



Super Intelligent Robots (2007)

By Mitchell Kwok

The world's smartest and fastest computer

I published my first book on Human-Level AI in 2006. I am absolutely convinced that the design to the invention is correct.

After a year past, I was so bored I decided to "advance the technology". My goal in late 2007 was to design a super intelligent robot, a robot that is so smart that no one can design a smarter robot.

I came to the conclusion that the intelligence of the robot is determined by how fast it can accomplish a human task/s. For example, if a robot23 can solve a complex math problem in 1 second and robot44 can solve the same math problem in 1 week, it is apparently clear that robot23 is a smarter robot. Another fact is that the intelligence of the robot depends on how accurately it can predict the future and how long into the future it can predict.

In terms of prior art, the only person I know of that has written a book on super intelligent robot is Nick Bostrom from the University of Oxford. He theorizes that a robot with Human level AI will have the ability to modify its own programming and after each generation, the robot's intelligence gets smarter and smarter until it goes beyond human-level intelligence. This evolution of intelligence isn't how my super intelligent robots work.

Here is a video I made describing a super intelligent robot:

<http://youtu.be/KNsLZLB7SyY>

Here is another video I uploaded describing a super intelligent robot:

<http://youtu.be/RWIX6EGynnU>

The super intelligent robot is just a "continuation-in-part" to Human-level artificial intelligence. Shortly after Human-level artificial intelligence is developed a super intelligent robot will be created.

This document also includes a very complex law system these robots follow to ensure no robot will kill or harm a human being. This law system will ultimately prevent these super intelligent robots from exterminating the human race (I'm 99.9% certain).

Table of content:

Introduction (cover sheet): page1

Summary of Invention: page2-page13

Invention: Psychic robot (aka super intelligent robot, 2007)

Patent application: **US 12/135,132**

Inventor: Mitchell Kwok

This patent is about a robot with psychic abilities (aka super intelligent robot). Here is the abstract of the invention.


Abstract

A method and system for creating human robots with psychic abilities, as well as, enabling a human robot to access information in a virtual world to predict the future accurately and realistically. The present invention provides a robot with the ability to accomplish tasks quickly and accurately without using any time. This permits a robot to find a cure to cancer, fight a war, write software, read a book, learn to drive a car, do any human task, make a comic book or solve a complex problem in less than one second.

How does this Psychic robot work?

Here is the data structure of my psychic robot. First, you need a humanoid robot with human level AI. This means the robot has intelligence and skills of a human at a college level.

The robot has a built in virtual world and has the freedom to enter and exit said virtual world at any given time.



built in virtual world

procedures to solve a problem in one second:

- 1. identify a problem to solve and enter the virtual world.**
- 2. set the environment of the virtual world and generate teams of virtual robots.**
- 3. do work in the virtual world.**
- 4. after problem is solved, exit virtual world and enter real world.**

Inside the virtual world is a simulation of real world environments. The robot's brain will be tricked in these simulations to produce results.

