETEX_0029769 (American Heritage dictionary definition for “crest”)</p> <p>SOLMETEX_0029742 (Merriam-Webster dictionary definition for “trough”)</p> <p>SOLMETEX_0029693 (Cambridge dictionary definition for “trough”)</p>

			<p>SOLMETEX_0029773 (American Heritage dictionary definition for “trough”)</p> <p>SOLMETEX_0010756 (Ascentcare’s Petition in IPR2025-01020)</p> <p>SOLMETEX_0011362 (Declaration of Dr. Brian Black in IPR2025-01020)</p>
“crests” (‘969 Patent, Claim 19)	Solmetex / Ascentcare	points away from the second wall that serve as contact points against the first wall during suction	<p>Garris Decl.</p> <p>SOLMETEX_0029718 (Merriam-Webster dictionary definition for “crest”)</p> <p>SOLMETEX_0029671 (Cambridge dictionary definition for “crest”)</p> <p>SOLMETEX_0029769 (American Heritage dictionary definition for “crest”)</p>
“troughs” (‘969 Patent, Claim 19)	Solmetex / Ascentcare	points nearest to the second wall that create the gaps between the crests that allow for the transfer of fluids during suction	<p>Garris Decl.</p> <p>SOLMETEX_0029742 (Merriam-Webster dictionary definition for “trough”)</p> <p>SOLMETEX_0029693 (Cambridge dictionary definition for “trough”)</p> <p>SOLMETEX_0029773 (American Heritage dictionary definition for</p>

			“trough”)
“main body portion” (‘969 Patent, Claim 19)	Ascentcare	Plain and ordinary meaning	Garris Decl. SOLMETEX_0010756 (Ascentcare’s Petition in IPR2025-01020) SOLMETEX_0011362 (Declaration of Dr. Brian Black in IPR2025-01020)
“pocket” (‘969 Patent, Claim 19)	Ascentcare	Plain and ordinary meaning	Garris Decl. SOLMETEX_0029733 (Merriam-Webster dictionary definition for “pocket”) SOLMETEX_0029698 (Cambridge dictionary definition for “pocket”) SOLMETEX_0010756 (Ascentcare’s Petition in IPR2025-01020) SOLMETEX_0011362 (Declaration of Dr. Brian Black in IPR2025-01020)
“an interior space” (‘969 Patent, Claim 19)	Ascentcare	Plain and ordinary meaning	Garris Decl. SOLMETEX_0010756 (Ascentcare’s Petition in IPR2025-01020) SOLMETEX_0011362 (Declaration of Dr. Brian Black in IPR2025-01020)

<p>“a second wall having a shape that corresponds to the shape of the first wall, the shape of the second wall defined by one or more corresponding edges along one or more corresponding sides” (‘969 Patent, Claim 19)</p>	<p>Ascentcare</p>	<p>Plain and ordinary meaning</p>	<p>Garris Decl.</p> <p>SOLMETEX_0029748 (Merriam-Webster dictionary definition for “wall”)</p> <p>SOLMETEX_0029698 (Cambridge dictionary definition for “wall”)</p> <p>SOLMETEX_0029667 (Cambridge dictionary definition for “correspond”)</p> <p>SOLMETEX_0029767 (American Heritage dictionary definition for “correspond”)</p> <p>SOLMETEX_0010756 (Ascentcare’s Petition in IPR2025-01020)</p> <p>SOLMETEX_0011362 (Declaration of Dr. Brian Black in IPR2025-01020)</p>
<p>“bridge structure” (‘969 Patent, Claim 19)</p>	<p>Ascentcare</p>	<p>Plain and ordinary meaning, except as construed as part of the phrase “wherein the protrusions of the bridge structure protrude from the interior surface of the second wall toward the first wall in a wave shape comprising one or more crests and one or more troughs”</p>	<p>Garris Decl.</p> <p>SOLMETEX_0010756 (Ascentcare’s Petition in IPR2025-01020)</p> <p>SOLMETEX_0011362 (Declaration of Dr. Brian Black in IPR2025-01020)</p>
<p>“an interior surface of the second wall” (‘969 Patent, Claim 19)</p>	<p>Ascentcare</p>	<p>Plain and ordinary meaning</p>	<p>Garris Decl.</p> <p>SOLMETEX_0010756 (Ascentcare’s Petition in IPR2025-01020)</p>