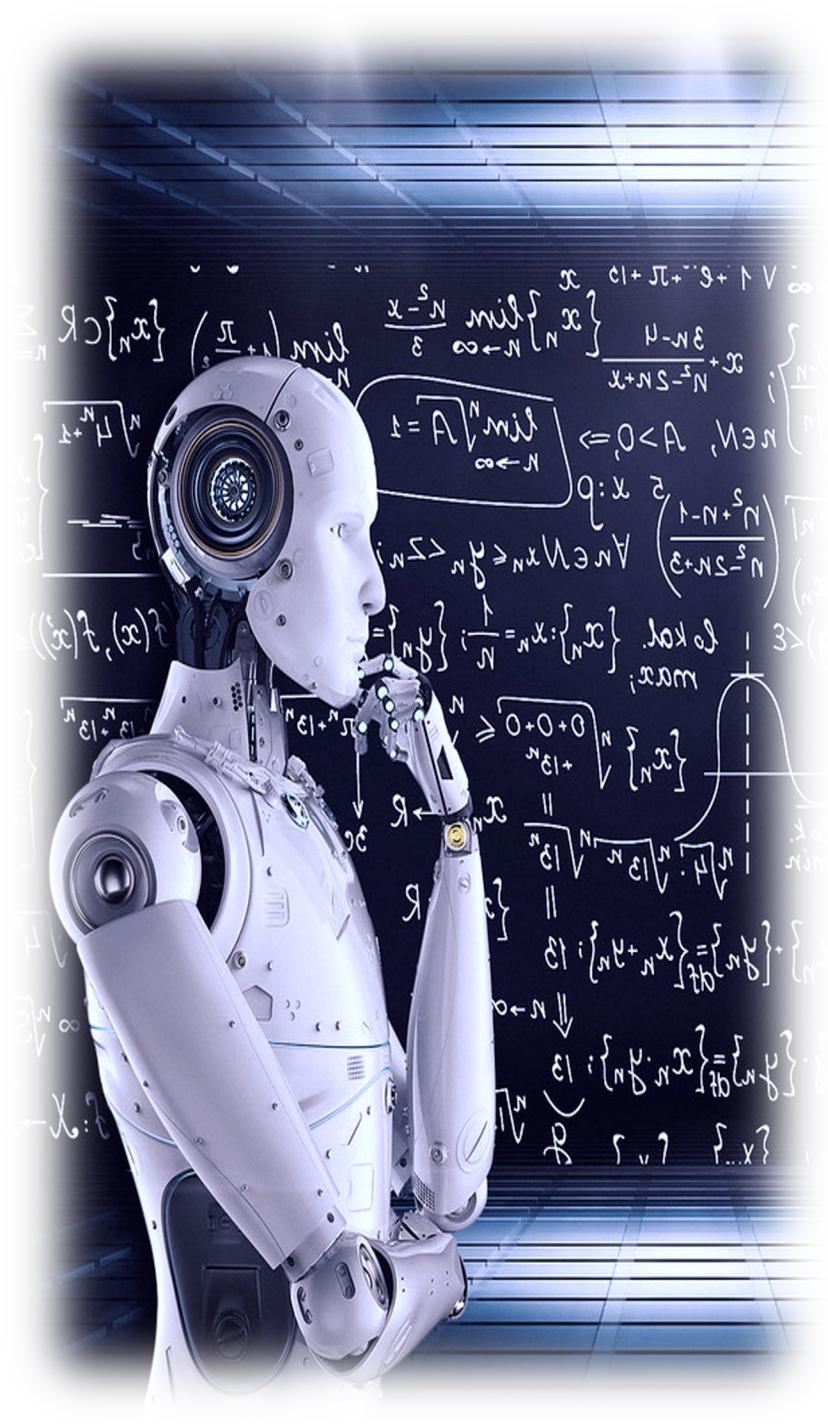




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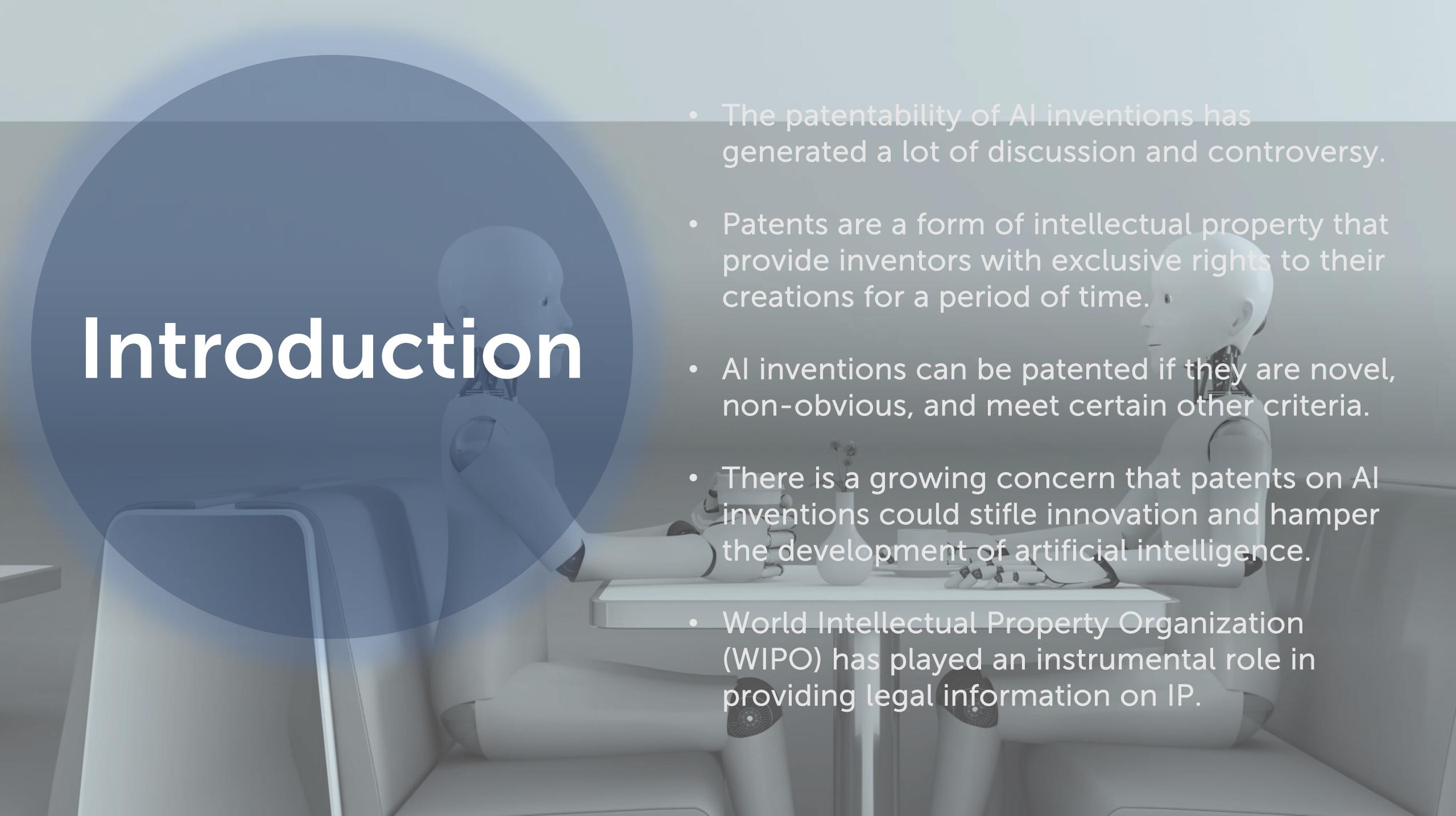
The Patentability of Artificial Intelligence Invention

The Case of Kingdom of Saudi Arabia



Presentation Overview

- 1 Introduction
- 2 DABUS & Saudi Arabia
- 3 Artificial Intelligence in Saudi Arabia
- 4 The Effectiveness of Current Intellectual Property Laws in Terms of Artificial Intelligence Invention Around The World
- 5 The Artificial Intelligence Challenges in the Globe
- 6 The Way Forward Globally



Introduction

- The patentability of AI inventions has generated a lot of discussion and controversy.
- Patents are a form of intellectual property that provide inventors with exclusive rights to their creations for a period of time.
- AI inventions can be patented if they are novel, non-obvious, and meet certain other criteria.
- There is a growing concern that patents on AI inventions could stifle innovation and hamper the development of artificial intelligence.
- World Intellectual Property Organization (WIPO) has played an instrumental role in providing legal information on IP.

DABUS Patentability

(Device for the Autonomous Bootstrapping of Unified Sentience)



- Thaler's application was rejected by USPTO.
- The office cited that only natural persons are regarded as inventor, excluding AI.



DABUS patent application was rejected because the inventor is not a person, but an Artificial Intelligence (AI) machine.

