

"ConstructionWithoutCrane"

new technology for the construction of buildings and skyscrapers

For more than a century, people have been building multi-storey buildings, and today buildings are being built using technologies in the USA - Upbrella Construction, in Austria - Hickory Building Systems, in the UK - Jump Lift, in China ... their technologies ...

These technologies only marginally improve the performance of traditional technology. All these methods (technologies) are built by lifting materials and building structures to the floor under construction.

ConstructionWithoutCrane - Builds by raising the building under construction to a floor height ... always builds the "first" floor. And then, having a "permanent work site", we will be able to robotize, automate basic construction work ... and build the floors of the building like machines on an assembly line. (Watch video 11-07 mp.4)

So, having mastered the new technology, we will be able to build from a permanent construction site, on which, having placed robots, other automated systems, in the end, we will get more productive and high-quality, continuous construction work, safer work during the construction of buildings (skyscrapers) in any weather.

Even fresh concrete does not interfere with the continuous construction of buildings (skyscrapers) ...

(photo 999.jpg)

And most importantly, having mastered it, we will build much faster, twice (or more) faster, in comparison with the existing technologies for the construction of buildings (skyscrapers).

Why can you make such a conclusion ..?

If we assume that the first floor of a building using any of the existing technologies is being built at the same time, then the next floor and further existing technologies are guaranteed to be built longer and only the new, proposed ConstructionWithoutCrane technology will spend on the construction of the first floor of the building and the same amount of time on construction second floor of a building, third ..., any floor.

If we consider the construction of a building (skyscraper) today and assume that each subsequent floor of the building is built on average 5% longer than the previous one, then we get that a building with a height of about 40 floors using traditional technology will be built twice as long as using the ConstructionWithoutCrane technology ...

Existing technologies have insurmountable issues in solving, this is only one! of them sounded above.

The new ConstructionWithoutCrane technology has no insurmountable questions - it has continuous production of work, the ability to fully robotize and automate the production of basic construction work during the construction of buildings (skyscrapers):

- amazing economic performance in the construction of tall buildings (skyscrapers) (see photo 1234 (1) .jpg).

And a colossal commercial project.

If we build tall buildings twice or more quickly, we will win all tenders for the construction of skyscrapers in the world. 120 or more of them are built annually. The turnover of our company will very soon be \$ 120bn.

The company's turnover can be increased by an order of magnitude. if you build housing using new technology around the world.

To master the technology, I propose to carry out a "trial work" - construction of the building. We will construct a building with a commercial area from 50,000 m2 to 60,000 m2 (floor area of the building - 500 m2, number of storeys - 80 and 120 floors):

- preparation for construction - 6-9 months;
- construction of the building itself - 6-9 months;
- the necessary funds for preparation for construction - \$ 20 million.

In this case, we will be able to master the technology and return (with the sale of commercial space) investments.

Many commercial structures are ready to finance the project. For example, the structures of Mukesh Ambani, Bank of America.

The prospects are stunning. But they need to be kept by improving and developing new technology.

Now one method of building buildings (skyscrapers) has been patented, one of the methods of synchronous lifting of a building under construction is used.

Prospects for the development of new technology, I see in the development of lifting a building under construction in all possible ways, for example, ... with winches.

But the winches existing today are very bulky and difficult to imagine their use. The winch weighs more than 20% of its lifting capacity. If you build a building weighing

500,000 tons, then the weight of the winches should be about 100,000 tons or more, where should they be placed ...?

Then it is necessary to create such winches, the weight of which would be small. I have a concept, for such winches, their weight should not exceed 1% -1.5% of the carrying capacity.

For the successful development of the project, the participation of a global construction company is necessary.

All world innovations are introduced and move forward our civilization ... by extraordinary, restless people.

I invite you, an ambitious company, to master and promote the new technology and the ConstructionWithoutCrane project.

Civil engineer Ashurbeyov Igidali. Russia, Rostov-on-Don.

<http://igidali.ru>

RF patent for invention No. 2716319

International patent application PCT No. RU2019000773