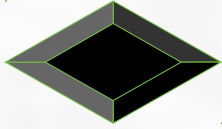


# Black-Bear Technologies

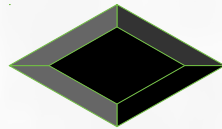
*your IP Prosecution solution*



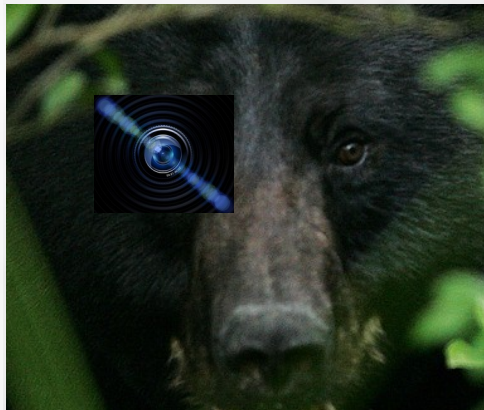
## *Legal Acumen*

*Sophisticated patent preparation*  
*Aggressive patent prosecution*

- ◆ Broad, effective claim strategy to protect core business technology
- ◆ Detailed descriptions which capture technical innovations
- ◆ Facile writing to communicate nuances of complex inventions
- ◆ Sophisticated arguments to dismantle complex legal issues

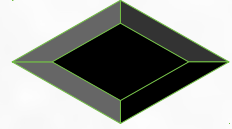


## *Technical Prowess*



*Technical precision*  
*Inventive perception*

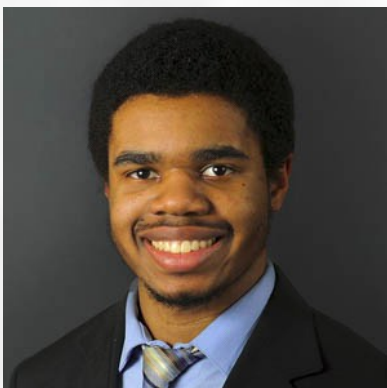
- ◆ Precision in technical descriptions
- ◆ Depth in understanding inventive mechanism and extensive applications
- ◆ Nuance in distinguishing invention from prior art



## *Business Acuity*

*Core IP identification*  
*Patent strategy construction*

- ◆ Defining core intellectual property priorities from business strategy
- ◆ Crafting patent focus areas
- ◆ Uncovering optimal claim strategies
- ◆ Driving prosecution to acquire patent protection



## **Lead Specialist**

Joshua Millings  
*Specialists in Patent Excellence*

## *Services Offered*

### Patent Preparation

provisional patent applications  
non-provisional patent applications  
utility patent applications  
divisional patent applications  
continuation patent applications  
continuations-in-part  
design patent applications  
claims drafting  
figures drafting

### Office Actions and Responses:

Restriction Requirements  
Final Office Actions  
Non-Final Office Actions  
Request for Continued Examination  
Pre-Appeal briefs  
Appeal briefs  
After-Final Consideration Pilot  
Program 2.0

### Arguments Presented:

inoperable system arguments  
advantageous effect arguments  
technical effect arguments  
industrial applicability arguments  
novelty arguments  
technical step arguments  
technical arguments  
obviousness arguments  
impermissible hindsight  
missing element arguments

### Technical Fields

#### Mechanical and Physics:

mechanical devices  
mechanical design  
physics  
optics  
haptics  
renewable energy  
electronics  
in-vehicle user experience  
semiconductors  
crystals  
information technology

#### Biology:

medical devices  
bioengineering

#### Software:

machine learning  
computing algorithms  
computing architectures  
cloud computing  
software-as-a-solution  
object detection/imaging  
natural-language processing  
graphics processing  
data streaming  
audio/video streaming  
graphical user interfaces  
automation  
localization

### Patent Strategy

Patent Portfolio Construction  
Claim Strategy

#### Patent Offices and Regions:

United States Patent and  
Trademark Office  
Japan Patent Office  
Korean Intellectual Property  
Office  
European Patent Office  
Canada  
China  
Australia

#### Patent Licensing Activities:

patent summaries  
infringement analyses  
licensing analyses

#### Patent Searching:

prior art searches  
relevant art searches  
patent landscape searches

### Background Studies:

Quantum and Classical Physics  
Electromagnetism  
Waves and vibrations  
Optics  
Real Analysis  
Complex Analysis  
Manifolds  
Computer programming  
Probability and statistics  
Computer security and networking

### Research Background:

Bioengineering  
Chemical engineering  
Aerospace Engineering  
Stem cell research  
Nanosatellites  
Hamiltonian Dynamics  
Chaos Theory  
Gravitation  
Laser dynamics  
Theoretical Cosmology  
Experimental Cosmology  
Quantum Mechanics

### University Background:

Massachusetts Institute of  
Technology  
Hong Kong University of Science  
and Technology  
Princeton University  
Stony Brook University