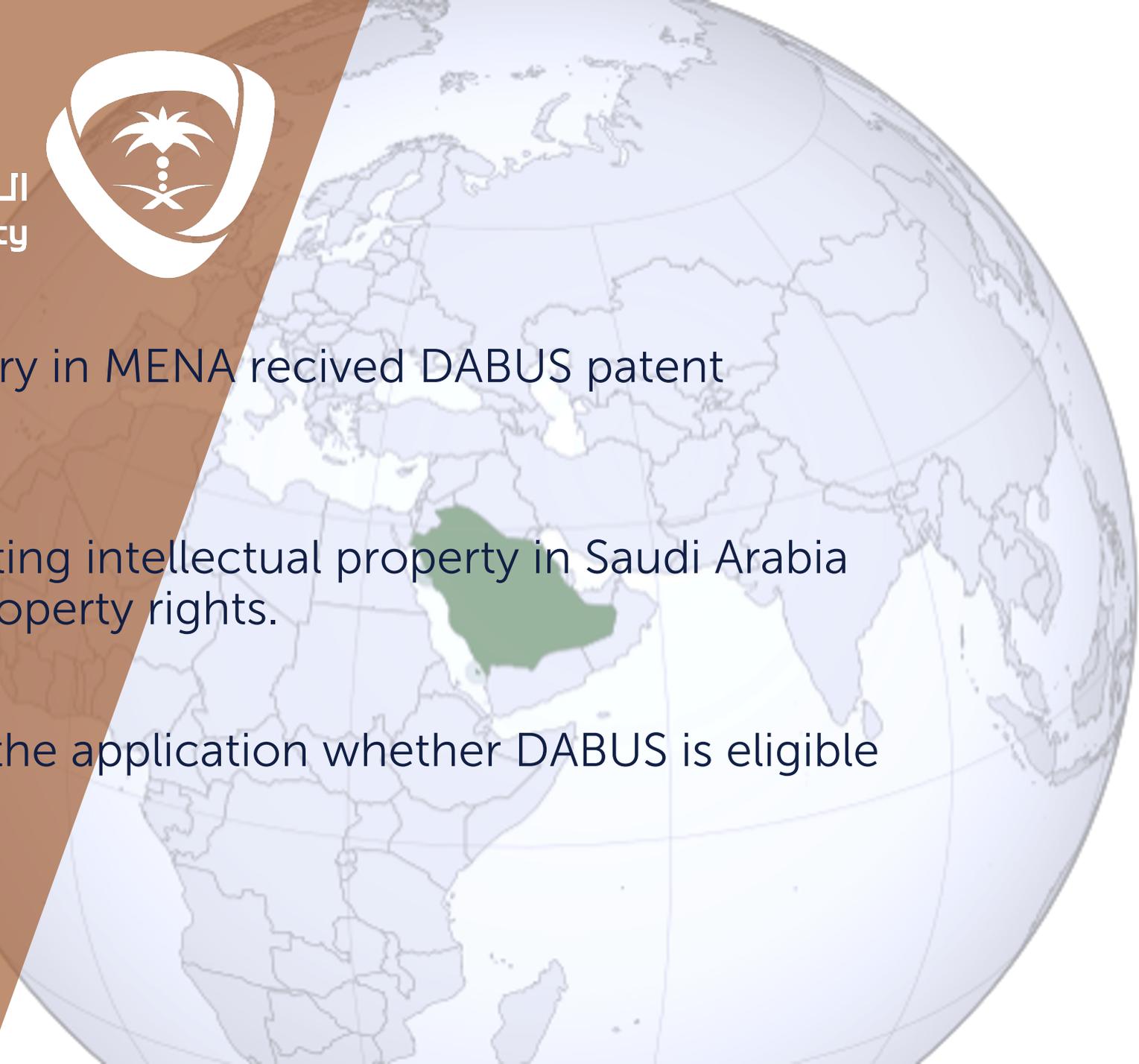


The decision on whether DABUS should be patented is currently underway.

