Languages: English | French | Spanish | Russian

Development Factory patent and its BASE implementation

Click on 1 to listen to AI-agent 1, then come back and click on 2.

We offer a platform and services to move your work to the conversational AI world.

Development Factory is a System with conversational approach to AI for development, manufacturing, and marketing products and services. Also, for personalized educational development as we try to test in AITU (AI / Internet Technology University).

The patent describes processing components and methods of their interaction.

Let us talk about development part, although the system also includes manufacturing and marketing components.

You know that performing any task often includes a development process with many steps, and sometimes many teams.

Business folks clarify business goals, architects provide tech plans, and technicians work on technical details.

In this process people converse to better understand each other.

Such process takes weeks, months and might take years.

The Development Factory system cuts this time to minutes.

The system will initiate a conversation working as a set of smart and knowledgeable partners, AI agents, which represent development layers. AI agents help to navigate between these layers and retrieve all necessary details from private corporate data, and from public Large Language Models (LLM).

The system includes conversation mechanisms and a set of graph processing units, AI agents. Each agent is a Conversational Semantic Decision Support (CSDS) system.

Now we talk about GPT by OpenAI, Gemini by Google, AI tools by Meta and by Elan Musk. These great companies compete in delivering best semantic models, Large Language Models (LLM) capable of understanding natural language.

We do not compete in this field.

We use different LLMs just as tools to create enterprise products on the top of these tools. We developed a highly customizable platform, called BASE.

We offer our service to connect to enterprise data and customize the system to work on specific tasks in their specific business knowledge domain. In our platform we use together LLM with public data, private enterprise data, and conversational AI mechanisms.

Examples:

In the patent we provided the example of designing a flying car. Here is a need at least for 3 AI agents, semantic processing systems, which are connected to the data in 3 knowledge domains: building cars, designing planes, and FAA regulations.

Another example is in education: a personal tutor for each student, adapting to learning differences. Any trainer or a teacher knows first-hand that our current educational system focuses on average students leaving some behind and making some extremely bored. We wrote several articles on the subject, like Fixing Education, The Message from 2040, and more.

In the founded AI / Internet Technology University we use some AI components.

Another example is helping in a complex law case.

Imagine that a senior partner would ask an associate for a search in a specific direction. After a day or two the associate comes back with some suggestions. A senior partner would say that this is not a solution and send the associate for another search. Our development factory will be connected to proprietary set of legal data, which are not available for a public, but available to the law firm. Our AI agents will work with a senior partner as smart, knowledgeable, and extremely fast consultants.

Our niche is working with corporate clients, providing subscriptions or internal installations of our platform, the BASE, connecting to corporate data, which enterprise does not want to share with public.

We offer the service to add AI components to corporate business for specific most profitable tasks.

Back to the patent: you do not see many patents in this field. Our patent is one of the strongest.

QnA:

>> **Is it safe to say using the BASE platform is just another one of many platforms to help transition companies from their current data structure to an AI based data structure?**

Let me split it into 4 answers:

1. The BASE platform helps transition companies from their current data structure to an AI based data structure.

2. The BASE platform helps transition companies from the current manual decision-making processes to Conversational Semantic Decision Support systems.

3. >> **is just another one of many platforms**

I do not know other platforms specifically designed for these purposes; they might exist; but even if they exist, our advantage is:

4. The BASE platform is an initial/prototype implementation of the Development Factory patent, which makes completely legal what we plan to do with this platform for enterprise companies, while other platforms might violate the claims in the patent.

>> How do we plan to monetize?

We will use the BASE platform (protected by the patent) to help transition companies from the current manual decision-making processes to Conversational Semantic Decision Support systems. We will use licensing and subscription using our cloud solution, and direct installation the platform at the enterprise for the fee.

This means starting with a small team and grow into future IPO.

References:

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https://itofthefuture.com – Semantic enterprise architecture of the future

https://aitu.us/askcsds.jsp – Ask Conversational Semantic Decision Support

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2025-PatentEvaluation | 2024-PatentEvaluation.pdf - Development Factory Patent Evaluation

https://aitu.us/itu/ChatGptAboutDevelopmentFactoryPatent.pdf - ChatGPT about the patent

https://patents.justia.com/inventor/yefim-zhuk | Brief Patent Descriptions

https://aitu.us/itu/Investment-Offer.pdf - Investment Offer

As any productive talks, AI conversations are two-way streets.

A user learns from AI agents and same time AI agents learn more about the user and user's intentions.

In the corporate business, the benefits of AI agents are especially efficient with integration of proprietary corporate data and public data collected in Large Language Models (LLM).