

**If you were to bring your Blockchain
solution to the market ...**

... what challenges would you face?

The background of the slide is a soft-focus photograph of a wooden gavel lying across several thick, open law books. The lighting is warm and focused on the gavel and the top book.

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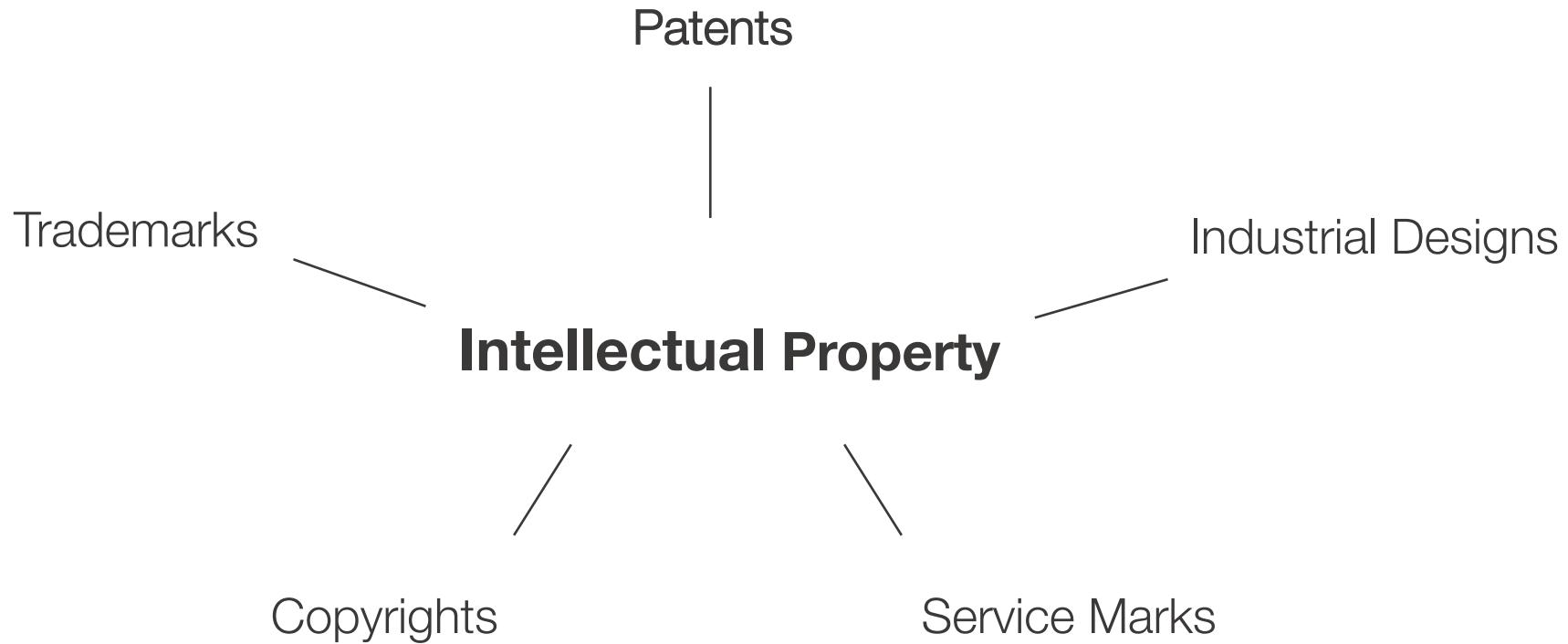
... what challenges would you face?

A blurred background image showing a person's hands holding a smartphone. The screen of the phone displays a colorful, abstract interface, possibly a digital asset or a blockchain visualization, with various shades of blue, orange, and yellow.

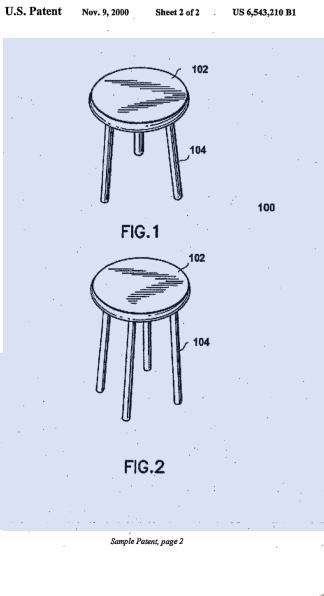
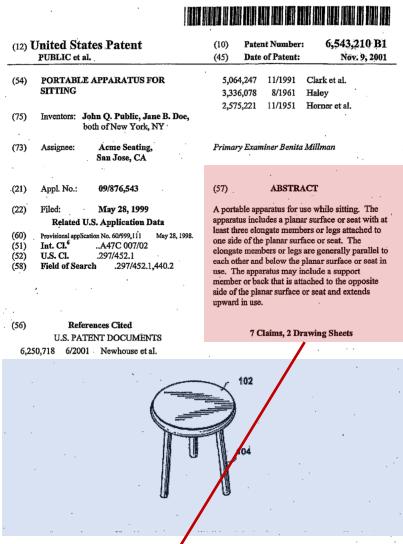
**If you were to bring your Blockchain
solution to the market ...**

... what challenges would you face?

THE HEART OF INNOVATION



PATENTS



US. Patent Nov. 9, 2000 Sheet 2 of 2 US 6,543,210 B1

1 PORTABLE APPARATUS FOR SITTING

BACKGROUND OF THE INVENTION

1. Field of the Invention

This general invention relates to an apparatus for supporting a human in a sitting position, and more particularly to an apparatus that is portable and stable.

