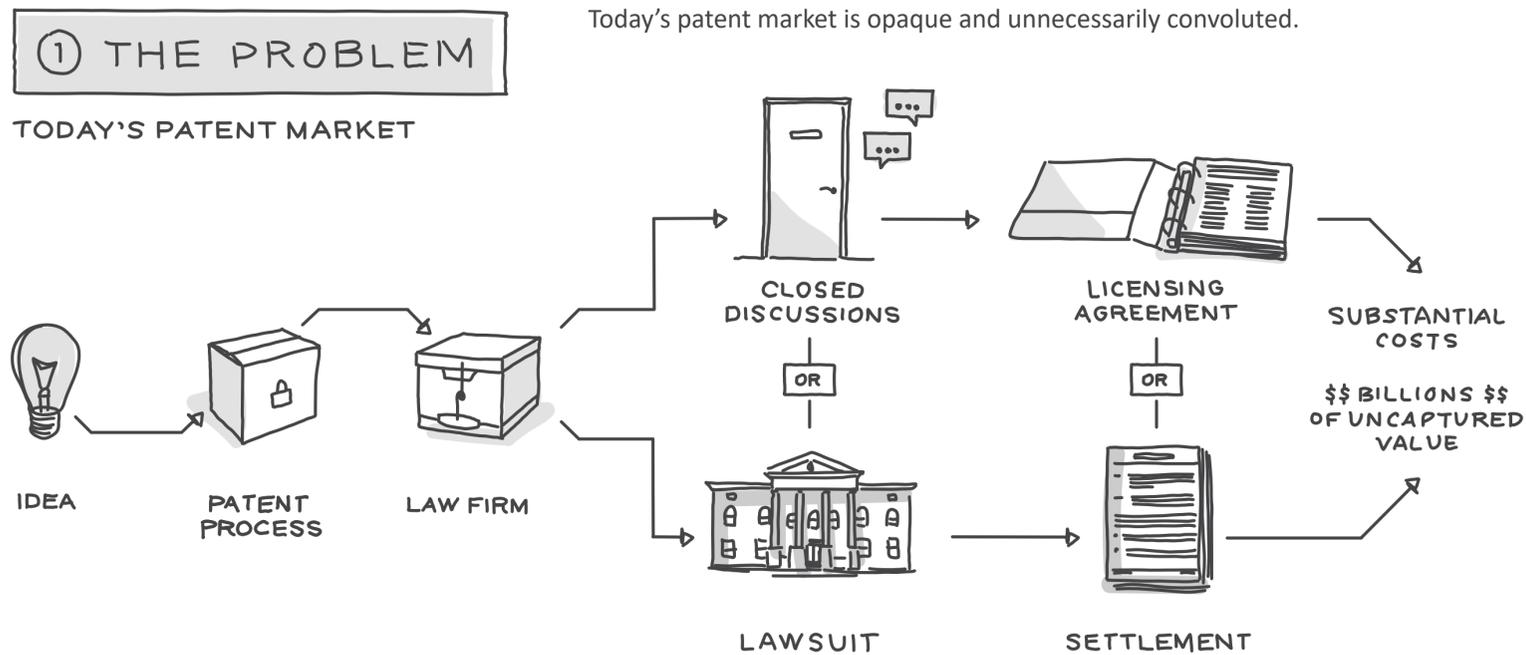


# ① THE PROBLEM

## TODAY'S PATENT MARKET



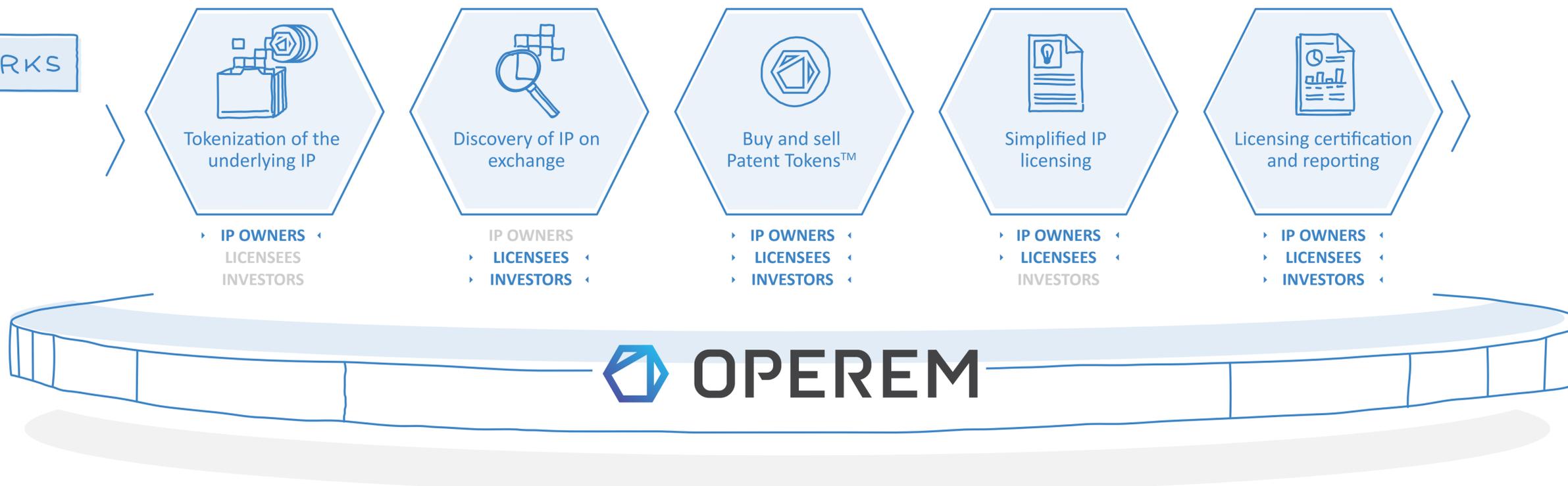
# ② THE SOLUTION

## THE OPEREM EXCHANGE™ PLATFORM

We believe it's time to open up one of the last massively closed asset classes to everyone: intellectual property (IP). The Operem Exchange™ will do just that. We are building the world's first blockchain-based trading exchange for patents, trademarks, and other IP.

PRICE DISCOVERY	LIQUIDITY	TRUST
<b>Drives innovation</b> <ul style="list-style-type: none"> <li>▶ A transparent, open market for patents</li> <li>▶ A new outlet for inventors and those searching for innovations</li> <li>▶ Patent Tokens™ allow more efficient price discovery</li> </ul>	<b>Enables investment</b> <ul style="list-style-type: none"> <li>▶ Access to a new asset class for investors and traders</li> <li>▶ Access to pure financial investors encourages liquidity</li> <li>▶ A secondary market creates further value</li> </ul>	<b>Simplifies ownership</b> <ul style="list-style-type: none"> <li>▶ Clear patent ownership provides greater levels of safety</li> <li>▶ Simplified licensing process accelerates innovation</li> <li>▶ Blockchain provides an immutable record of all data on the Exchange</li> </ul>

# ③ HOW IT WORKS



## PARTICIPANTS

### Investors

- ▶ Buy Patent Tokens
- ▶ Place bets on tech segments, market areas

### Corporations

- ▶ Monetize existing patents
- ▶ Scalable and frictionless means to gain access to IP

### Patent offices

- ▶ Greater patent holder value
- ▶ Ease of administrative burden

### Inventors and universities

- ▶ Monetize existing patents
- ▶ Showcase new ideas

## BLOCKCHAIN BASICS

BLOCKCHAIN TECHNOLOGY WILL TRANSFORM THE WORLD.

"If you understood in 1995 the opportunities and threats that the internet would ultimately present to your company, or industry, what would you have done differently? This is where we are with blockchain today."

