IF I COULD INVENT SOMETHING NEW

If I could invent something new, it would be a Cyber Soldier.

What is a CYBER SOLDIER? It’s a full body exoskeleton whose purpose is to

serve and protect whoever it’s programmed for. It has several main parts such as the

helmet, the suit, the base(foot).

It is designed to be shaped like the human body and enhance abilities such as

speed, strength, stamina, combat abilities. The foot has a wide base and retractable

wheels for traveling fast over long distances. It could be used against criminal and enemy forces by the police, military and in industries for lifting heavy objects am. It could probably be used in building construction if I swap the hands for tools such as mallet, nail, gun and so on. It is larger than the average human but the design is similar, it is made of magnesium, and the internal structure is soft foam padding for protection of the skin.

The design and description are given below.

The helmet is a full-face AR helmet which on the inside is a display which is

showing feeds from cameras on the out side and several different applications which are controlled by an eye tracker. the back plates fold back to allow it to be worn as it has heat and night vision cameras on the out side to see things that might not be visible with the naked eye.

The arm display is a secondary display, it’s used to display information and send information if the eye tracking devices fails. Its strength is gotten by using hydraulics to add force to actions such as kicking, punching and jumping. It uses motors to increase the speed of certain movements.

For ventilation, it uses nitrogen and sends it around the suit while sucking out heat

through a vent.

It can revolutionise the advancement of human abilities. To use it a special motion capture suit is worn or motion capture implants which are embedded into the skin. And a location beacon which begins mimicking movement when the user is inside it. It is powered by several different battery packs in a compartment at the base. The prototype colour should be yellow for the outside all wiring should be covered with red insulators to easily stand out and the wires are hidden under the inner foam of the suit.

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