2. Background of Related Art

As known in the prior art, a person walking around their environment and place to place can become tired and want to rest. One way to rest is to lie on the ground. However, in many areas the ground is dirt and people do not like to rest without becoming dirty. In some areas, rocks, logs and stamps are abundant and provide a good place to sit. People sit on these rocks, logs and stamps allows them to rest without lying on the ground and becoming dirty. People using this method of resting are often referred to "sit" on the rocks, logs or stamps, or "sitting," and the position when their bottom is resting on a rock, log or stamp is known as a sitting position. In some areas there are very few rocks, logs and stamps and so having a portable apparatus that can be used in particular problem areas with homes, where the rocks, logs and stamps are used to construct the home, and are no longer available.

Even in areas where rocks, logs and stamps are plentiful, they may not be convenient to use because when people want to sit, such as when they gather together as a group around a fire and tell stories.

What is needed is an apparatus that people can use for sitting in all areas, such as areas with few rocks, logs and stamps. What is also needed is an apparatus that is portable so people can easily carry or

3 move the apparatus from place to place, allowing them to sit with others in groups.

SUMMARY OF THE INVENTION

In one embodiment, the invention provides an apparatus that includes a substantially planar surface or seat with a first and second surface or seat 102 and 100, respectively, and three elongate members or legs. The members or legs each have a first end and a second end. The first ends are connected to the first surface or seat 102 of the planar surface and are oriented with respect to the planar surface such that the legs are generally parallel to one another and below the planar surface and substantially parallel to each other. The length of the legs is approximately equal to the distance between the knee and the seat. The height of the second end of the legs is approximately equal in area to the area of the back surface of an adult human. The apparatus may include a support member or back that is attached to the second surface or seat 100 of the planar surface. The support member or back includes three elongate members or legs.

In one embodiment, the apparatus includes a support member or back that is attached to the second surface or seat 100 of the planar surface. The support member or back includes three elongate members or legs.

In one embodiment, the apparatus includes a support member or back that is attached to the second surface or seat 100 of the planar surface. The support member or back includes three elongate members or legs.

DESCRIPTION OF THE DRAWINGS

The foregoing features and other aspects of the invention are explained in the following description taken in conjunction with the accompanying figures where:

FIG. 1 illustrates one embodiment of the invention with three elongate members or legs attached to a planar surface or seat;

FIG. 2 illustrates one embodiment of the invention with four elongate members or legs attached to a planar surface or seat;

We claim:

- An apparatus comprising:

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2, with three elongate members below planar surface 102. In this embodiment, the ends of elongate members 104 that are further from planar surface 102 contact the ground. The elongate members 104 are positioned above surface 102 and also position planar surface 102 in a generally horizontal or parallel orientation to the ground.

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3. An apparatus according to claim 1, further comprising a support member connected to the second surface of the planar surface and oriented in a direction generally parallel to the elongate members.

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a substantially planar surface with a first and second surface or seat 102 and 100, respectively, the members each having a first end and a second end, the first end connected to the first surface of the planar surface 102 and oriented with respect to the planar surface such that the elongate members are substantially parallel to one another and the planar surface and the elongate members are substantially parallel to each other.

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4. An apparatus according to claim 10 to be most effective when used for sitting, there are two elongate members below planar surface 102 and elongate members 104. In one embodiment, the area of the planar surface or seat 102 in general about the knee area is greater than the area of the back surface of an adult buttock. In one embodiment, the length of elongate members 104 is generally equal to the distance between the knee to the ankle of the leg of an adult. This is one of the reasons for using the term "leg" to apply to elongate members 104. Of course, if planar surface 100 is constructed for use by children, the length of leg 104 may be somewhat less than the length of an adult leg. Although this alternative embodiment may have been described herein in detail, it should be understood and appreciated by those skilled in the art that numerous variations may be made within the scope of this invention without departing from the principle of this invention and without sacrificing its chief advantages.

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5. An apparatus according to claim 1, wherein the planar surface and elongate members are substantially parallel to each other.

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6. An apparatus according to claim 1, wherein the length of each of the elongate members is approximately equal to the distance between the knee and the ankle of an adult human leg.

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7. An apparatus according to claim 1, wherein the area of the planar surface is approximately equal to the area of the back surface of an adult human buttock.

