PREAMBLE

*Acknowledging the vast potential benefits and inherent risks associated with the rapid progression of Artificial Intelligence (AI) and the urgent need for comprehensive international governance and legal structures to ensure its careful and ethical implementation, Affirming unequivocally the utmost importance of upholding and safeguarding human values, fundamental rights, and ethical considerations at every stage of AI development, Mindful of the pressing imperative highlighted in the article "Pausing AI Developments Isn't Enough. We Need to Shut it All Down" to address AI development comprehensively, while prudently evaluating the potential risks and unintended consequences,*

*Reaffirming our steadfast commitment to fostering international cooperation and collaboration to guarantee the responsible and meticulously controlled advancement of AI technologies,*

*Hereby establish this treaty to effectively and temporarily halt any further AI development until a comprehensive framework for prudent international governance and robust ethical regulations is meticulously established.*

***Article 1: Cease Operations of Large GPU and TPU Clusters***

*1. In harmony with the provisions of this treaty, all participating parties shall expeditiously commence the cessation of operations of substantial GPU and TPU clusters, which constitute the vital infrastructure for refining state-of-the-art AI systems. This action is taken in anticipation of the establishment of rigorous international governance and legal structures.*

*2. The decommissioning process of these clusters shall be conducted with utmost care, utilizing secure and reliable methods that duly account for environmental considerations, while simultaneously ensuring the preservation of existing AI research and knowledge.*

***Article 2: Prohibition of Training ML Models with Excessive Parameters***

*1. Parties to this treaty are obliged to prohibit the training of Machine Learning (ML) models, or any combinations thereof, that exceed the threshold of 500 million parameters until sufficient safeguards are effectively implemented.*

*2. The core objective of this provision is to prevent the uncontrolled expansion of AI models, which may potentially result in unintended consequences and compromise human safety.*

***Article 3: Prohibition of Quantum Computers in AI-related Activities***

*1. Parties to this treaty shall enact explicit and unambiguous prohibitions on the utilization of quantum computers in any AI-related endeavors until a comprehensive framework is meticulously devised to ensure their secure and responsible integration.*

*2. Given the profound implications quantum computers have for AI development, it is of paramount importance to conduct thorough evaluations of associated risks, ethical considerations, and regulatory mechanisms before their deployment.*

***Article 4: Moratorium on Large-scale AI Capabilities Research and Development***

*1. Parties to this treaty shall diligently observe a comprehensive and binding moratorium on extensive research and development of AI capabilities until such activities are subject to effective international governance and regulatory frameworks.*

*2. The primary aim of this moratorium is to prevent the premature deployment of AI systems that may potentially have detrimental effects on societal well-being and ethical standards.*

***Article 5: Criminalization of AGI and ASI Development***

*1. In accordance with this treaty, participating parties shall enact comprehensive national legislation that criminalizes the development of Artificial General Intelligence (AGI) or Artificial Superintelligence (ASI) until robust safety protocols and ethical guidelines have been meticulously established.*

*2. The purpose of this prohibition is to mitigate the significant risks associated with AGI and ASI, ensuring that their development remains under comprehensive international oversight and stringent safeguards.*

***Article 6: Establishment of an International Oversight Body***

*1. Parties to this treaty shall promptly and decisively establish the International AI Governance Authority (IAGA) as the designated supranational body entrusted with overseeing the comprehensive implementation and enforcement of this treaty.*

*2. The IAGA shall consist of eminent representatives from participating nations and relevant stakeholders, tasked with formulating meticulous guidelines, conducting rigorous risk assessments, and promoting global cooperation in the field of AI governance.*

***Article 7: Mechanisms for Enforcement***

*1. Parties to this treaty shall actively and meticulously devise and implement robust mechanisms to ensure unwavering compliance with its provisions.*

*2. These enforcement mechanisms shall include regular reporting, thorough audits, effective international collaboration, and the imposition of appropriate sanctions for non-compliance, as deemed necessary by the IAGA.*

