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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

AMAZON.COM, INC.,
Petitioner,

v.

VOCALIFE LLC,
Patent Owner.

IPR2020-00864
U.S. Patent No. RE47,049

PETITION FOR *INTER PARTES* REVIEW OF CLAIMS 1-8, 19, 20, 22-25, AND 30 OF U.S. PATENT NO. RE47,049

IPR PETITION

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ii. "a sound source localization unit" ---------- 23

iii. "an adaptive beamforming unit" ---------- 24

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iv. "a noise reduction unit"---------- 25

v. "wherein said sound source localization unit, said adaptive beamforming unit, and said noise reduction unit are integrated in a digital signal processor," ---------- 25

vi. "wherein said sound source localization unit, said adaptive beamforming unit, and said noise reduction unit are in operative communication with said array of said sound sensors;"---------- 26

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d. Determining a Delay---------- 28

i. "determining a delay. . .when said target sound source that emits said target sound signal is in a two dimensional plane" ---------- 28

ii. "wherein said delay is represented in terms of number of samples" ---------- 30

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