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Sample Patent, page 6

Abstract

Drawings

Background

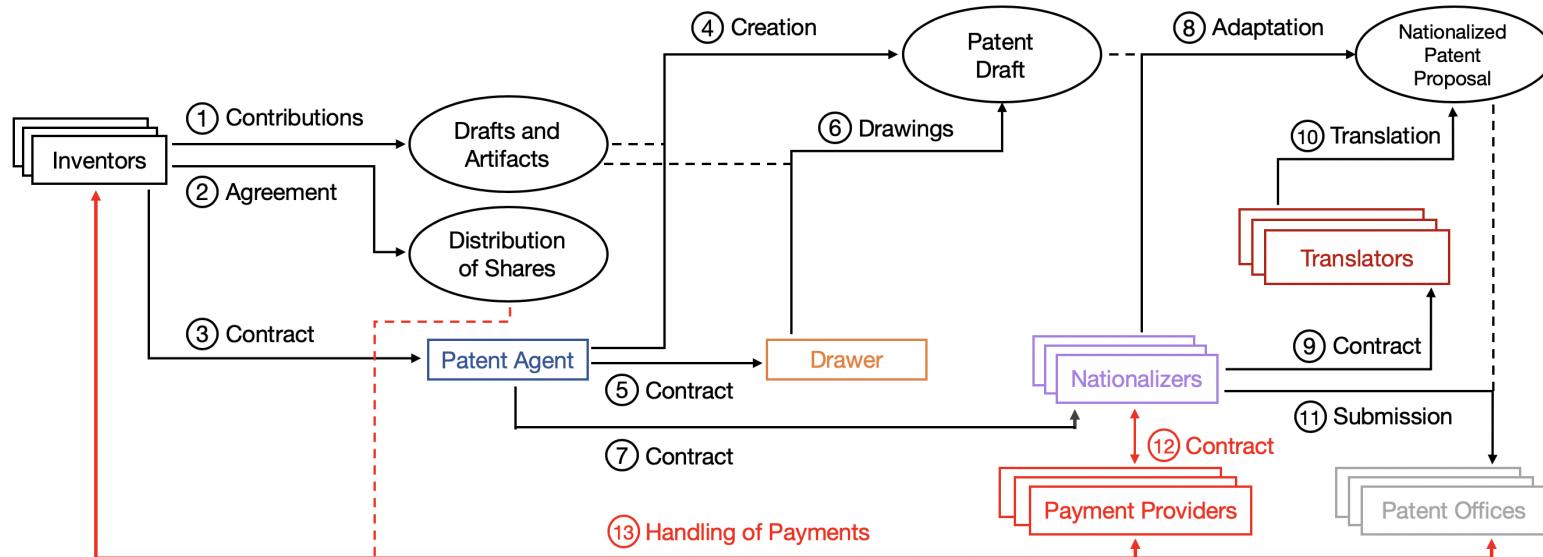
Summary

Detailed Description

Claims

PATENT CREATION PROCESS

- Multitude of ways from idea to patent
- Abstraction of key elements to one patent creation process



THE MAIN QUESTION

Can DLTs benefit
patents and their creation?

Current Downsides



Payment Providers



Inventor Credibility



Lack of Transparency

Upsides DLTs



Smart Contracts



Tamper resistance



Decentralized
Consensus

⇒ Development of a Proof-of-Concept application

TECHNICAL ARCHITECTURE

Frontend: React



Interaction: Drizzle, MetaMask

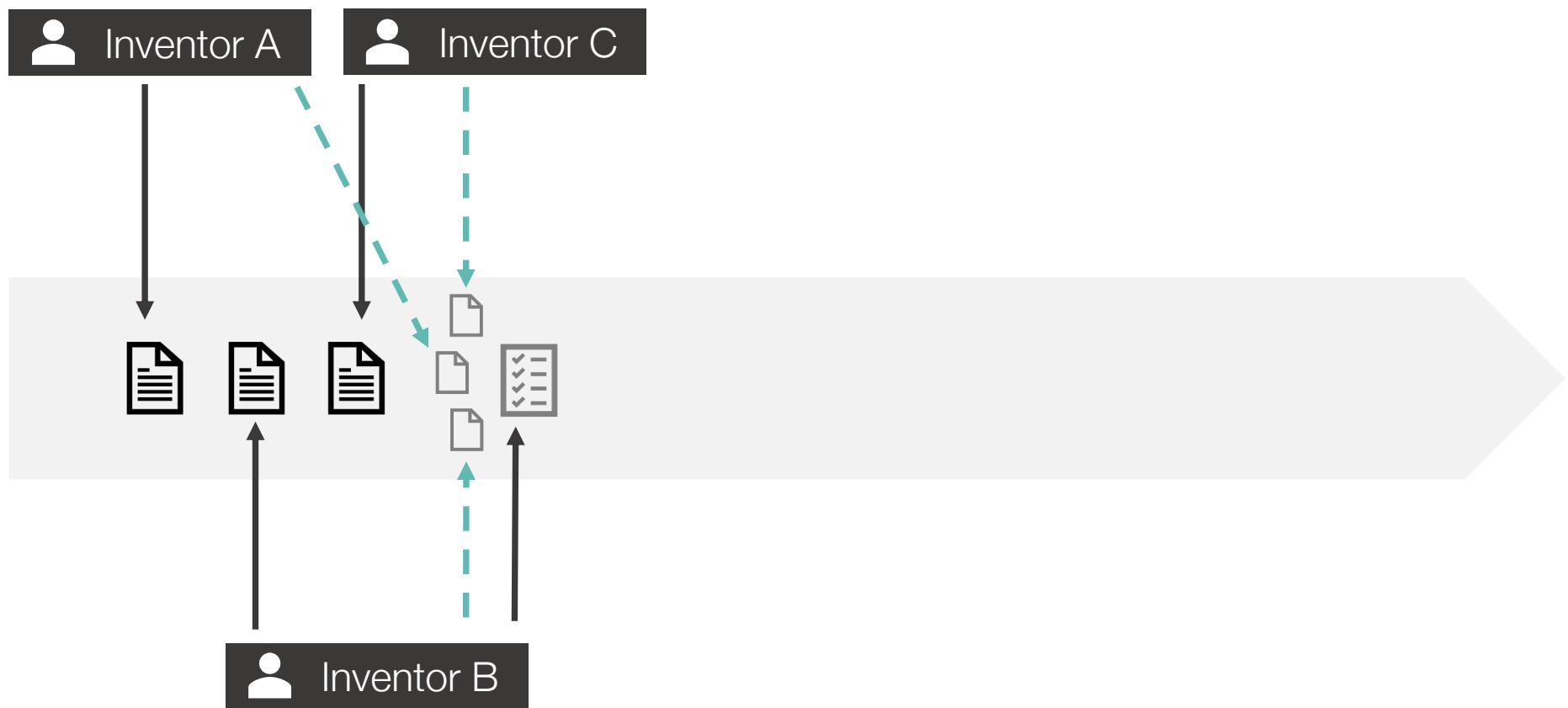
Code Execution: Smart Contracts

DLT: Ethereum Blockchain

File system: IPFS

} Deployment: Docker

PHASE I: CONTRIBUTIONS AND SHARES



Inventors



A screenshot of the Inventor software interface. The title bar says "Inventor". The main area shows a single contribution card with a purple square icon. Below it is a "Upload Contribution" button and a "Contribution List" section which is currently empty. On the right, there's a "Share Proposal" button and a note: "No contribution has been proposed yet". To the left and right of the software window are two vertical images of a city skyline at dusk.