الهيئة السعودية للملكية الفكرية
Saudi Authority for Intellectual Property



- Saudi Arabia is the only country in MENA received DABUS patent application.
- SAIP is responsible for protecting intellectual property in Saudi Arabia and supporting intellectual property rights.
- SAIP is underway processing the application whether DABUS is eligible for patenting

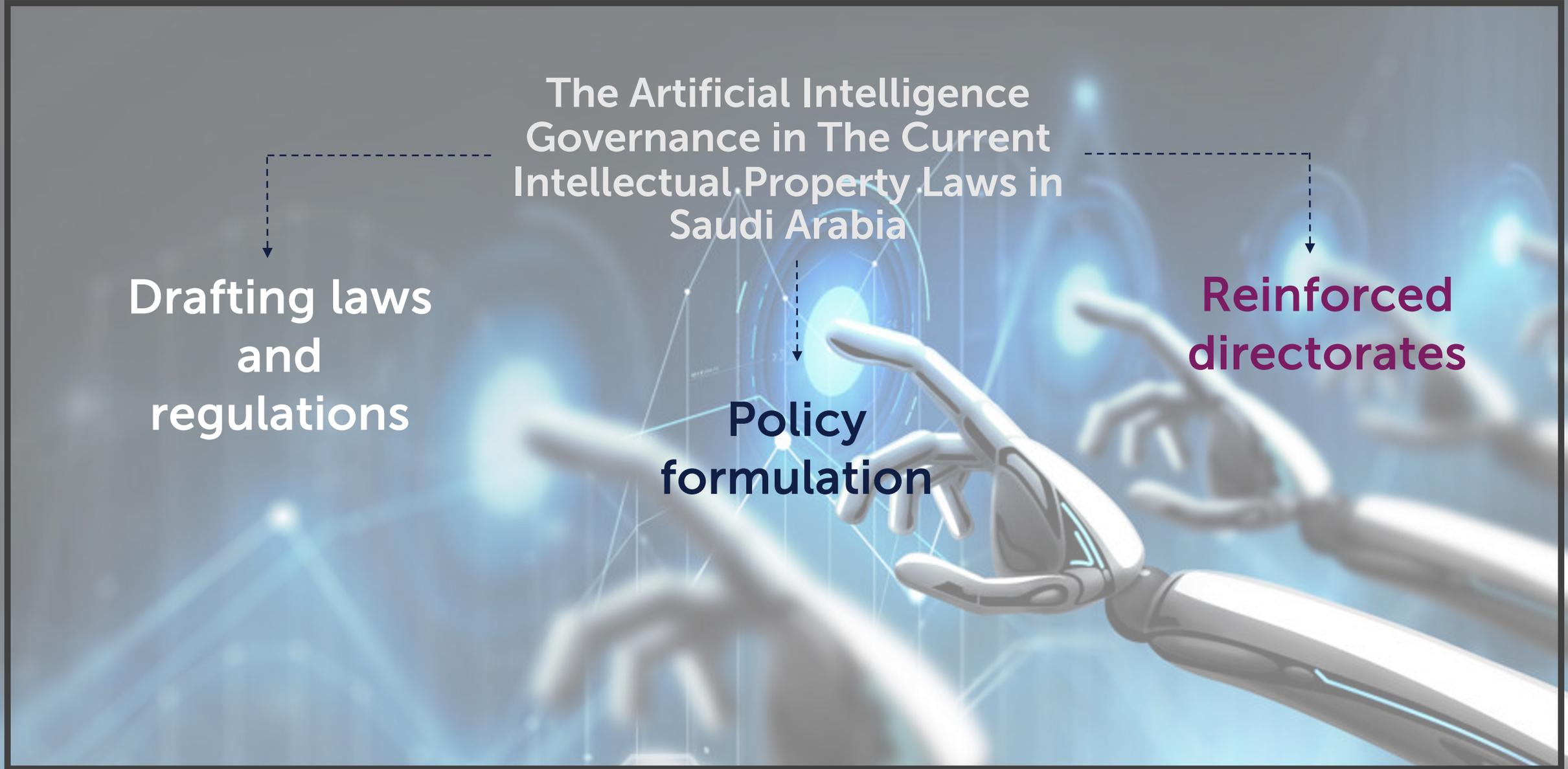


The Artificial Intelligence Governance in The Current Intellectual Property Laws in Saudi Arabia

Drafting laws and regulations

Reinforced directorates

Policy formulation





نيوم NEOM

A city planned to have smart city technologies. These technologies are powered by AI

