

Artificial Intelligence pills consumption monitoring Devices ("AID")

loT Solutions for Health and Wellness by: Dr. Nissim Zur

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The problem with pills consumption today

- A person may develop tolerance to a drug when the drug is used repeatedly. For instance, when <u>pills for diabetic or high blood</u> <u>pressure</u> is used for a long time.
- larger and larger pills doses must be taken to produce the same effect.
- Usually, tolerance develops because metabolism of the drug speeds up (often because the liver enzymes involved in metabolizing drugs become more active)
- The number of sites (cell receptors) that the drug attaches to or the strength of the bond (affinity) between the receptor and drug decreases
- No alert generated on non consuming the pills
- No Alert on over dosage or attempt to open the vial by a child

The problem

TelnT's AID Solution

- Artificial Intelligence pills consumption monitoring Devices ("AID")
- A vial that has CPU with wireless BLE + Wi-Fi + Sensors
- The AID automatically, wirelessly, gets the medical levels from other BLE medical devices and reduces the number of pills offered to be consumed.
- Buzzing the user when pills need to be consumed
- The AID report to caregiver on over / under consumption dosage
- The AID replaces the use of Smartphone as a mean for connecting wireless Medical Systems to internet server.
- The AID BLE⇔Wi-Fi bridge all Medical Wireless devices like Blood Pressure, Glucometer and other devices that support only Bluetooth low energy(BLE).



The Solution





What is the mutual limit for all Medical Wireless Devices existing today?





As BLE based, none can send patients data to Health Office internet servers





Phone apps do not support sending patients data to Health Office internet servers



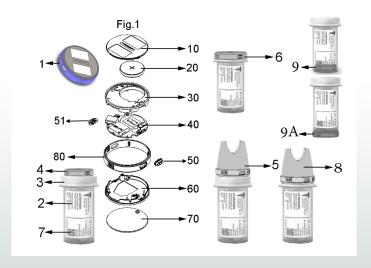
Apparatuses, methods of Artificial Intelligence pills consumption monitoring Device ("AID") Patent US20150257981

TelnT's AID Solution Cloud events commands events commands iHealth in 120 in 1

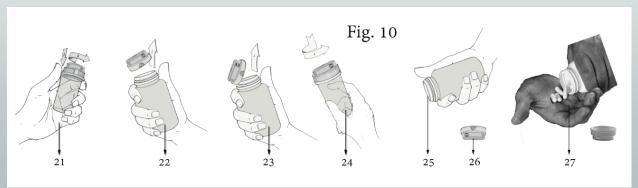
- TelnT's AID is the only health monitor known today that puts aside the phone,
- Reduces tolerance to drugs
- Has local Artificial Intelligence algorithms
- Does not enforce internet server. All function can work locally.
- Can bridge Wirelessly Bluetooth low energy (BLE) Medical Devices and sent it secured to back office Health servers



Apparatuses, methods of Artificial Intelligence pills consumption monitoring Device ("AID") Patent US20150257981









Artificial Intelligence Wireless pills vial Patent US20150257981

















- · Wireless pills bottle for home use
- Reminds by buzzing
- Reports non consuming or attempt of excessive use to care givers,
- Option for recent daily status of patient, immediately. Assuming sugar level is high, will offer maximum dosage suggested by doctor. When less, will offer less pills/ Insulin.
- Info received automatically from doctor –or any wireless devices, like Bluetooth low energy (BLE) glucometer, blood pressure, heart rate etc.
- Doctor can wireless change dosage tables in the AID
- Aid can order pills automatically





TelnT

Artificial Intelligence IoT Solutions

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TelnT focuses on unique owned Artificial Intelligence algorithms patented Potentially able to replace worldwide any pills vials. Cost 1.5 USD per AID. Zero competitors on the AID device so far (20-6-2017).

11 patents. 2 granted already.

Company value 100M USD, looking for 15M USD investment for expansion and world wide marketing

