

Alvin Tanpoco

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IP Strategy Director

IP Strategy Director with 20+ years of experience, beginning as a trader who developed cutting-edge trading interfaces that led to product development roles at Trading Technologies (2004-2013). This technical trading background naturally progressed to founding a proprietary trading desk (2013-2018), before leveraging my combined trading technology and IP expertise as EVP of Intellectual Property at TT (2018-2021). At Ascent Trust (2021-2025), I've applied this specialized knowledge to manage Federal Circuit appeals, secure multi-million-dollar legal victories, and develop AI frameworks that transformed our litigation research capabilities.

WORK EXPERIENCE

Ascent Trust	01/2022 - 02/2025
Senior IP Strategy Director	Chicago, IL

- Managed Federal Circuit and Supreme Court appeals for Ascent Trust, analyzing infringer data across a \$250M peak-value patent portfolio central to company-wide industry success and widely infringed, shaping strategies for high-stakes litigation, including helping secure a multi-million-dollar lawsuit win (over \$10M, currently under appeal, seeking additional damages) to enhance portfolio value.
- Engineered an AI-driven research framework that processed 1,300+ fraud cases targeting Rule 60(b)(3) inconsistencies, implementing LLaMA models for semantic search indexing to identify subtle patterns across case law, reducing manual analysis time from approximately 12 weeks to 10 days while uncovering previously undetected precedent relationships that strengthened our Supreme Court arguments.

Trading Technologies	11/2018 - 12/2021
Executive Vice President, Intellectual Property	Chicago, IL

- Led a comprehensive IP strategy as EVP, managing teams of internal and external attorneys, overseeing portfolio development, directing ongoing litigation, and conducting deep industry-wide infringement research that uncovered a 20% increase in infringement patterns.
- Conducted comprehensive industry-wide analysis of 30+ patent infringers, developing strategic frameworks adopted by Ascent Trust that formed the foundation for holistically valuing our damage claims, dissecting intricate infringement patterns, mapping deep industry-wide usage, and leveraging detailed infringement data to maximize portfolio value.

Proprietary Trading Desk	07/2013 - 10/2018
Founder and Manager	Chicago, IL

- Founded and managed a trading desk, executing over \$1B notional value per year in metals, equity index, and quanto option arbitrage across U.S., Japan, and China markets, delivering a 40%+ annual ROI.
- Designed and executed a high-precision statistical arbitrage strategy targeting metals and equity index futures, leveraging quanto options pricing models (e.g., Black-Scholes adjustments, Heston model), machine learning, and Kalman filters to exploit pricing dislocations, maintaining stringent risk controls via Monte Carlo and Value-at-Risk models.

Trading Technologies	08/2004 - 06/2013
Product Manager and Business Development Lead	Chicago, IL

- Combined my trader perspective with technical expertise to develop innovative trading interfaces, establishing the foundation for my later transition to full-time trading and subsequent IP leadership roles.

- Managed API, user interface, and user experience for front-end analytics, launched a partner program that integrated 20+ 3rd parties, boosted trading ecosystem participation with 6 new vertical markets, and assisted in crafting API, IP licensing, and partner program agreements.
- Drove business development in Asia (2010-2013), leveraged market analysis to expand IP offerings, supported 10+ partnerships, and laid groundwork for later IP strategy roles.

SKILLS

Advanced Programming & Data Analysis, AI Development, Business Development, Intellectual Property Strategy, IP Agreement Drafting, Metals & Equity Index Futures, Patent Litigation, Portfolio Valuation, Product Management, Proprietary Trading, Python, Quanto Options Pricing, Statistical Arbitrage