

# Exhibit 7

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

GENTEX CORPORATION and INDIGO  
TECHNOLOGIES, LLC,

Plaintiffs,

THALES VISIONIX, INC.,

Involuntary Plaintiff,

v.

FACEBOOK, INC. and FACEBOOK  
TECHNOLOGIES, LLC,

Defendants.

Case No. 6:21-cv-00755-ADA

**JURY TRIAL DEMANDED**

**DECLARATION OF DR. AARON BOBICK IN SUPPORT OF DEFENDANTS'  
OPENING CLAIM CONSTRUCTION BRIEF**

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## I. BACKGROUND

1. My name is Dr. Aaron Bobick. I am Dean of the School of the James McKelvey Engineering at Washington University in St. Louis and have worked within the Computer Vision industry for more than 30 years.

2. I have been retained as an expert in this case by Defendants Facebook, Inc.<sup>1</sup> and Facebook Technologies, LLC (collectively “Defendants”) to provide opinions in connection with U.S. Patent Nos. 6,757,068 (the “’068 patent”), 7,301,648 (the “’648 patent”), 8,224,024 (the “’024 patent”), 6,922,632 (the “’632 patent”), and 7,725,253 (the “’253 patent”). I understand these patents have been asserted in a lawsuit by Plaintiffs Gentex Corporation (“Gentex”) and Indigo Technologies, LLC (“Indigo”) along with involuntary plaintiff Thales Visionix, Inc. (“Thales”) (collectively, “Plaintiffs”) against Defendants. In my declaration, I will refer to them as the “Asserted Patents.”

3. I was asked to consider the meaning of certain terms of the Asserted Patents, including:

- “track a position of a first localized feature”
- “redisplaying the first object at a second position on the display device determined based on the change in the position of the first localized feature”
- “expected” / “highest expected”
- “characterizes” / “characterizing”
- “generating a sequence of candidates of pairs of sensing elements selected from the set of sensing elements, the sequence based on an expected utility of a measurement associated with said elements to the estimation subsystem”
- “sensor module(s)”
- “sensor subsystem”

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<sup>1</sup> I understand that effective October 28, 2021, defendant Facebook, Inc. changed its name to Meta Platforms, Inc..

- “estimation module”
- “estimation subsystem”
- “data processing module”

4. I have considered these terms as well as certain surrounding language that the parties have identified for construction.

## II. QUALIFICATIONS

5. My educational background, professional achievements, and qualifications as a Computer Scientist and as an expert in interactive computing, computer graphics, computer vision and related technologies are detailed in my curriculum vitae, which is attached hereto as **Attachment 1**.

6. I earned BS degrees in both Computer Science and Mathematics in 1981 and a PhD in Cognitive Science in 1987, all from the Massachusetts Institute of Technology (MIT). I am currently Dean of the James McKelvey School of Engineering at Washington University in St. Louis. Prior to accepting this position, I was the founding Chair of the School of Interactive Computing in the College of Computing of the Georgia Institute of Technology (often called “Georgia Tech”) where I had also served as Director of the Graphics, Visualization and Usability Center. Before joining Georgia Institute of Technology, I served on the faculty of the MIT Media Laboratory.

7. Over the last twenty-five years, I have been an active researcher in interactive computing, computer graphics, computer vision and related technologies. I have authored over 100 book chapters, journal and conference papers, and technical reports in these areas as detailed in **Attachment 1**. I have served on the program committee and as an area chair for most of the premier computer vision conferences in the world including serving as Program Co-Chair of the IEEE Computer Vision and Pattern Recognition conference, the premier computer

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