

# EXHIBIT 15

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IN THE UNITED STATES DISTRICT COURT  
WESTERN DISTRICT OF TEXAS  
WACO DIVISION

GENTEX CORPORATION and	)
INDIGO TECHNOLOGIES, LLC,	)
	) Case No.
Plaintiffs,	) 6:21-cv-00755-ADA
	)
THALES VISIONIX, INC.,	)
	)
Involuntary	)
Plaintiff,	)
	)
v.	)
	)
FACEBOOK, INC. and FACEBOOK	)
TECHNOLOGIES, LLC,	)
	)
Defendants.	)
_____	)

REMOTE PROCEEDINGS OF THE  
VIDEOTAPED DEPOSITION OF JOSEPH LAVIOLA, PH.D.,  
WEDNESDAY, MARCH 30, 2022

REPORTED BY NANCY J. MARTIN  
CSR. NO. 9504, RMR, RPR

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Involuntary	)
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v.	)
	)
FACEBOOK, INC. and FACEBOOK	)
TECHNOLOGIES, LLC,	)
	)
Defendants.	)
_____	)

- - -  
WEDNESDAY, APRIL 30, 2022  
- - -

Videotaped Deposition of JOSEPH LAVIOLA, PH.D.,  
beginning at 9:00 a.m., before Nancy J. Martin, a  
Registered Merit Reporter, Certified Shorthand  
Reporter. All parties appeared remotely.



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I N D E X

TESTIMONY OF JOSEPH LAVIOLA	PAGE
BY MR. GLUCOFT	6

E X H I B I T S

NUMBER	DESCRIPTION	MARKED
Exhibit 1	DECLARATION OF JOSEPH J. LAVIOLA JR./REGARDING CLAIM CONSTRUCTION, 110 pages	11
Exhibit 2	US 6,922,632 B2, 40 pages	23
Exhibit 3	US 6,757,068 B2, 16 pages	23
Exhibit 4	AgileSLAM: A Localization Approach for Agile Head Movements in/Augmented Reality, 6 pages	42
Exhibit 5	A Comparison of Unscented and Extended Kalman/Filtering for Estimating Quaternion Motion, 6 pages	117

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