Non-Confidential Description - PSU No. 4280
“Safe and Secure Sharps Holding Tray”

Field of Invention/Keywords:
Biomedical, materials, medical, process-procedure, dental

Inventors:
Dov Bader

Background
Sharps related injury in OR puts surgeons (broader term- health care providers) at a significant risk of physical injury and exposure to blood borne pathogens. Considering the danger of sharps, recently there has been push to have a safe zone in the OR for passing sharps. Advanced tools for safe handling of sharps would bring great relief for the surgeons to function with ease and without much interruption during their surgery procedures.

Invention Description
A leading surgeon at Penn State Medical Center has conceptualized a safe and secure tray for holding multiple surgical sharps which allows the surgeon in OR to temporarily hold the sharps without taking his/her eyes off the incision.

Advantages
- Unique, Lightweight design to hold multiple sharps of different variety (e.g. Scalpels, needles etc.)
- Prevents risk of physical injury and blood borne pathogens to health care providers
- Could be used on the back of the table for the technician to maintain their sharps count
- Offers safe zone for transfer of sharps between the surgeon and technician
- Allows surgeon to safely and temporarily hold the sharps without taking his /her eyes off the patient or incision.

Status of the Invention
Available for licensing to a start-up company.