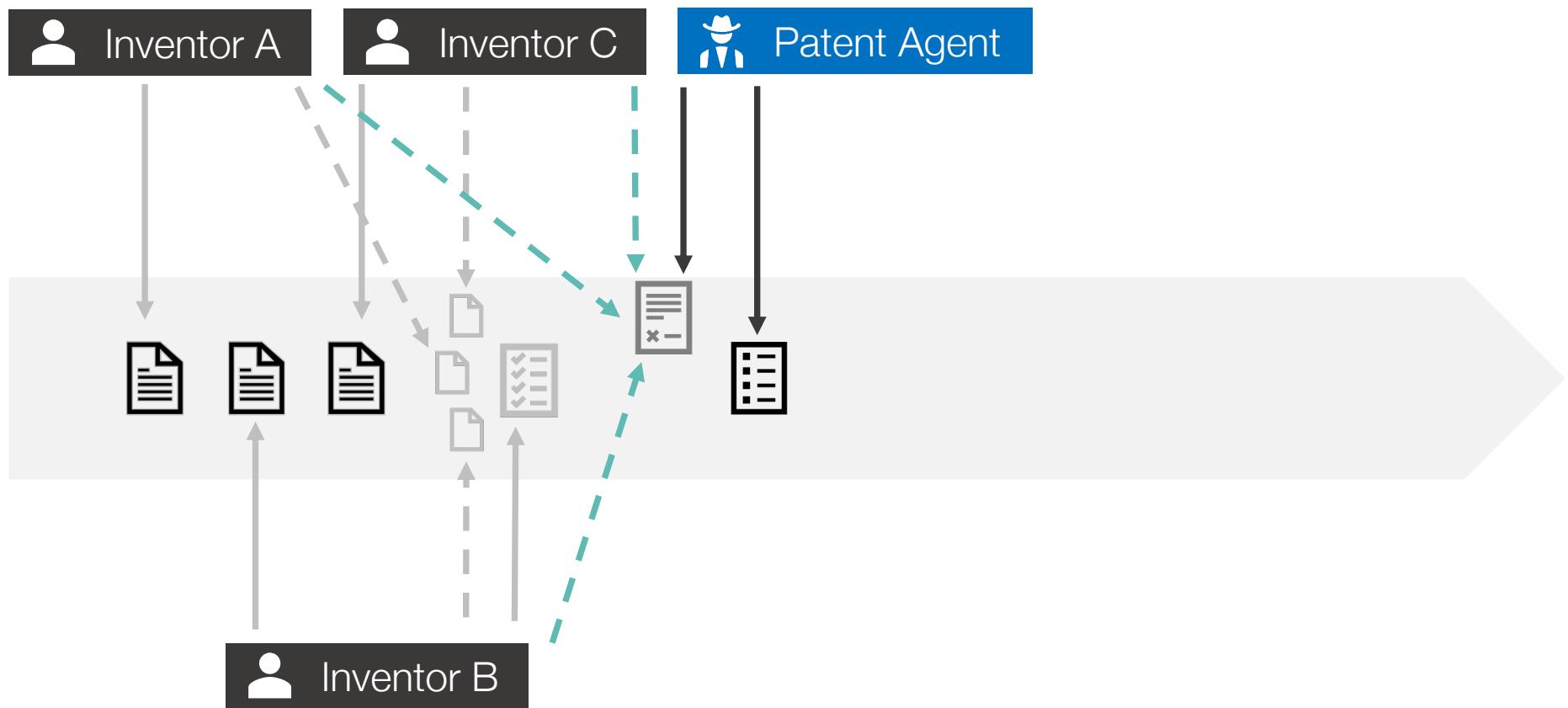


A screenshot of the Inventor software interface. The title bar says "Inventor". The main area shows a single contribution card with a green square icon. Below it is a "Upload Contribution" button and a "Contribution List" section which is currently empty. On the right, there's a "Share Proposal" button and a note: "No contribution has been proposed yet". To the left and right of the software window are two vertical images of a city skyline at dusk.



A screenshot of the Inventor software interface. The title bar says "Inventor". The main area shows two contribution cards, each with a different colored square icon (purple and green). Below them is a "Upload Contribution" button and a "Contribution List" section containing two items. On the right, there's a "Share Proposal" button and a note: "No contribution has been proposed yet". To the left and right of the software window are two vertical images of a city skyline at dusk.

PHASE II: CONTRACTING A PATENT AGENT



Inventors



A screenshot of a computer screen showing the "Inventor" software interface. The window title is "Inventor". Inside, there is a logo of a green and blue square with a small robot-like character. Below the logo, the text "647464705040404030148773070980218" and "Review" are visible. There are several buttons and sections: "Upload Contribution", "Choose file, No file chosen", "Contribution list", "Share Project", and "Contract Proposal". A large thumbnail image of a city skyline at night is visible on the right side of the screen.



A screenshot of the "Inventor" software interface, similar to the one above. It shows the "Inventor" window title, a logo, and the same set of buttons and sections. A large thumbnail image of a city skyline at night is visible on the right side.