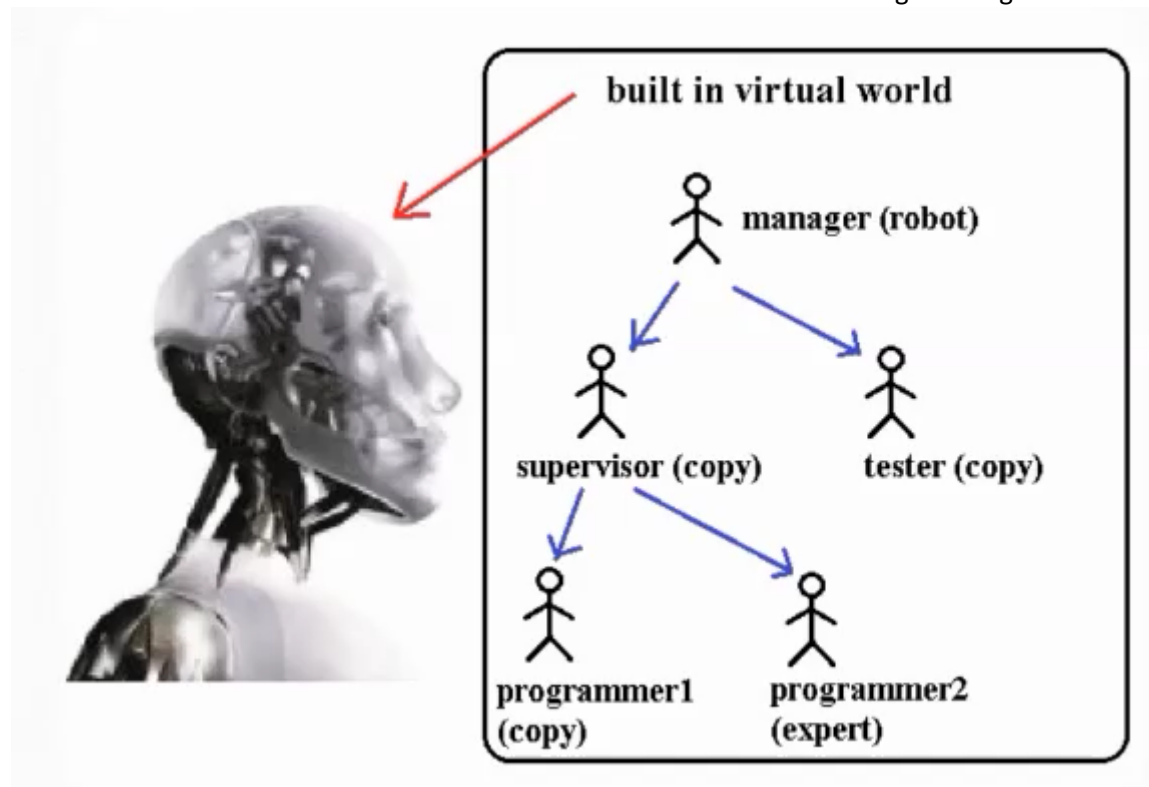
The basic idea behind this invention is to have the robot do work inside a virtual world instead of the real world to save time.

The robot uses the following steps to solve a complex problem in one second:

1. identify a problem to solve and enter the virtual world.
2. set the environment of the virtual world and generate teams of virtual robots.
3. do work in virtual world.
4. after problem is solved, exit virtual world and enter real world.

Let's say the robot wanted to write an operating system. The virtual robots are structured like a software company and they work inside the virtual world for 30 years to write an operating system. 30 years inside a virtual world is like 1 second in the real world because the computer can fast forward time. If you look at Microsoft, they needed 30 years and thousands of human programmers in order to write the windows 10 operating system. My psychic robot can do the same task of writing an operating system, in less than 1 second. This robot can solve any given problem in one second. It can write a book, find a permanent cure to cancer, do 30 years of research, make a movie, solve a long math equation, or do any college assignment, in less than 1 second. So, that is the basic idea and summary of my psychic robot. This technology is also known as a super intelligent robot.

Inside the virtual world, each copy of the robot, called virtual robots, have their 5 senses and mind tricked to believe that events are happening. They won't know the difference between events in the real world and the virtual world. I think of this method as robot's dreaming of doing work.



Each virtual robot is referencing the brain of the robot in the real world. Think of each virtual robot as a software "instance" of the robot in the real world.

Applications of the technology:

There are many things this robot can do. In the patent I describe 3 examples to illustrate the capabilities of this psychic robot:

1. the robot can predict the future by simulating possible future outcomes in a virtual world and selecting an optimal plan to take action.
2. the robot can learn knowledge, learn a new skill, or practice a pre-existing skill in less than 1 second. The example I use in the patent is learning how to fly a plane. If the robot was in a plane and the pilot dies from a heart attack, and the robot has no knowledge of flying, he will use the virtual world to learn to fly a plane.

He will immediately enter the virtual world and spend 5 years learning knowledge about flying different planes and practicing how to fly. After he has acquired the knowledge to fly, the robot exits the virtual world and enters the real world. The training process took less than 1 second and, now, the robot has expert knowledge to fly a plane.

3. the robot can do any work inside a virtual world to extract specific data to use in the real world. This method saves time and allows the robot to accomplish 30 years of work in less than one second. Writing an operating system in less than 1 second is one example of this method.

