SuperQ Quantum Files Provisional Patent for ChatQLM™ Multi-Backend Orchestration Breakthrough Consumer App for Quantum and Supercomputing

Calgary AB, Canada - January 8, 2025 - SuperQ Quantum Computing Inc. ("**SuperQ Quantum**", "**SuperQ**", or the "**Company**") (CSE: QBTQ; OTCQB: QBTQF; Frankfurt: 25X), a leader in hybrid quantum-classical orchestration and advanced optimization platforms, today announced at the Consumer Electronics Show (CES) that it has filed a provisional utility patent for the orchestration and routing technology called Quantum Leveraged Model (QLM) powering ChatQLM™, the world's first quantum-powered consumer application.

This new filing secures the proprietary intellectual property behind the application's ability to operate as a hardware-agnostic gateway. While the company's foundational patents filed in September 2025 protected the general methods of hybrid classical-quantum modeling, this new patent focuses on the application-layer intelligence that dynamically routes user queries to the most efficient backend available, specifically optimized for classical LLMs, optimization solvers, quantum annealing (via D-Wave) and trapped-ion gate-based systems (via IonQ).

Beyond Modeling: The "Router" for the Quantum Internet

ChatQLM represents a major evolution in quantum accessibility. The application utilizes a proprietary Quantum Leveraged Model (QLM) to parse natural language prompts and determine, in real-time, which classical-quantum modality is required to solve the problem:

- D-Wave Routing: Targeted for high-scale combinatorial optimization, such as logistics, supply chain, and financial portfolio balancing.
- IonQ Routing: Leveraged for high-fidelity algorithmic tasks, including generative AI, molecular simulations, and complex decision-tree analysis.
- LLM Routing: For qualitative analysis, content parsing and data retrieval.
- Optimization Solver Routing: Targeted for most everyday combinatorial and continuous optimization problems.

"With the launch of ChatQLM, we are moving the conversation from what quantum could do to what a quantum app is doing right now," said **Dr. Muhammad Khan, CEO and Board Chair of Super Q Quantum**. "This patent protects the 'traffic controller' that makes ChatQLM unique. We've built the intelligence to know what belongs on an annealer, a gate-based machine or a GPU. By automating this orchestration, we are giving the everyday user the power of a quantum computer scientist through a simple, conversational interface."

Key Differentiators from September 2025 Filings

Unlike the broad "Hybrid Systems" infrastructure patents filed in late 2025, this 2026 filing is specifically application-focused:

- Dynamic Modality Selection: Claims the specific logic that bifurcates tasks between LLM, annealing and gate-based architectures based on workload metadata.

- Vendor-Agnostic "Rosetta" Layer: A proprietary translation engine that converts ChatQLM prompts into hardware-specific machine code for D-Wave, IonQ and NVIDIA GPUs.
- Consumer-Ready Failover: Real-time benchmarking that allows the app to switch backends if a specific quantum processor is experiencing high noise or latency.

The specific details will become available once the patent application is published by the USPTO.

Shares-for-debt settlement

The Company is also pleased to announce that it has reached an agreement with two creditors to settle outstanding indebtedness of $294,000 through the issuance of 210,000 common shares at a deemed price of $1.40 per share. All securities issued will be subject to restrictions on resale for a period of four months and one day in accordance with applicable securities laws.

About SuperQ Quantum Computing Inc.

SuperQ Quantum Computing Inc. (CSE: QBTQ; Frankfurt: 25X; OTCQB: QBTQF) is reducing the technical and financial barriers to quantum and supercomputing commercialization. It is defining the next era of enterprise transformation, emerging as a partner for global organizations seeking direct quantum and supercomputing ROI. We are also putting quantum computing in the palm of consumers' hands through ChatQLM to drive widespread adoption.

Our flagship Super™ platform strives to make the most advanced computational power intuitive and accessible. This will empower executives, leading research institutions, and critical government agencies to unlock immediate business impact across finance, healthcare, logistics, defense, and beyond, leveraging our proprietary AI Autopilots to turn complex challenges into executive-ready results with one-click productization and deployment. SuperQ Quantum is headquartered in Canada with a growing international presence, particularly in the US, Middle East and Asia, strategically establishing Super Hubs in key regions.

For further information contact:
Dr. Muhammad Khan, CEO of SuperQ Quantum Computing Inc.
Email: info@superq.co
Telephone: +1 587 889 1918
www.superq.co

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This press release contains forward-looking information within the meaning of Canadian securities legislation. Forward-looking information generally refers to information about an issuer's business, capital, or operations that is prospective in nature. Any statements that are contained in this press release that are not statements of historical fact may be deemed to be forward-looking information. Forward-looking information is often identified by terms such as "may", "should", "anticipate", "would", "will", "estimates", "believes", "intends" "expects" and similar expressions which are intended to identify forward-looking information. More particularly and without limitation, this press release contains forward-looking information concerning statements with respect to the closing of the Offering, timing of closing of the Offering, the use of proceeds of the Offering and the future plans of the Company. The Company cautions that all forward-looking information is inherently uncertain, and that actual performance may be affected by a number of material factors, assumptions, expectations and risks, many of which are beyond the control of the Company, including but not limited to assumptions regarding prevailing market conditions and general business, economic, competitive, political and social uncertainties to develop the forward-looking information in this press release, as well as those risk factors discussed or referred to in the Company's disclosure documents filed with the securities regulatory authorities in certain provinces of Canada and available at www.sedarplus.com. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information.

The forward-looking information contained in this press release are made as of the date of this press release, and the Company does not undertake any obligation to update publicly or to revise any of the included forward-looking information, whether as a result of new information, future events or otherwise, except as expressly required by applicable securities laws.

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