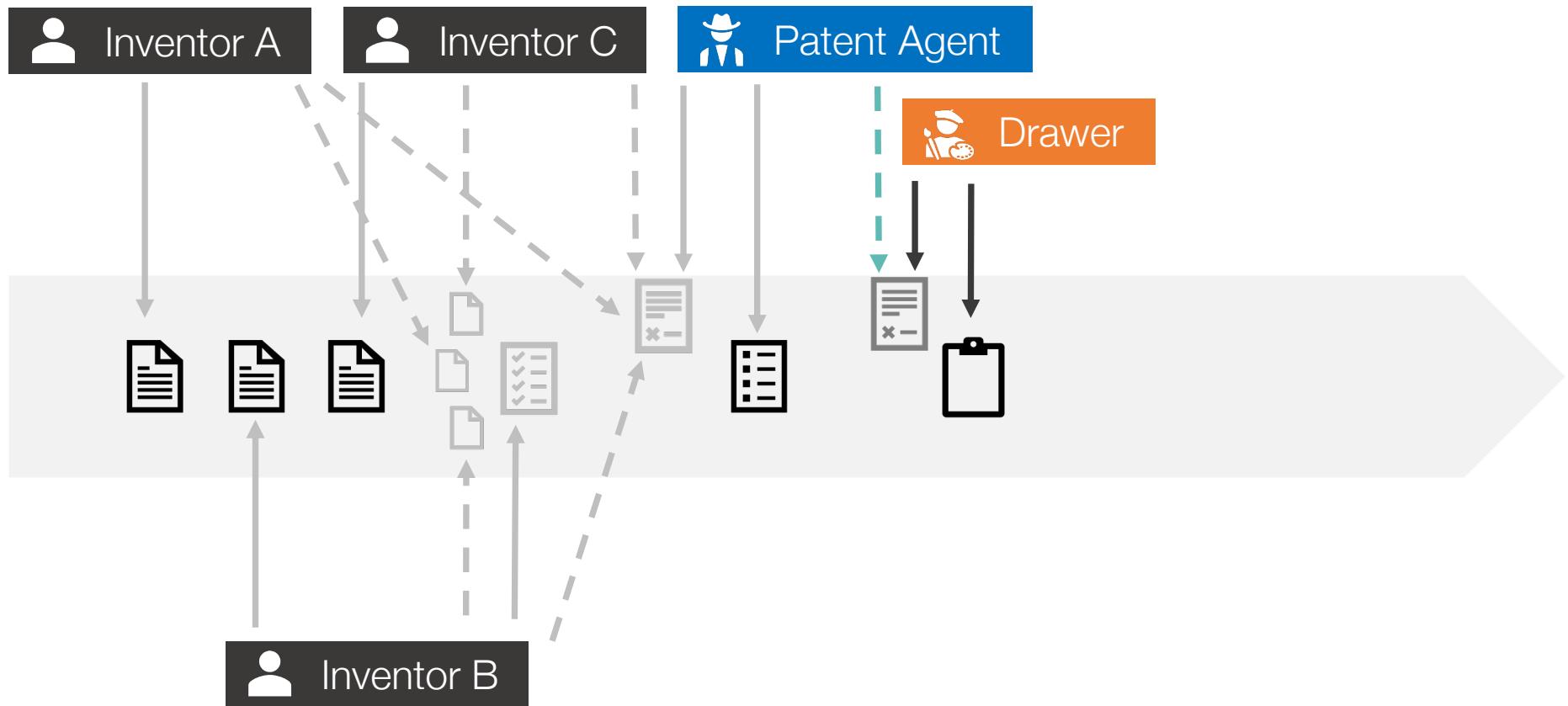
A screenshot of the "Inventor" software interface, showing the "Inventor" window title, a logo, and the same set of buttons and sections. A large thumbnail image of a city skyline at night is visible on the right side.

Patent Agent

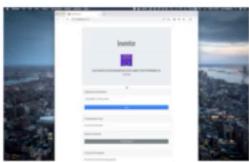


A screenshot of a computer screen showing the "Patent Agent" software interface. The window title is "Patent Agent". Inside, there is a logo of a green and blue square with a small robot-like character. Below the logo, the text "647464705040404030148773070980218" and "Review" are visible. There are several buttons and sections: "Contract For Inventors", "Review Contribution", "Contract", "Choose file, No file chosen", "Share Project", and "Contract Proposal". A large thumbnail image of a city skyline at night is visible on the right side of the screen.