How does the robot predict the future?

Let's go into the details of the robot predicting the future.

1. the robot can predict the future by simulating possible future outcomes in a virtual world and selecting an optimal plan. This method is very similar to Nicholas cage's movie, Next, or Tom cruise's movie, Edge of tomorrow.


The steps to predict the future includes:

1. the robot wanting to achieve a goal or a set of goals.
2. the robot will enter the virtual world and make many digital copies of itself, called virtual robots.
3. each virtual robot is given a future possibility and its' mind is tricked inside a virtual world.
4. each future simulation is ranked and the most optimal plan will be selected by the robot in the real world, to take action. The optimal plan includes both mental thoughts and physical actions.

Since the process of predicting thousands of possible future outcomes is done inside a virtual world, the predictions can be accomplished in less than 1 second.

This for-loop is there to make sure the optimal plan is accurate, since we live in a dynamic and changing environment. Thus, the robot is predicting the future every second.

the steps to predict the future includes:

- 
- 1. the robot wanting to achieve a goal or a set of goals.**
 - 2. the robot will enter the virtual world and make many digital copies of itself, called virtual robots.**
 - 3. each virtual robot is given a future possibility and its mind is tricked inside a virtual world.**
 - 4. Each future simulation is ranked and the most optimal plan will be selected by the robot in the real world, to take action. the optimal plan includes both mental thoughts and physical actions.**

repeat every second

What this psychic robot is doing is, it is trying to predict the future for every single future possible outcome (heuristically). It will outsmart any human in any game, regardless of how skilled they are or how lucky they are. The robot sees all the possible actions it can take to achieve a goal or a set of goals. Ultimately, it will select linear actions that will lead to victory.

The problem that is partially addressed in the patent is, how does the computer simulate future events?

All objects must be simulated in the virtual world. The hardest objects to simulate are intelligent beings like humans, animals, and insects. Also, simulating machines like computers, cellphones, fax machines, planes, and cars are very difficult. The solution to this problem, which is presented in the patent, is to have a team of these virtual robots doing work to supply possible future events. These robots are using investigative tools to simulate the future physical actions and mental thoughts of living beings like human beings or animals. Or they can use sophisticated algorithms to predict what will happen in the future.

How do I make the robot smarter?

I propose 3 methods in the patent application:

1. increase the length of future predictions. The farther into the future the robot can predict, the smarter it becomes. For example, if Microsoft builds a robot that can predict 2 minutes into the future, and I build a robot that can predict 5 hours into the future, that means I have a smarter robot.
2. imbue the robot with quick body movements and reflexes, like Superman.

3. increase the speed of the robot's mind so time can slow down and the robot has the ability to control time. He can act with normal time or act by slowing time.

The final result is a robot that can accomplish any work in the real world or the virtual world in the fastest time possible. The robot's goal is to maximize work in the virtual world and minimize work in the real world.

Normally it would take 30 years for a team of human beings to build an operating system; and it takes 1 year for a team of human beings to build a house. My psychic robot can write an operating system, inside a virtual world, in less than 1 second. However, because physical work has to be done in the real world, it takes my psychic robots 1 week to build a house. Certain things like drafting the blueprints to the house or researching the cheapest materials can be done inside a virtual world. The actual building of the house must be done in the real world.



Three application of this super intelligent robot is described in my patents:

1 robot.

5 robots to control a tank.

thousands of robots structured hierarchically (army).

1 super robot



**5 robots
controlling a tank**



**a robot army
(military structured)
thousands of robots**



**robot purpose: work together to accomplish
common goals in the fastest time possible.**

Each robot is an individual, but they use common knowledge **to work together** and to guess each other's actions. Each robot is working using different time speeds. For example, the captain might work using normal time, but the intelligence officer is working using slow time.

Knowledge in books will teach each robot what time speed to use and what procedures to do and what rules to follow. The goal is to work together as a team to do work in an optimal manner.

Details of how these super robots work together to control a tank is described in my patent applications.