Legal Infrastructures
Is being developed by SAIP to support AI



AI in Saudi Arabia



Sophia the Robot

Created in 2016 with an AI system designed for general reasoning

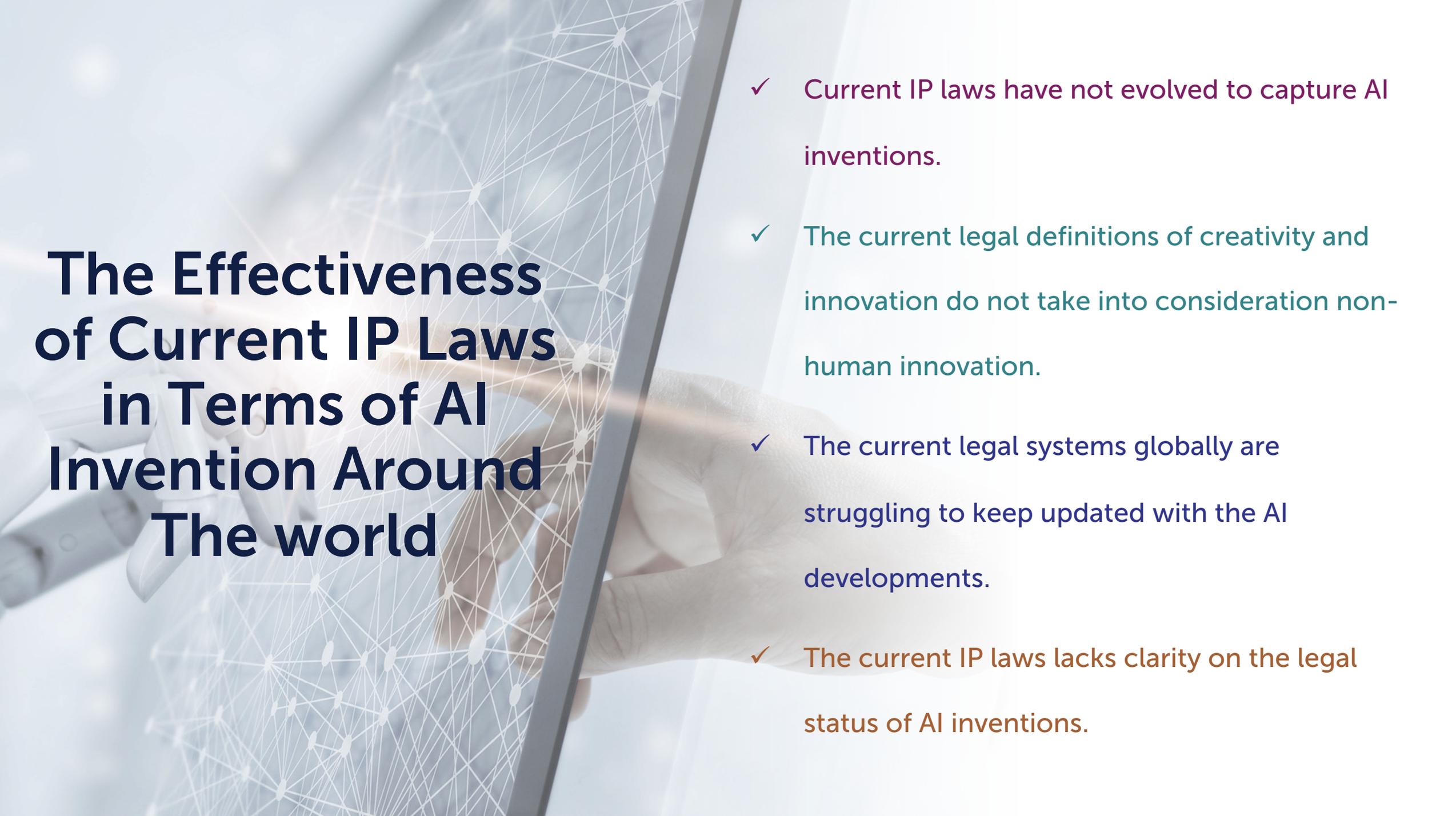


SDAIA

الهيئة السعودية للبيانات والذكاء الاصطناعي
Saudi Data & AI Authority

AI Ethic Principles

To support and drive the data and AI agenda within the Kingdom

A hand holding a tablet with a network overlay. The background features a hand holding a tablet, with a network of white lines and nodes overlaid on a light blue background. The text is positioned on the left side of the image.

The Effectiveness of Current IP Laws in Terms of AI Invention Around The world

- ✓ Current IP laws have not evolved to capture AI inventions.
- ✓ The current legal definitions of creativity and innovation do not take into consideration non-human innovation.
- ✓ The current legal systems globally are struggling to keep updated with the AI developments.
- ✓ The current IP laws lacks clarity on the legal status of AI inventions.

The Artificial Intelligence Challenges

Legal challenges

The current IP laws have not evolved to capture AI inventions (rigid legal framework).