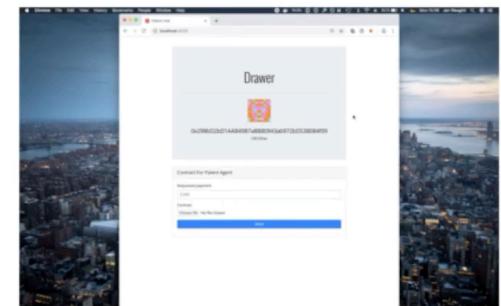
PHASE III: CONTRACTING A DRAWER



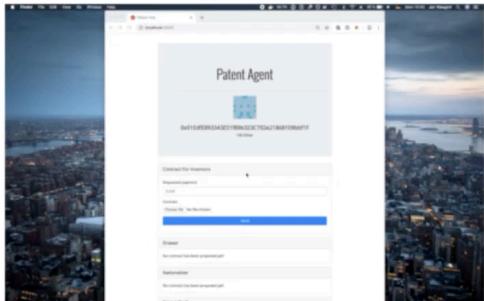
Inventors



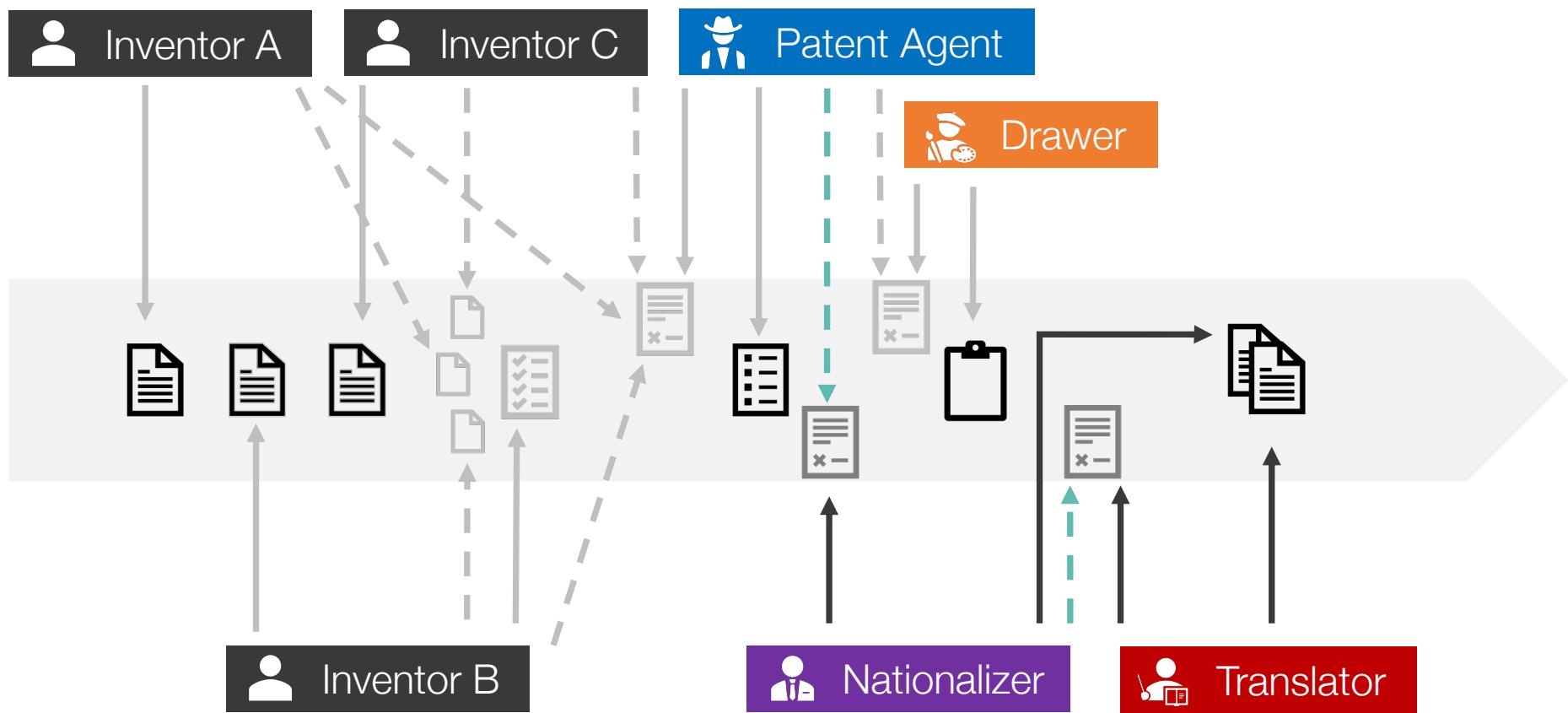
Drawer



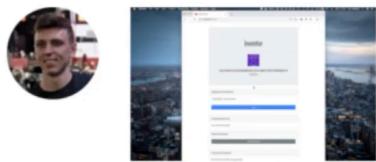
Patent Agent



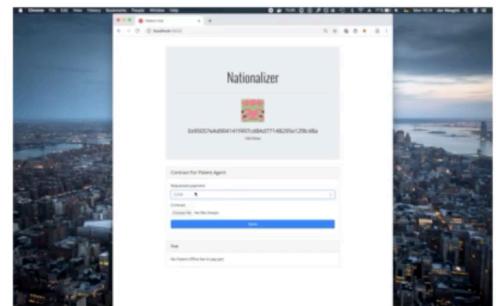
PHASE IV: NATIONALIZING THE PATENT



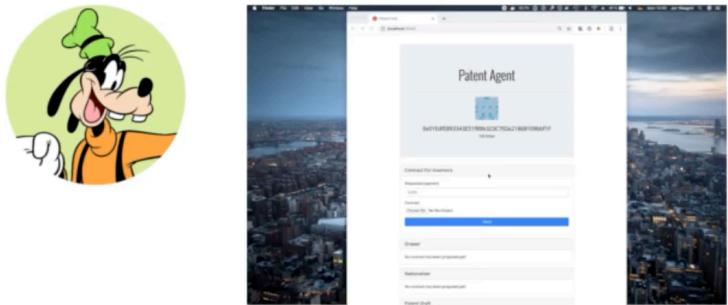
Inventors Drawer



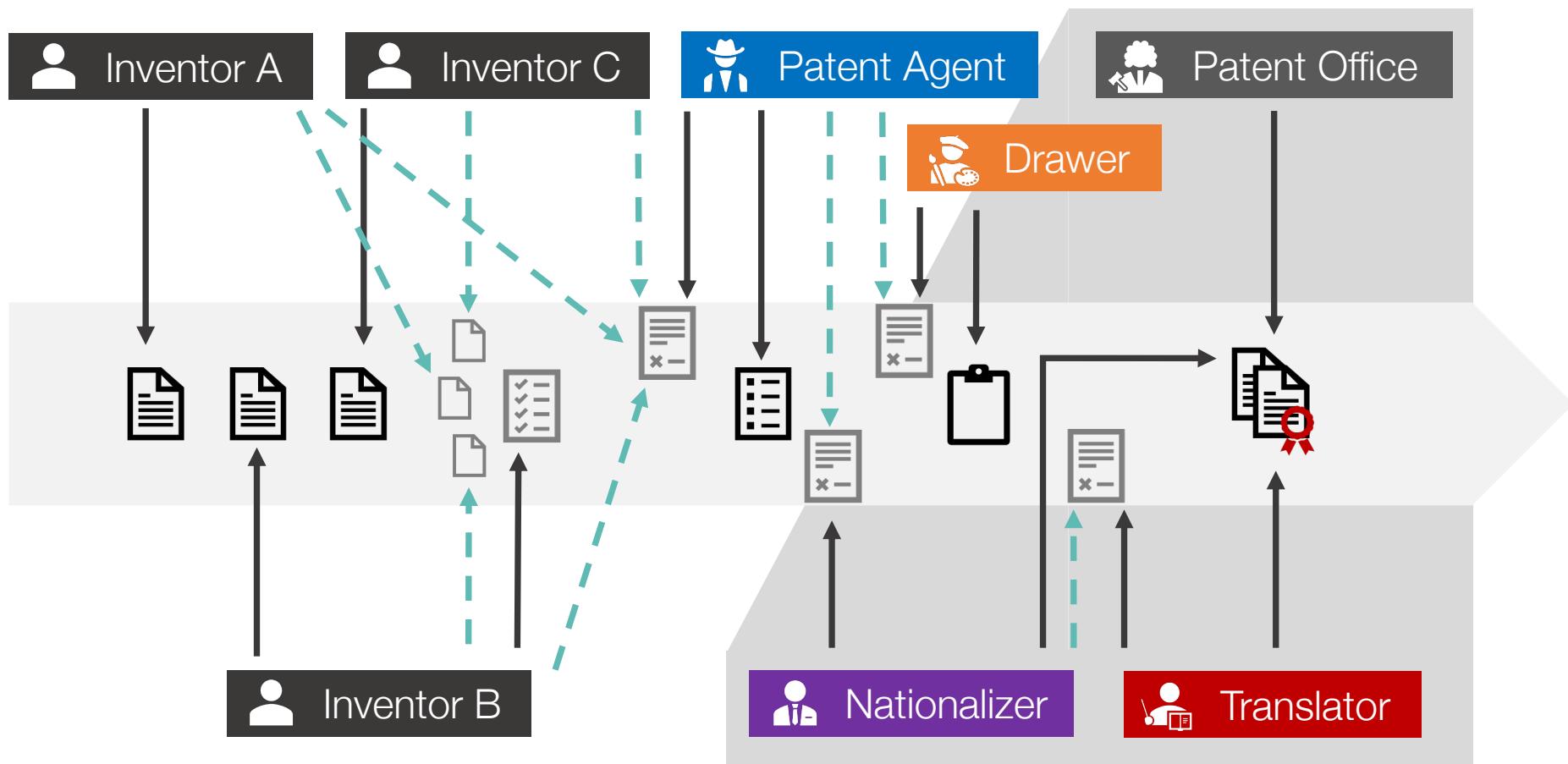
Nationalizer



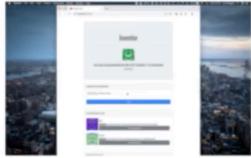
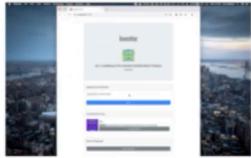
Patent Agent