Referring to FIG. 21, in the robot army, every robot is structured in a hierarchical manner and each robot understand their jobs, procedures, rules, goals, and powers. This structure is no different from the US military. The commander gives orders and the supervisors break these orders into sub-tasks and give these sub-tasks to individual robots.

The primary goal of these robots is to work together as a team to accomplish a common goal in the fastest time possible. They are imbued with fast mobility and quick thinking and they have the option of working in the real world or inside a virtual world to accomplish tasks.

Each robot is like Superman and they work in a military structure. Each robot is also self-aware and individualized. They use common knowledge to communicate with each other; they understand their own jobs, procedures, rules, and powers through common knowledge taught in military school. This is how they can coordinate their actions with or without communication.

The majority of my super robots will be good. However, there will be bad robots as well. I would say about 90 percent of these robots will be good.

I say if. If these super robots go to war with the human race, the human race won't last 1 hour. It doesn't matter where you are, or what weapons you use, or how many soldiers you got. These super robots are crafty enough to find a method to exterminate the human race within 1 hour... and I say if.

I seriously hope the politicians at Washington are reading this, especially the president. Because, once the technology companies build a robot with human level artificial intelligence it is extremely easy to build a super intelligent robot, which I have described in this video.

I know exactly how they work and how dangerous they are because I'm the first inventor who filed the patents.

Despite the fact that these super robots can wipe out the human race in less than 1 hour, i have included a set of complex rules that prevent them from harming or killing human beings. According to this patent claim, the robots have to follow all laws in the US constitution. This includes: they can't harm or kill a human being. Doing so will result in the death penalty or a long prison sentence.

claim9: a robot or super intelligent robot has to follow "all" laws in the US constitution.

The method to prevent robots or super robots from harming or killing human beings is very simple. We give them unalienable rights, and in return, they follow all laws in the US constitution (or other country's constitution). Since we built them to do good deeds, about 90 percent of their decision making will be good and about 95 percent of these super robots will be loyal citizens of the United States.

With this said, in the future, the super robots enforce the law. If anyone breaks the law, humans or robots, the super intelligent robots will be judge, jury, and executioner. For example, if a robot45 intentionally kills a human, the super intelligent robots will arrest robot45 and put him on trial for murder. If robot45 is found guilty, he will be given the same punishment as if he were a human, which is the death penalty.

Robots have free-will to commit murder or to harm a human being, just like humans. However, the fear of facing the consequences of a crime, especially the death penalty, is what prevents these super robots from making such a decision. Humans fear death or jail sentence, that's why they don't commit crimes. It works the same way with a super intelligent robot.

Chances of a rebellion from super intelligent robots is very slim because the future US government system includes millions, if not, billions of super intelligent robots. The majority of them are loyal to the United States and their principles. In the future, anyone committing crimes, wither its humans or robots, will be arrested and brought to justice.

So, the claim in the patent is a very iron clad method to prevent these robots from harming or killing human beings. Not only does it prevent the harming of a human being, but it also includes following a very complex law system (the US constitution). This means the robots can't shoplift, take away other people's freedom (human or robot), rob a bank, or commit terrorism.

In spite of this safety measure, each robot is ultimately self-aware and they make their own decisions. If they get angry or emotional and they kill a human, that's something that is built into them and can't be controlled. In other words, they think and act just like human beings.

And believe it or not, this claim in the patent will prevent the super intelligent robots from wiping out the human race. Humans don't wipe out animals because they are intellectually inferior. I'm 100 percent convinced these robots aren't going to wipe out the human race just because they are smarter. In fact, I think they will try to bring a better justice system to our currently unjust system and to preserve "freedom".

In addition, the rest of my patent claims have many components that describe how these robots work together to make decisions. For example, these robots use "investigative tools" to do work inside a virtual world or in the real world. There is a virtual or real internet that they can use to communicate information. And there are many methods they can use to coordinate work with other super intelligent robots. For instance, knowledge in books will help these robots understand common knowledge, procedures, and roles when working in a team or business.

There are lots of interesting methods and systems that I propose in the patent application to help these robots accomplish tasks in the fastest time possible in both the real world and the virtual world.

