

### **Practice Areas**

- Intellectual Property
- Patents

## **Education**

- George Mason University School of Law, J.D., 2000
- Bucknell University, B.S., 1997

#### **Bar Admissions**

- · District of Columbia
- Virginia
- . United States Patent and Trademark Office

#### **Affiliations**

American Intellectual Property Law Association- Vice-Chair of the PTAB Trial Committee, previously served as Chair of the Chemical Patent Practice Committee

American Chemical Society

## **Awards & Honors**

 Named to Virginia Businesses magazine's 2012 "Legal Elite", Intellectual Property

# Jeffrey N. Townes

## Member

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Jeff focuses his practice on the life sciences industry counseling clients in the chemical, pharmaceutical, biotechnology, and material sciences sectors. His clients include those with technology involving polymer chemistry, such as resins, plastics, fibers, elastomers and coatings, and adhesives; organic chemistry, including synthesis and uses of pharmaceutical compounds and small molecules; siRNA, including compositions relating to the chemical modifications of oligonucleotides and their methods of treatment; lipid nanoparticles, particularly in the use of mRNA vaccines and polypeptide delivery; organometallic chemistry, including metathesis catalysts; diagnostic testing, including the use of biomarkers for cardiovascular, diabetes, and related diseases; and nanotechnology.

A major aspect of Jeff's practice involves drafting patent applications and strategically prosecuting those applications in the US and worldwide. Another significant aspect of his practice involves overseeing post-grant proceedings, including *inter partes* review (IPR) proceedings, *ex parte* reexamination, reissue applications, and European oppositions. Jeff played a key role in the petition, preparation, and trial of 10 of the first IPRs filed on chemical patents.

In addition, Jeff regularly authors invalidity, non-infringement, and freedom-to-operate opinions; conducts due-diligence analyses; drafts and negotiates assignments and licenses; and handles inventorship disputes.

Jeff has been actively involved in the American Intellectual Property Law Association (AIPLA) and International Association for the Protection of Intellectual Property (AIPPI) for several years. Jeff previously chaired the Chemical Patent Practice Committee of the AIPLA, chaired the IP Law Associations Committee, and was the vice chair of the PTAB Trial Committee. He speaks regularly at AIPLA-hosted events, as well as those hosted by the Brazilian Association of Intellectual Property (ABPI) and the American Chemical Society.

Jeff received his B.S. in chemistry from Bucknell University and his law degree from George Mason University School of Law.

