UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD Abiomed, Inc., Abiomed R&D, Inc., and Abiomed Europe GmbH Petitioner

V.

Maquet Cardiovascular, LLC Patent Owner

Not Yet Assigned Patent Number 9,327,068

PETITIONER'S POWER OF ATTORNEY

Pursuant to 37 C.F.R. § 42.10(b), Petitioner Abiomed, Inc. and Abiomed R&D, Inc. hereby appoints the practitioner(s) associated with USPTO Customer No. 106224, including the following attorneys, to transact all business in the United States Patent and Trademark Office associated with the above-captioned *inter partes* review of U.S. Patent No. 9,327,068:

Lead Counsel: David M. Tennant (Reg. No. 48,362)

Backup Counsel: Charles D. Larsen (Reg. No. 48,533); Nathan Y. Zhang (Reg. No. 71,401)

The individual signing below has the authority to execute this document on behalf of Abiomed, Inc. and Abiomed R&D, Inc.

FOR: Abiomed, Inc. and Abiomed R&D, Inc.						
SIGNATURE: My Many						
BY: Steve McEvoy						
TITLE: Vice President and General Counsel						
DATE: 3(7)17						

Pursuant to 37 C.F.R. § 42.10(b), Petitioner Abiomed Europe GmbH hereby appoints the practitioner(s) associated with USPTO Customer No. 106224, including the following attorneys, to transact all business in the United States Patent and Trademark Office associated with the above-captioned *inter partes* review of U.S. Patent No. 9,327,068:

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The individual signing below has the authority to execute this document on behalf of Abiomed Europe GmbH.

FOR:	Abiomed E	Europe	GmbH	[
SIGNA	TURE:	X	_			
BY:	Thors	sten Si	ess			
				chäfts	fiihrer	
TITLE: Managing Director (Geschäftsführer						
DATE:	03/	00	70	17		