Cell phone for the 22nd century.

Brief Intro: My phone for the 22nd century will be for everyone. It doesn’t need specific user groups nor oriented for specific tasks. Further, my phone will not have physical shape as of today but more of a phone "initiator". The reason that my phone is not focused on physical phone itself is due to increase of its mobility and flexibility.

Since phones are now taking huge part of one’s life, people are with phone all the time and phone is evolving in a way such that it quasi-handles tasks that could be done in a computer, and the importance of the phone is being shifted from just how it looks to functions it provides, its mobility and how it "fits" into our culture (not too out of fashion, no offensive design etc). Hence, my phone is designed in a way that it is more flexible with mobility along with ease of use than today’s phone.

For the phone, the smaller the device is the better mobility it has. However, if it is focused too much on mobility (i.e., phone is too small), then many tasks done by the phone are rather useless (i.e., reading, watching a movie, SMS etc). Therefore the device is needed to be small but can be flexibly expanded depending upon applications that users use. For example if a user is about to make a call the device doesn’t need to have 3.5’ display but just small enough to dial number, when a user is about to surf the web, bigger display is needed etc..

To overcome the difficulties of flexible physical display, my phone uses hologram technology in the display (therefore no weight on the display and no fixed size). The phone “initiator” itself looks like a bracelet. Two bracelets are worn around both left and right wrist. Each device has a sensor that recognizes each other. When it is touched the hologram display shows up with menus. Once activated, users can use one hand to project the display in the air and use other hand to navigate through. The size of the display is set when initiating the phone. User uses one finger from right hand to touch the palm of the left hand while the sensor on the wrist is touched. The distance from the finger to the sensor on bracelet is the size of the display.

Scenario:
A user is walking on the street and he needs to use the phone. He then puts his wrists together and a finger of this left hand on the palm of the right hand then he moves the right hand as if he is opening the sliding door. While moving his right hand, hologram screen will roll out from the left hand which is being projected from a projector on his left wrist. Once it all rolled out, a user can navigate through in the display using his right hand just like touch screen. When he wants to make a call, he simply run the application then dial a number and put his left hand round the ear.