GINNI ROMETTY, CEO, IBM



CRYPTOGRAPHICALLY SECURE DIGITAL CURRENCY



DECENTRALIZED NETWORK AND COMPUTING



DISTRIBUTED, LEDGER-BASED DATABASE

## BLOCKCHAIN CHARACTERISTICS



PUBLIC BLOCKCHAIN

Open to everyone and anyone who wants to transact and/or verify as part of the network



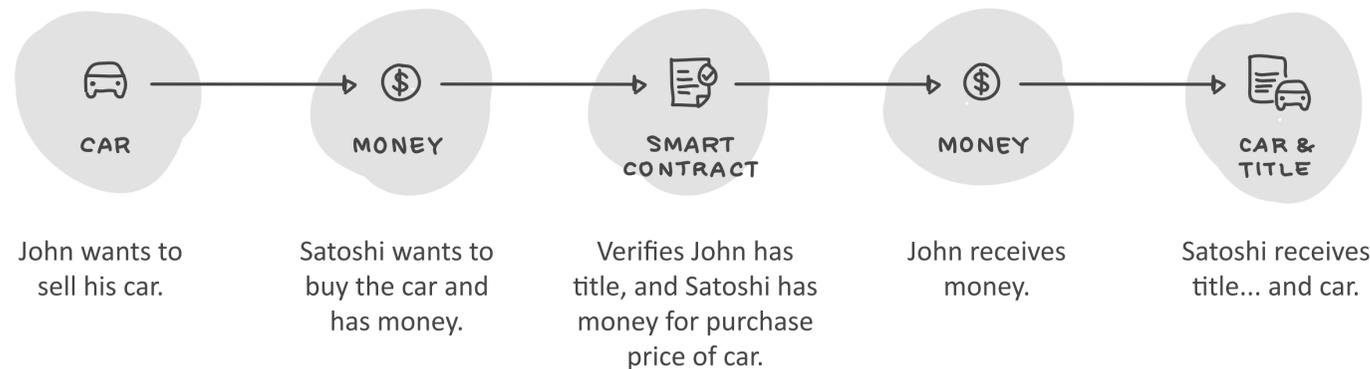
PERMISSION-BASED BLOCKCHAIN

Restricted within a company or limited to a group of cooperating companies

SECURE  
TRANSPARENT  
PEER-TO-PEER TRANSFER  
ENCRYPTED AND PSEUDONYMOUS  
INSTANT, FRICTIONLESS SETTLEMENT  
EASY & ACCESSIBLE

## BIG BLOCKCHAIN BENEFIT: SMART CONTRACTS

Smart contracts are enabling software code that dynamically enforces and executes terms of legal agreements as stipulated by contracting parties.

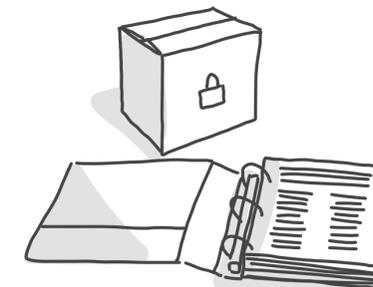


## OPEREM'S REVOLUTIONARY USE OF BLOCKCHAIN TRANSFORMS INTELLECTUAL PROPERTY

DESIRED SOLUTION	TODAY'S PATENT WORLD FROM	OPEREM'S BLOCKCHAIN WORLD TO
DATA STRUCTURE	VARIABLE	BLOCKCHAIN
FRACTIONAL OWNERSHIP	DIFFICULT	INHERENT
FRACTIONAL INVESTMENT	DIFFICULT	ENABLED
LICENSING AGREEMENTS	ONE-OFF	STANDARD
LICENSING PROCESS	HIGH-TOUCH	AUTOMATED
PRICE DISCOVERY	DIFFICULT	ENABLED

↓ ILLIQUID MARKET                      ↓ LIQUID MARKET

## KEY ELEMENT OF THE OPEREM EXCHANGE: PATENT TOKENS



FROM MANUAL, PAPER-BASED IP



### PATENT TOKENS™

Are blockchain-based smart contracts that:

- Define licensing terms
- Convert to license
- Are individually tradable

TO AUTOMATED, SOFTWARE-BASED IP