

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Fundamental Innovation Systems International LLC,

Patent Owner

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

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:

Lead Counsel	Back-up Counsel
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