UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CRYE PRECISION LLC PETITIONER,

v.

FIRSTSPEAR, LLC PATENT OWNER

Case No. IPR2019-01152 Patent No. 9,974,379

PATENT OWNER POWER OF ATTORNEY

PATENT OWNER POWER OF ATTORNEY

Patent Owner, FirstSpear, LLC, hereby appoints the below Practitioners as its attorneys to transact all business before the Patent Trial and Appeal Board of the United States Patent and Trademark Office in connection with inter partes reviews IPR2019-01152 regarding U.S. Patent No. 9,974,379 and IPR2019-01153 regarding U.S. Patent No. 9,565,922.

Lead Counsel	Back-Up Counsel
James P. Murphy Registration No. 55,474 jpmurphy@polsinelli.com	Margaux A. Savee Reg. No. 62,940 msavee@polsinelli.com
POLSINELLI PC 1000 Louisiana Street, Suite 6400 Houston, Texas 77002 Tel: (713) 374-1600 Fax: (713) 374-1601	POLSINELLI LLP Three Embarcadero Center, Suite 2400 San Francisco, CA 94111 Tel: (415) 248-2100 Fax: (415) 248-2101

The individual signing below has the authority to execute this document on behalf of Patent Owner, FirstSpear, LLC.

Name:

Name:	SCOTT CATUREZ	_
Signature:	16/2/	-
Title:	PREST SENT (CE)	_
Company:	FirstSpear, LLC	
Date:	6/2/19	