# Valuable Ideas in our project

* Module based updatable Synthesizer

The new in this idea is to deploy the synthesizer with a base set of functions and offering the customers more functionality via an online marketplace. Like this the synthesizer is customizable to every project.

* Online Marketplace for Synthesizer effects for third parties

The marketplace for selling the effects can also be opened to third party developers. They can offer their self created effects there and sell them to interested others.

* Synthesizer with Pitch effect

I know that this is not new, but if not, we could propably patent the pitch function we develop.

# Protect this Intellectual Property

First thing is to get a patent lawyer or a company that specializes on this. I know from experience, that doing such a patent request on your own is nearly impossible. The lawyer has to be payed but he can make sure that the patent is not completely useless. If done by the engineer himself, it might be that he does some mistakes in wording of the idea, so it is not defendable in court. But still the patent is public and someone else who knows how to word this can just resubmit it and by this steal the idea.

The patent company can also help by making the patent international, because a patent in a single country seems worthless to me in our current globalized world.

With the help of this company we would pursue the following steps:

1. Formulate Idea on a basic level
2. Bring this idea to the finnish patent office
3. Keep improving the wording of the patent to make sure it is safe in court
4. At the same time apply with the patent to patent offices outside of the EU in important markets for our synthesizer (USA, China, Japan).
5. Once the finnish patent is granted, apply to extend it to a EU patent.

# Profit from IP

The best plan to profit from our IP would propably be to either go all in in founding a own company or selling the IP to some big players in the market.

Since Doepfer already owns the Eurorack system, which is based on a Hardware modularity, they might be interested in our SW based modularity. For Doepfer buying our IP could help them to expand their Eurorack System by a SW modularity and bring the idea to the 21st century by using a online based marketplace like an Appstore.

If we would go for the own company it might be hard to compete against the big players on the market, because the DoItYourself Music synthesizer market is not that big and already occupied by some known brands. So having a strong investor is mandatory in that case. The founded company can then make money from selling the base version of the synthesizer and can also charge a certain percentage of all sales made on the synthesizer effect market place.