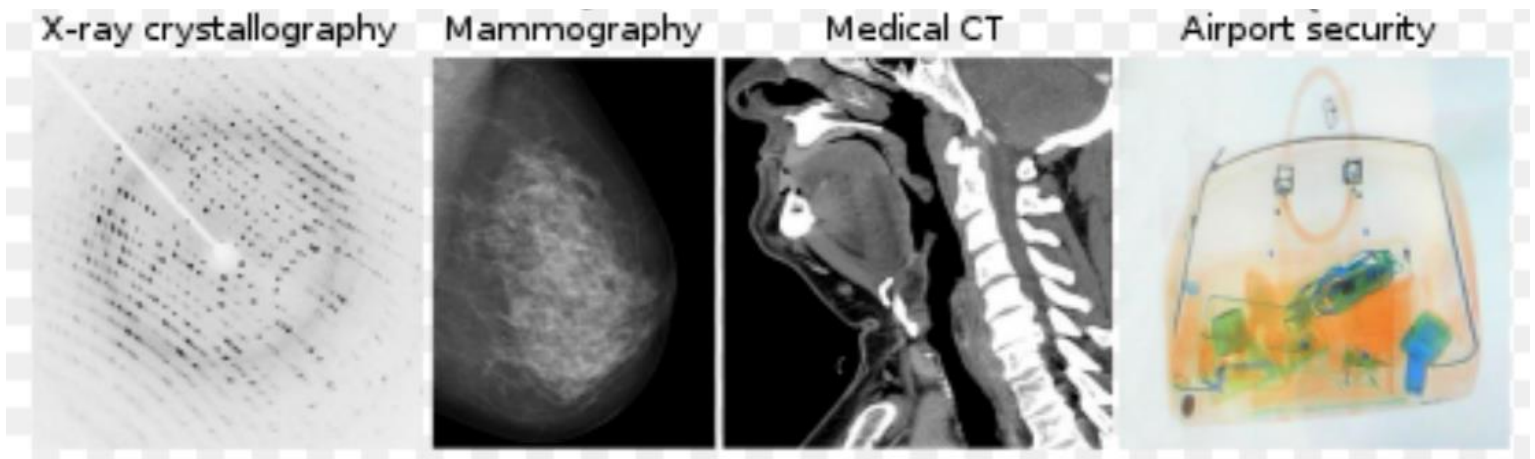


X-ray optical systems



Value Proposition/USP

Using our reflective technology (mirrors) as a novel approach to existing challenges we expect to be able to offer increased performance (energy levels, dimensions) and better precision.

Business Opportunity/Objective/Commercial Perspectives

There are possible commercialization routes outside the space domain, which are yet to be explored. This includes medicine (e.g cancer diagnostics and therapy, dental diagnostics), quality control (e. g. food, material and product quality), and gamma-ray systems in security applications (e.g. airports, parcel services), which are all billion dollar markets.

Technology Description/Technology Summary

A unique coating technology for x-ray and gamma-ray optical systems that makes it possible to design focusing telescopes even for the highest energy x-rays and gamma-rays. The technology enables detailed observations of objects emitting energetic forms of electro-magnetic radiation.

Development Phase/Current State

TRL 6.

Technology patented.

The inventors

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Seeking

- Commercial partners