

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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Fundamental Innovation Systems International LLC,

Patent Owner

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Patent No. 7,239,111

Patent No. 7,701,173

Patent No. 7,834,586

Patent No. 7,893,655

Patent No. 8,232,766

Patent No. 8,624,550

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**PATENT OWNER'S POWER OF ATTORNEY**

Patent No. 7,239,111  
Patent No. 7,701,173  
Patent No. 7,834,586  
Patent No. 7,893,655  
Patent No. 8,232,766  
Patent No. 8,624,550


Pursuant to 37 C.F.R. 42.10(b), Patent Owner Fundamental Innovation Systems International LLC ("Fundamental") hereby appoints the practitioners associated with Irell & Manella's Customer No. 29000 as its attorneys to transact all business in the United States Patent and Trademark Office in the *Inter Partes* Reviews of U.S. Patent Nos. 7,239,111; 7,701,173; 7,834,586; 7,893,655; 8,232,766; and, 8,624,550, including IPR2018-00110, IPR2018-00111, IPR2018-00214, IPR2018-00215, IPR2018-00425, IPR2018-00426, IPR2018-00460, IPR2018-00461, IPR2018-00465, IPR2018-00472, IPR2018-00479, IPR2018-00485, IPR2018-00487, IPR2018-00493, IPR2018-00495 and IPR2018-00508. Fundamental further appoints H. Annita Zhong as the lead counsel, and Michael Fleming, Jason Sheasby and James Milkey as backup counsel:

<b>Lead Counsel</b>	<b>Back-up Counsel</b>
Hong Annita Zhong (Reg. No. 66,530) IRELL & MANELLA LLP 1800 Avenue of the Stars, Suite 900 Los Angeles, California 90067 Telephone: (310) 277-1010 Facsimile: (310) 203-7199 hzhong@irell.com	Michael Fleming (Reg. No. 67,933) Jason Sheasby ( <i>pro hac vice</i> to be requested) James Milkey ( <i>pro hac vice</i> to be requested) IRELL & MANELLA LLP 1800 Avenue of the Stars, Suite 900 Los Angeles, California 90067 Telephone: (310) 277-1010 Facsimile: (310) 203-7199 mfleming@irell.com jsheasby@irell.com jmilkey@irell.com FundamentalIPR@irell.com

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The individual signing below has the authority to execute documents on behalf of Fundamental Innovation Systems International LLC.

Dated: January 17, 2018

By:   
Craig Thompson, President  
Fundamental Innovation Systems  
International LLC