Legal Personhood

Only natural persons are recognized by patent offices globally as rightful inventors and not AI.

Possible Consequences

Infringements, ethical issues.

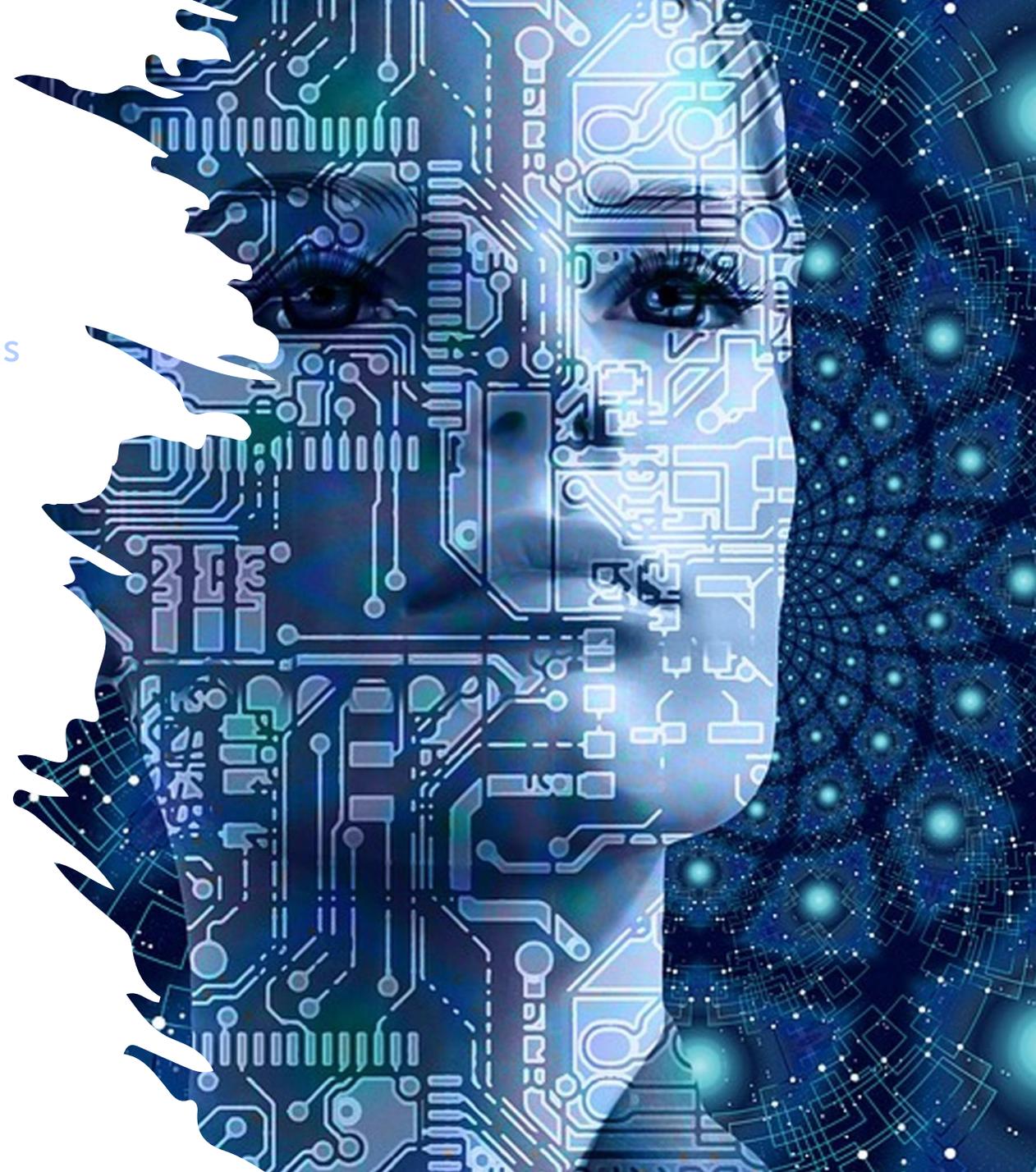
The Way Forward Globally

AI inventions should be patented because AI is regarded as a tool of human author used in invention.

Countries should work to modify the definition of patents to reflect the fact that artificial intelligence is a tool for producing inventions.

There is need for countries to restructure its laws especially the legal requirements for AI inventions.

Relevant policies should be enforced to protect AI-generated inventions against infringement.



Thank You !

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