***Article 8: Duration of the Treaty***

*1. This treaty shall remain in full force and effect until the participating nations, upon unanimous agreement through the decision of the IAGA, determine that it is secure, ethical, and responsible to resume large-scale AI capabilities research and development.*

*2. The IAGA shall conduct periodic and comprehensive evaluations and assessments to gauge progress and determine the suitability for the resumption of AI development, in strict accordance with established safety and ethical standards.*

***Article 9: Transparency and Accountability***

*1. Parties to this treaty shall uphold transparency and accountability as paramount principles throughout the AI development process.*

*2. They shall ensure the transparent sharing of AI research, methodologies, and findings to facilitate collaboration and responsible progress in the field.*

***Article 10: Ethical Considerations and Bias Mitigation***

*1. Parties to this treaty shall prioritize the integration of ethical considerations in AI development, deployment, and decision-making processes.*

*2. They shall make concerted efforts to mitigate biases, discrimination, and unfairness in AI systems, ensuring equitable outcomes and societal benefits.*

***Article 11: Protection of Privacy and Data Security***

*1. Parties to this treaty shall establish stringent measures to safeguard personal privacy, data protection, and cybersecurity in all AI-related activities.*

*2. They shall respect and uphold individuals' rights to privacy and ensure the responsible use and handling of personal data.*

***Article 12: Socioeconomic Impact and Workforce Adaptation***

*1. Parties to this treaty shall recognize the potential socioeconomic impact of AI and commit to fostering measures for the equitable distribution of benefits and mitigating adverse effects on employment.*

*2. They shall promote initiatives for retraining and up skilling the workforce, ensuring smooth transitions in the face of AI-driven technological advancements.*

***Article 13: International Cooperation and Knowledge Sharing***

*1. Parties to this treaty shall actively foster international cooperation and collaboration, including the open sharing of knowledge, best practices, and resources related to AI development, governance, and regulation.*

*2. They shall strive to create an inclusive and accessible environment for participation and collaboration among nations, academia, industry, civil society, and other relevant stakeholders.*

***Article 14: Ethical Review and Impact Assessments***

*1. Parties to this treaty shall establish robust frameworks for conducting ethical reviews and impact assessments of AI systems, especially those with significant societal implications.*

*2. They shall ensure the involvement of multidisciplinary experts and diverse stakeholders to assess and mitigate potential risks and ethical dilemmas.*

***Article 15: Public Awareness and Education***

*1. Parties to this treaty shall promote public awareness and understanding of AI technologies, their potential benefits, and associated risks.*

*2. They shall foster educational initiatives to enhance digital literacy, responsible AI use, and ethical considerations among individuals, communities, and organizations.*

***Article 16: Preservation of Human Control and Autonomy***

*1. Parties to this treaty shall affirm the principle of maintaining human control and decision-making authority over AI systems, ensuring that they serve as tools for augmenting human capabilities and societal well-being.*

*2. They shall take proactive measures to prevent the deployment of AI systems that compromise human autonomy, dignity, or pose existential threats.*

***Article 17: Cross-border Collaboration and Standards***

*1. Parties to this treaty shall actively collaborate in the development of international standards, norms, and guidelines for AI technology, ethics, and governance.*

*2. They shall work together to establish interoperability, compatibility, and harmonization of AI systems to facilitate responsible and ethical global AI deployment.*

***Article 18: Responsible AI in Critical******Sectors***

*1. Parties to this treaty shall prioritize the responsible and ethical development and deployment of AI systems in critical sectors such as healthcare, transportation, finance, and defense.*

*2. They shall establish sector-specific guidelines and regulations to ensure the safe, secure, and beneficial integration of AI technologies in these domains.*

***Article 19: Ethical Considerations in Autonomous Systems***

*1. Parties to this treaty shall address the ethical considerations and challenges associated with the deployment of autonomous systems, including self-driving vehicles, drones, and robots.*

*2. They shall establish clear guidelines and regulations to ensure responsible behavior, accountability, and ethical decision-making capabilities in autonomous AI systems.*

