

# IX Innovation Announces Issuance of Patent for Surgical Robot Evolution and Handoff by the USPTO

*IX Innovation, a medical IP company today announced the USPTO issued U.S. patent 11,389,248 entitled "Surgical Robot Evolution and Handoff".*

SEATTLE, WA, UNITED STATES, February 15, 2023 /EINPresswire.com/ -- IX Innovation, a medical IP creation and monetization company focused on inventing the future of human surgery, and portfolio company of [IntuitiveX](#), today announced the U.S. Patent and Trademark Office (USPTO) issued U.S. patent 11,389,248 entitled "[Surgical Robot Evolution and Handoff](#)". This patent is the third in a series of many robotic surgery related assets which will be issued over the course of the year.



The 'Surgical Robot Evolution and Handoff' patent relates to the use of a robotic system for performing surgery wherein the robotic system is controlled jointly by an artificial intelligence and a surgeon. As of today, existing surgical robotic systems only provide assistance to surgeons such as removing tremors and offering improved visualizations and less invasive ways of operating within a patient. Despite their complexity and myriad of features, these systems are simply tools which are incapable of replacing the role of the surgeon, and while they may relieve some burdens from the surgeon and improve their stability, they are not alone sufficient to significantly impact patient outcomes from complications beyond facilitating less invasive procedures.

The robotic system has the capacity to enable the surgeon to perform the entire surgery or alternatively allow the artificial intelligence to control the robot and perform part or the entirety of the surgery. With this approach, the artificial intelligence is trained by data from previous surgeries and may provide indication to the surgeon when it has sufficient data to take over parts of a surgery and can prompt the surgeon when there is insufficient data for the artificial intelligence to continue. Alternatively, a supervising surgeon may manually take back control of

the robot from the artificial intelligence.

"The combination of artificial intelligence and human expertise in the realm of surgical robotics marks a new era of precision, efficiency, and improved patient outcomes." Commented [Mark Han](#), Chief Legal Officer of IntuitiveX. "I recognize the immense value in harnessing these cutting-edge technologies to deliver innovative solutions that can transform the way we approach surgical procedures and improve the quality of life for patients everywhere."

#### About IX Innovation

IX Innovation is a portfolio company of IntuitiveX functioning as an internal IP creation and monetization engine which, through its internal collections of world renowned medical professionals, IP experts and patent attorneys, aims to be on the leading edge of medical innovation, as such, the issuance of the new patent is the first of many opportunities to help spearhead and catalyze breakthroughs within the surgical arena. The company anticipates many more patent issuances over the coming weeks and months.

#### About IntuitiveX

IntuitiveX is a Medical Innovation Incubator and Consultancy with deep expertise in the development and commercialization of emerging technology companies within the Healthcare and Life Sciences. As intellectual property and commercialization experts, IntuitiveX specializes in creating healthcare enterprises, adopting new technologies, and developing early-stage healthcare startups. From ideation to commercialization, IntuitiveX's team of life science and healthcare entrepreneurs, practitioners, and investors combine 100+ years of experience to accelerate successful medical innovation in biotech, pharma, digital health and medical devices.

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