

# Exhibit E

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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META PLATFORMS, INC.,

Petitioner,

v.

JAWBONE INNOVATIONS, LLC,

Patent Owner.

Patent No. 8,503,691

Filing Date: June 13, 2008

Issue Date: August 6, 2013

Inventor: Gregory C. Burnett

Title: VIRTUAL MICROPHONE ARRAYS USING DUAL  
OMNIDIRECTIONAL MICROPHONE ARRAY (DOMA)

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**PATENT OWNER'S PRELIMINARY RESPONSE**

Case No. IPR2024-00349

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PATENT NO. 8,503,691

**EXHIBIT LIST**

<b>Exhibit No.</b>	<b>Description of Document</b>
2001	Declaration of Akbar M. Sayeed, Ph.D.
2002	Curriculum Vitae of Akbar M. Sayeed, Ph.D.
2003	Excerpts of MICROPHONE ARRAYS: SIGNAL PROCESSING TECHNIQUES AND APPLICATIONS, Ch. 18, Future Directions in Microphone Array Processing (Michael Brandstein & Darren Ward eds., Springer-Verlag 2001) (“Brandstein”)

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