

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SUN PHARMACEUTICAL INDUSTRIES, LTD.,

Petitioner,

v.

NOVARTIS PHARMACEUTICALS CORPORATION,

Patent Owner.

Case IPR2017-01929

U.S. Patent No. 9,187,405

POWER OF ATTORNEY PURSUANT TO § 42.10(b)

Mail Stop Patent Board
Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Novartis AG and Novartis Pharmaceuticals Corporation hereby appoint Jane M. Love, Ph.D. (Reg. No. 42,812) and Robert W. Trenchard (*pro hac vice* to be filed), both of Gibson, Dunn & Crutcher LLP, as lead counsel and backup counsel, respectively, to represent. Patent Owner Novartis Pharmaceuticals Corporation and real party in interest Novartis AG in the *inter partes* review proceeding concerning U.S. Patent No. 9,187,405 before the Patent Trial and Appeal Board in the United States Patent and Trademark Office, and to transact all business connected therewith.

Address all communications, emails, and telephone calls to lead and back up counsel (each associated with the above customer number), as listed below:

Lead Counsel:	Back-up Counsel:
Jane M. Love, Ph.D. USPTO Reg. No. 42,812 200 Park Avenue, 47th Floor New York, NY 10166 Phone: (212) 351-3922 Fax: (212) 351-6322 jlove@gibsondunn.com	Robert W. Trenchard (<i>pro hac vice</i> to be filed) 200 Park Avenue, 47th Floor New York, NY 10166 Phone: (212) 351-3942 Fax: (212) 351-5242 rtrenchard@gibsondunn.com

The undersigned is authorized to sign this Power of Attorney on behalf of Novartis AG and Novartis Pharmaceuticals Corporation.

FOR: NOVARTIS AG

Signature: Lydia M. Nally

Name: Lydia McNally
Authorized Signatory

Date: 9-5-2017

FOR: NOVARTIS PHARMACEUTICALS CORPORATION

Signature: Peter Waibel

Name: Peter Waibel
Authorized Signatory

Date: 9-5-17