PHASE V: PATENT REVIEW AND APPROVAL



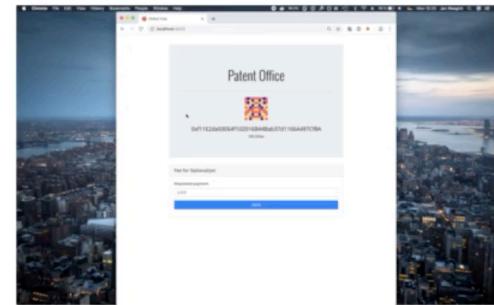
Inventors



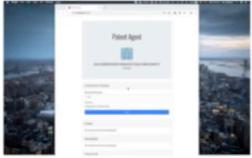
Drawer



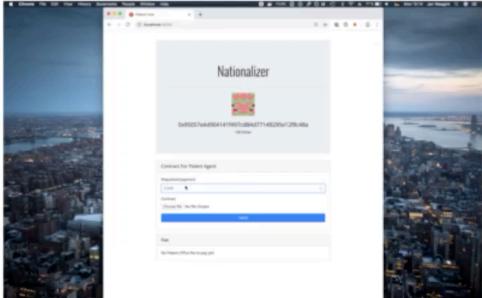
Patent Office



Patent Agent



Nationalizer



EVALUATION

- Automatic Payment Handling
- Access Control
- Unforgeable history
- Consensus on Shares

- Account Privacy (Public Ethereum Addresses)
- Transaction costs
- No Process Flexibility

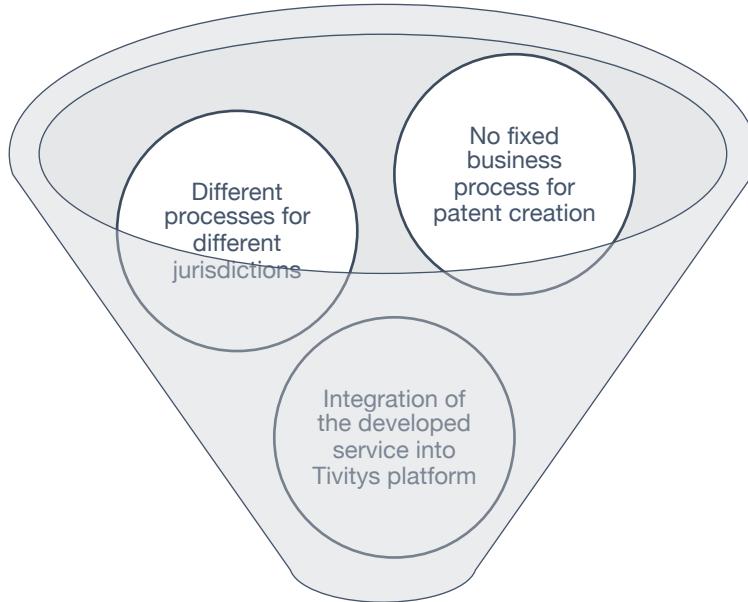
- Automatic Annuity Billing
- Consensus on Patent Portfolios