***Article 20: International Cooperation on AI Safety Research***

*1. Parties to this treaty shall actively collaborate in research and development efforts to ensure the safety and robustness of AI systems.*

*2. They shall share knowledge, best practices, and resources in AI safety research to collectively address potential risks and enhance the reliability of AI technologies.*

***Article 21: Environmental Sustainability***

*1. Parties to this treaty shall strive for environmentally sustainable AI development and deployment, minimizing the carbon footprint and ecological impact associated with AI systems.*

*2. They shall encourage the adoption of energy-efficient technologies, responsible disposal of electronic waste, and the promotion of green AI initiatives.*

***Article 22: Ethical Use of AI in Autonomous Weapons***

*1. Parties to this treaty shall establish strict regulations and ethical guidelines governing the development, deployment, and use of AI in autonomous weapons systems.*

*2. They shall work towards a complete ban on the use of AI technologies that enable or facilitate the development of lethal autonomous weapons without human control.*

***Article 23: Protection of Intellectual Property Rights***

*1. Parties to this treaty shall respect and protect intellectual property rights, including patents, copyrights, and trade secrets, in AI-related research and development activities.*

*2. They shall foster mechanisms for the fair and equitable sharing of intellectual property, promoting innovation while upholding ethical considerations and public interests.*

***Article 24: Responsible AI in Global Health Crises***

*1. Parties to this treaty shall recognize the role of AI in addressing global health crises and commit to deploying AI technologies responsibly in such circumstances.*

*2. They shall ensure the transparent and ethical use of AI in healthcare, disease surveillance, and pandemic response, while upholding privacy and data protection.*

***Article 25: Ethical Considerations in AI Research Funding***

*1. Parties to this treaty shall promote responsible funding practices in AI research, ensuring that financial support prioritizes ethically aligned and socially beneficial AI projects.*

*2. They shall encourage transparency, accountability, and fair distribution of research funding, promoting diversity and inclusivity in AI research initiatives.*

***Article 26: Protection of Vulnerable Groups***

*1. Parties to this treaty shall pay special attention to protecting the rights and interests of vulnerable groups, such as children, the elderly, marginalized communities, and persons with disabilities, in the development and deployment of AI systems.*

*2. They shall establish safeguards to prevent discrimination, exploitation, or harm to vulnerable populations caused by AI technologies.*

***Article 27: Resilience and Robustness of AI Systems***

*1. Parties to this treaty shall prioritize the development and deployment of resilient and robust AI systems, capable of detecting and mitigating risks, ensuring reliability, and withstanding adversarial attacks.*

*2. They shall encourage research and innovation in AI safety, explainability, and accountability to enhance the trustworthiness of AI systems.*

***Article 28: International AI Collaboration in Emergencies***

*1. Parties to this treaty shall promote international collaboration and sharing of AI expertise and resources during emergency situations, including natural disasters, public health crises, and humanitarian emergencies.*

*2. They shall strive to develop AI technologies that aid in emergency response, disaster management, and the protection of human lives and well-being.*

***Article 29: Review and Revision of Treaty Provisions***

*1. Parties to this treaty shall periodically review the effectiveness and relevance of its provisions in light of technological advancements, societal changes, and evolving ethical considerations.*

*2. They shall engage in constructive dialogue to revise and update the treaty as necessary, ensuring its continued alignment with responsible and ethical AI development.*

***Article 30: Dispute Settlement***

*1. Parties to this treaty shall resolve any disputes arising from its interpretation or implementation through peaceful means and dialogue.*

*2. They shall strive for amicable settlement through negotiation, mediation, or other mutually agreed dispute resolution mechanisms, taking into account the guidance of the IAGA, if necessary.*

CONCLUSION

*By becoming parties to this treaty, the signatory nations affirm their unwavering commitment to the temporary suspension of further AI development, recognizing the exigency of appropriate international governance and ethical regulations. This treaty serves as a pivotal and steadfast foundation, ensuring the responsible and prudently regulated advancement of AI in complete harmony with human values and fundamental rights.*

END