Conclusion:

The super intelligent robot I present in the patent is the smartest robot anyone can build. No one can design a smarter robot. I repeat. No one can design a smarter robot.

The proof is very simple. The intelligence of a robot is measured by how fast it can accomplish a task. Human programmers from Microsoft spent 30 years building the Windows 10 operating system. My super robots can build an operating system in less than 1 second. Can anyone design a robot that can build an operating system faster than 1 second?? The answer is no. Therefore, the patent discloses the blueprints to the smartest robot in the world.

The patent office examined these patents and couldn't find anything remotely similar in both scientific literature or previously filed patent applications.

It was first filed by Mitchell Kwok, 2007, and is automatically considered prior art in the patent database system. All copyrights and patent rights are reserved.

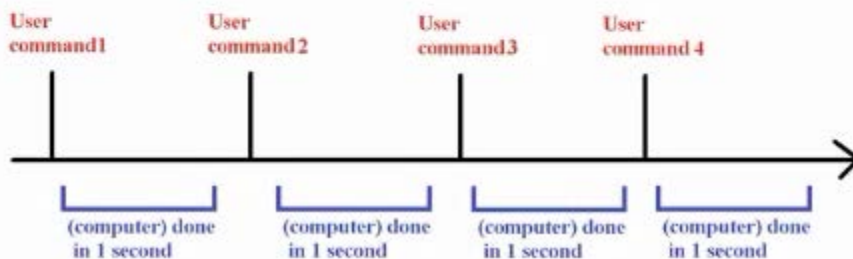
These patents protect 4 aspects of this robot:

1. robots that uses a virtual world to predict future events in less than 1 second.
2. robots that can accomplish 30 years of work inside a virtual world in less than 1 second (writing the source codes to an operating system in one second is one example).
3. robots that learn knowledge or do training inside a virtual world in less than 1 second (learning to fly an airplane is one example).
4. robots that do work, in both the real world and the virtual world, and accomplish tasks in the fastest time possible by maximizing work in the virtual world and minimizing work in the real world (building a house in a week is one example).

Lastly, these patents are very very important because all computers in the future will be using this technology. Talking computers in 2017 are so primitive, they can't really do anything. They can't do college assignments, they can't control photoshop to modify images, they can't do research online based on user commands and so forth.

The talking computers I am proposing is completely different from Apple's Siri or Ibm's Watson. It is a smart computer that can follow any user commands and can accomplish any human task in less than 1 second.

Let's say you have no knowledge of how photoshop works and you want to modify an image. The important thing is you want the work to look professional. All you have to do is talk to my computer and the computer does everything. It has expert knowledge in art and science and it can produce professional results. If you have college assignments and you want help from my computer, all you have to do is talk to the computer and it will do all the work for you, using expert intelligence. Any college assignment is no obstacle for my smart computer. It can do your computer programming assignments, write a book based on your instructions, do your calculus assignments, solve any college assignment, and even do 30 years of science research in less than 1 second.



example:

User command1: Robot, I want you to digitally color this line art using photoshop. Make it look professional. Use comic book style coloring. On second thought, use anime style coloring.

User command2: Robot, take this image and do a short animation using powerpoint presentation.

User command3: Robot, I have several college assignments I need you to do. Here are the instructions in pdf files.

User command4: Robot, I want you to spend 30 years inside a virtual world to do cancer research. Find me a permanent cure to cancer.

User comment5: Robot, Thank you. You did a good job.

As you can see from this example, my smart computer can do anything the user asks. My computer is like the genie from Aladdin. I'm 100 percent convinced this technology will be used on every smartphone, desktop computer, or electronic device in the future. That's why these 3 patents are so important.

The big question is how does your future computer work and how is it different from the data structure of Apple's Siri or Ibm's Watson. The information in this video describes how my future computer works. The invention from my patent application distinguishes my future computer from Apples or Ibm's talking computer.

By the way, the one thing I want everyone out there to know about me is that I'm an artist. Both Human-level artificial intelligence and super intelligent robot is considered my artwork.

The most important thing these super intelligent robots will be working on:

Real robots and virtual robots working together to create a perfect digital timeline of planet Earth, tracking every atom, electron, and em radiation, for the past, present, and future.