- Regulatory Approval, Industry Acceptance, Competitors
- No admission in litigations due to unfamiliarity with DLTs

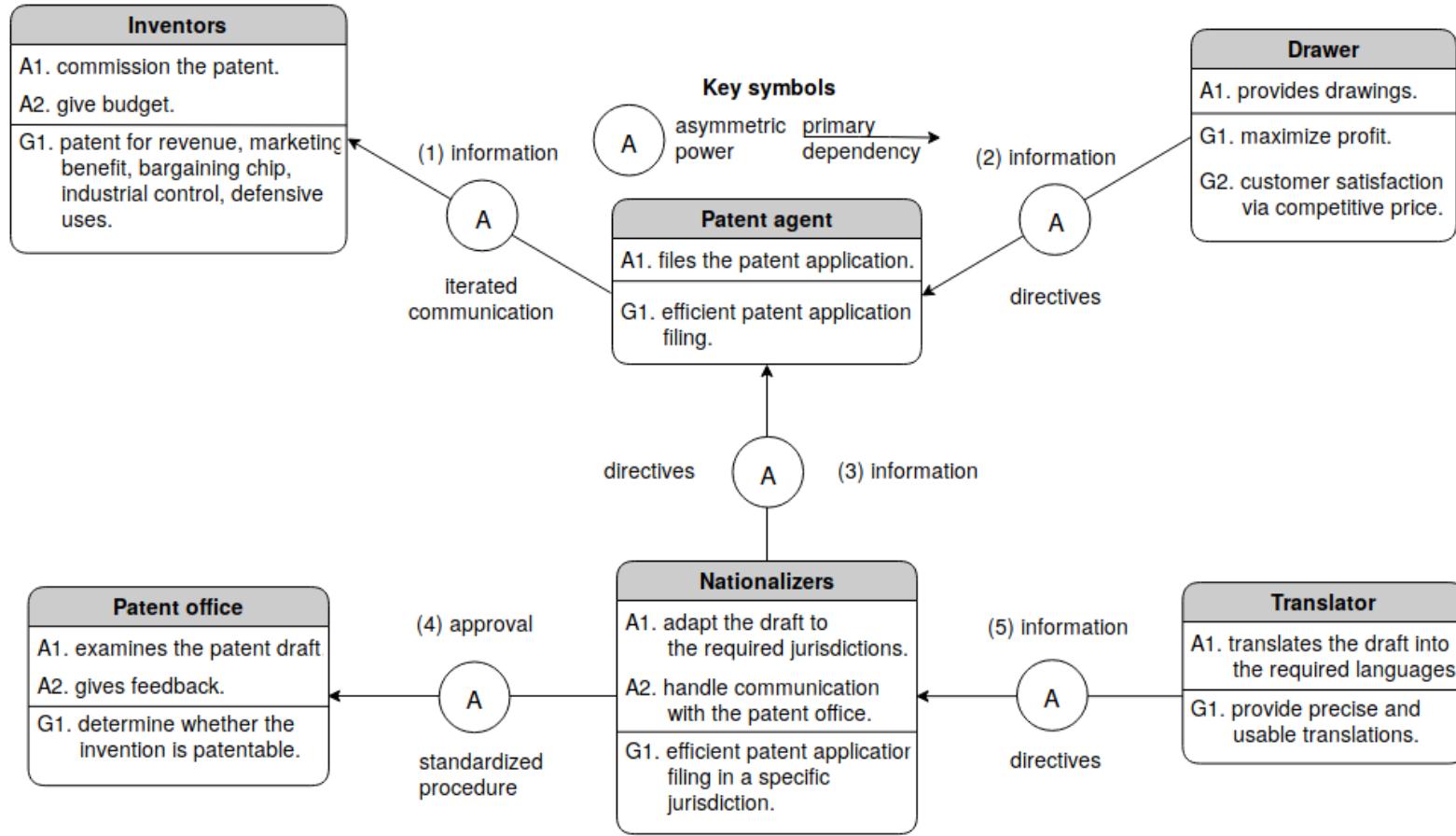
REFERENCES

- World Intellectual Property Organization (WIPO) (2007). *WIPO Patent Drafting Manual*. Retrieved from https://www.wipo.int/edocs/pubdocs/en/patents/867/wipo_pub_867.pdf
- Universität Hamburg (UHH) (2015). *Von der Idee zum Patent: Zeitablauf*. Retrieved from <https://www.uni-hamburg.de/forschung/transfer/wissenschaft-wirtschaft/erfinder-patentberatung/idee-patent.html>
- Cornelli, F., & Schankerman, M. (1999). *Patent renewals and R&D incentives*. The RAND Journal of Economics, 197-213. Retrieved from http://www.fcornelli.uk/images/reports/RJE_SUMM.PDF
- Ølnes, S., Ubacht, J., & Janssen, M. (2017). *Blockchain in government: Benefits and implications of distributed ledger technology for information sharing*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S0740624X17303155>
- Risch, M. (2007). *The Failure of Public Notice in Patent Prosecution*. Harvard Journal of Law & Technology, 21, 179. Retrieved from <http://jolt.law.harvard.edu/articles/pdf/v21/21HarvJLTech179.pdf>

BACKUP – CHALLENGES



BACKUP – STAKEHOLDER MAP



BACKUP – ENTIRE PROCESS

