

**UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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Sony Corporation,  
Petitioner,

v.

One-E-Way, Inc.  
Patent Owner.

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**IPR2016-01639**

Patent No. 9,282,396

Issue Date: March 8, 2016

Title: Wireless Digital Audio Music System

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**PETITION FOR *INTER PARTES* REVIEW OF  
U.S. PATENT NO. 9,282,396 UNDER  
35 U.S.C. §§ 311-319 AND 37 C.F.R. §§ 42.100 ET SEQ.**

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*Submitted Electronically via the Patent Review Processing System*

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b) Claim 1: a portable digital audio spread spectrum transmitter configured to couple to said portable audio source and transmitting a unique user code bit sequence with said original audio signal representation in packet format, said digital audio spread spectrum transmitter comprising: ..... 22

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e) Claim 1: a direct conversion module configured to capture packets and the correct bit sequence embedded in the received spread spectrum signal and lowering signal detection error through reduced intersymbol interference coding respective of said digital audio headphone and said portable digital audio spread spectrum transmitter, the captured packets corresponding to the unique user code bit sequence;..... 24

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- h) Claim 1: a digital-to-analog converter (DAC) generating an audio output of said original audio signal representation; and..... 26
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- j) Claim 1: wherein each user has their headphone configured to communicate with their own separate digital audio spread spectrum transmitter, said audio having been wirelessly transmitted from said portable audio source through the digital audio spread spectrum transmitter configured to communicate with the headphone such that signals not originating from said portable digital audio spread spectrum transmitter are inaudible while operating in the portable wireless digital audio spread spectrum transmitter spectrum..... 27
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  - b) Claim 2: a direct conversion module configured to capture packets and the correct bit sequence within the packets and lowering signal detection error through reduced intersymbol interference coding of said audio signal representation respective to said headphone spread spectrum receiver and said mobile digital audio spread spectrum transmitter, said packets embedded in the received spread spectrum signal, the captured packets corresponding to the unique user code; ..... 29
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