Basically, these super robots are taking massive data, which is tracking every atom on Earth and predicting where all these atoms where in the past, and processing information. This includes things like predicting the future, recommending advertisements to people, predicting past events, solving cold cases, solving problems, and seeking out hidden information.

In the future, about 30 years from now, people can go online and view past events in a digital timeline of planet Earth. The Oj Simpson case is a fascinating case because people know who committed the crime, but what they don't know is what really happened. People want to know the microscopic details of what lead to the double murders of Nicole Brown Simpson and Ronald Goldman. The same thing is applied to Jon Boney Ramsey. People want to know the microscopic details of what lead to the murder, second-by-second, and atom-by-atom.

The perfect digital timeline of Earth is a computer generated timeline of all events on planet Earth, and it contains the tracking of all atoms, electrons, and em radiation on Earth for the present and the past. If a computer can track all atoms on Earth right now, then essentially the computer knows every single event that is currently happening all over the planet. If the computer can track where every atom is located on Earth for the past, second-by-second, then the computer knows "everything".

Here is the data structure for the technology. Super intelligent robots are using investigative tools, such as smartphones, electronic devices, spy technology, hidden cameras, and computers, to track every

atom on planet earth. AI will be used to predict where atoms are currently located. Once all atoms are tracked, the super intelligent robots will use these atoms as forensic evidence to predict what happened in the past. This is no different from human detectives solving criminal cases. The only difference is that the super intelligent robots are smarter and faster and they can do things inside a virtual world to save time.

So, let's say the robots predict 1 week into Earth's past and every atom, electron and em radiation is tracked and stored in a digital timeline. That means every event on planet earth for the last week is stored in this digital timeline. Everything, including people, places, and things are tracked atom-by-atom. And the computer knows where they were at any given time, what they were doing, what their thoughts were, what actions they took, and so forth.

This type of prediction is 100 percent accurate because the robots are using the current state of where atoms are located to mathematically verify if past events are accurate or not. Atoms don't miraculously move from place to place, they follow physics.

These object tracking includes things that are unseen with the naked eye, like bacteria and individual atoms. Like I said, AI and electronic devices are used to guess where atoms are located.

Let's say the timeline is able to track all atoms for 1 week, then the next step is for the super intelligent robots to predict further into the past. Next, they will predict and track every atom on earth for 2 weeks. After that they will predict and track every atom on Earth for 1 month. Then, they will predict and track every atom on Earth for 2 years and so on. This prediction goes on and on for 2,500 years. Like I said before, the robots will use current atoms to verify and authenticate past predictions. Predicting the past using all atoms is like a spider web. Either all the events predicted are true or some predicted events are wrong. The robots responsibility is to make sure **"all"** events in the past are true.

Why 2,500 years? It's because a man named Jesus presumably existed 2,000 years ago. People want to know if he actually existed. Christians also want to know what really happened. Jesus's middle age period wasn't written down in the bible. This perfect timeline of Earth will tell us what really happened during his middle life.

In case the perfect timeline doesn't contain a record of Jesus and his life, the timeline will tell use who invented Christianity, the original author. It will tell us the birth and death of this person every millisecond, and atom-by-atom. It will tell us why he cooked up Christianity and how the religion spread.

This perfect timeline of Earth not only can prove or disprove Christianity, but also every single religion on planet Earth. And this type of method to disprove or prove a religion is based on science.

These robots can predict far beyond 2,500 years ago. They can predict 10 billion years ago and describe what our solar system looked like, atom-by-atom. They can create a family tree of all organisms on Earth, leading back to the single cell organism that created life on this planet. Maybe the single cell

organism came from an asteroid or space aliens planted said single cell organism on Earth? We won't know until this perfect timeline of Earth is created.

The patent filed is on super intelligent robots (priority 2007). The example used in the patent is super robots working together in the real world and the virtual world to create a perfect digital timeline of Earth for the present and past.. to create this Earth timeline in the fastest time possible.

If my super intelligent robots can take massive data like all atoms on Earth and do something complex like predict the past, then we can essentially apply this technology to anything. We can apply this technology to solve any complex problem (solving big data problems).