subsequent blockchain networks have followed that pattern. However, the problem isn't that but the fact that Eleutheros cannot assume that everyone is aware of what the proof-of-work operation is.

This inability to make assumptions result in two separate issues — privacy of the ledger in case of a private blockchain and the mode of publication.

A. Ledger Privacy

If the user opts for a private blockchain network, then the user might not want to disclose it to the public at large. As such, the question before us is whether the publication of the proof-of-work operation by the genesis user must be made mandatory. Doing this might defeat the very purpose of Elutheros, which is to allow the user to decide what type of blockchain network the user wants to implement.

Also, compelling disclosure of the ledger in case of a private blockchain network would downgrade a carefully designed trustless system that makes the ledger accessible only to certain persons or entities. Since we believe in the GPdom to innovate, we are against the idea of placing arbitrary restrictions. Therefore, we do not wish to weigh one type of blockchain network over the other. If a user chooses to create a private blockchain network using Eleutheros, then they should be able to do that.

B. Publication

Coming to the publication part, although this is a problem, we feel it is currently a lightweight problem and there are many more serious issues that need to be attended to. As for now, we shall continue to do what the other blockchain protocols are doing and simply assume that the new nodes will somehow figure out the proof-of-work on a particular blockchain network.

Now this is how we intend to leave it in the short run but in the long run, Eleutheros would most likely adopt the genesis block publishing approach. That refers to establishing an optional mechanism that enables the user who first deploys a new network (the genesis user) to openly publish information regarding the new network on the first block in the new blockchain, along with the proof-of-work operation and other information. Thereby, publishing the proof-of-work operation or any other data would be at the genesis user's discretion.

However, a lot more work needs to be done on genesis block publishing, which involves deciding what information may optionally be published by