



ROTHWELL, FIGG, ERNST & MANBECK, P.C.

1425 K Street, NW, Suite 800 Washington, D.C. 20005

Tel: (202) 783-6040 Fax: (202) 783-6031 Email: [ollorin@rfem.com](mailto:ollorin@rfem.com)

## OSCAR J. LLORIN Patent Agent

Oscar J. Llorin graduated from Virginia Polytechnic Institute and State University in 1989 with a B.S. degree in biology, with an emphasis in microbiology. He then earned an M.S. degree in applied molecular biology from the University of Maryland in 1992. Mr. Llorin developed nucleic acid amplification assays for the diagnosis of infectious diseases at BD Diagnostic Systems from 1996 to 2001 and became an inventor on several patents. After becoming a patent agent, Mr. Llorin was an intellectual property manager for TriPath Oncology, Inc. from 2002 to 2004.

In 2005, Mr. Llorin was a judicial intern for the Honorable Randall R. Rader, Circuit Judge, at the United States Court of Appeals for the Federal Circuit. Thereafter, Mr. Llorin was a judicial intern for biotech Administrative Patent Judges at the Board of Patent Appeals and Interferences, United States Patent and Trademark Office. Prior to graduating from law school, he was a student attorney at the Maryland Intellectual Property Legal Resource Center and advised clients on patent, trademark and copyright issues. Mr. Llorin earned his J.D. degree from the University of Maryland in 2006 and received the national Order of the Barristers honor.

Mr. Llorin has been registered to practice before the United States Patent and Trademark Office since 2001. His patent prosecution experience includes drafting and prosecuting patent applications in biotechnology, particularly in the fields of DNA probe and antibody-based diagnostics. Mr. Llorin's current work focuses on patent prosecution, supporting freedom-to-operate evaluations and litigation in the pharmaceutical field. He is a member of the American Intellectual Property Law Association and the American Bar Association (member of the Section of Intellectual Property Law).

### Areas of Concentration:

- Counseling
- Licensing & Transactions
- Litigation
  - Appellate
  - Federal District Ct.
  - Hatch-Waxman
- Patent Prosecution
  - Biomedical
  - Biology and Biotechnology
  - Pharmaceutical

### Education:

- B.S. from the Virginia Polytechnic Institute and State University, 1989
- M.S. from the University of Maryland, 1992
- J.D. from the University of Maryland School of Law, 2006

**Bar Admissions:**

- District of Columbia Bar
- United States Patent & Trademark Office

**Publications:**

- Little, O., Andrews, J., Moore, R., Bustos, S., Jones, L., Embres, C., Durmowicz, G., Harris, J., Berger, D., Yanson, K., Rostkowski, C., Yursis, D., Price, J., Fort, T., Walters, A., Collis, M., Llorin, O., Wood, J., et al. "Strand Displacement Amplification and Homogeneous Real-Time Detection Incorporated in a Second-Generation DNA Probe System, BDProbeTecET." *Clinical Chemistry*. 1999; 45: 777-84.
- Thornton, C.G., MacLellan, K., Brink, T., Wolfe, D., Llorin, O., and Passen, S. "Processing Respiratory Specimens with C18-Carboxypropylbetaine: Development of a Sediment Resuspension Buffer That Contains Lytic Enzymes To Reduce the Contamination Rate and Lecithin To Alleviate Toxicity." *J. Clin. Microbiol.* 1998; 36: 2004-13.

**Patents:**

- Llorin, O., Collis, M., Little, M., and Harris, J. U.S. Patent No. 6,939,696.
- Collis, M., Brown, A., Llorin, O., and Fort, T. U.S. Patent No. 6,265,224.
- Collis, M., Brown, A., Llorin, O., and Fort, T. U.S. Patent No. 6,241,980.
- Little, M., Llorin, O., and Collis, M. U.S. Patent No. 6,210,881.
- Collis, M., Little, M., and Llorin, O. U.S. Patent No. 5,763,135.

**Presentations:**

- Llorin, O. "Strand Displacement Amplification: Current and Future Molecular Methods for the Identification of Mycobacterium in the Clinical Laboratory" May, 30, 1999. American Society for Microbiology. Chicago, IL.