

Data driven intelligence for healthcare

SigTuple: The IP Journey



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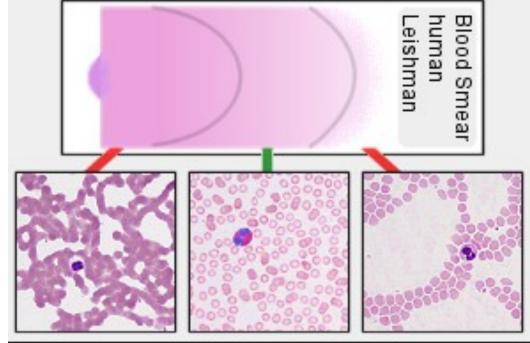


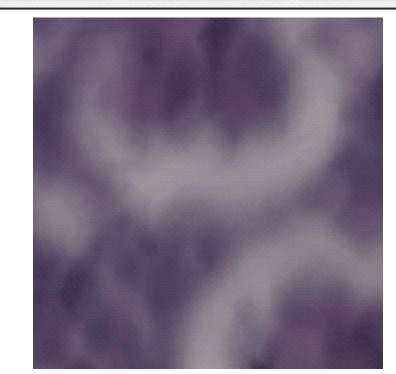
Born in 2015, Bangalore, India

We build solutions to automate manual microscopy in clinical laboratories through AI and Robotics

Our solutions target the two most common uses of microscopy in the lab – **blood** and **urine**

We have 19 granted patents in India and US

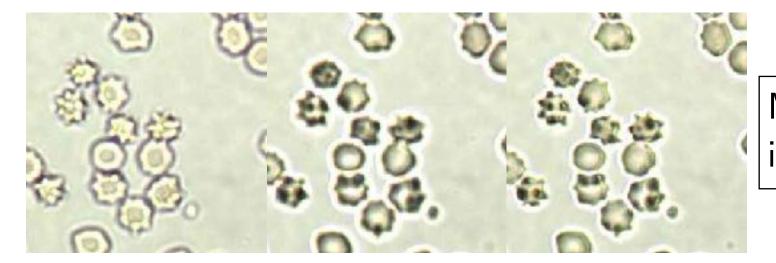




Some of our patents

Figuring out the optimal area to be scanned in a peripheral blood smear slide, based on cell density, using a single 40X lens

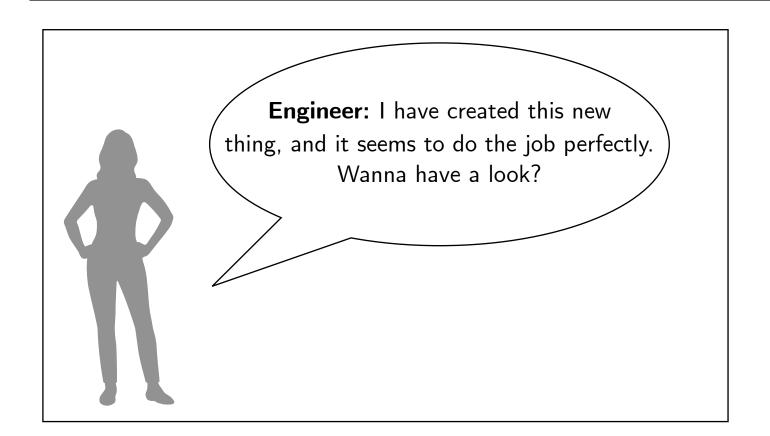
How to auto-focus a digital microscope using a deep learning based model

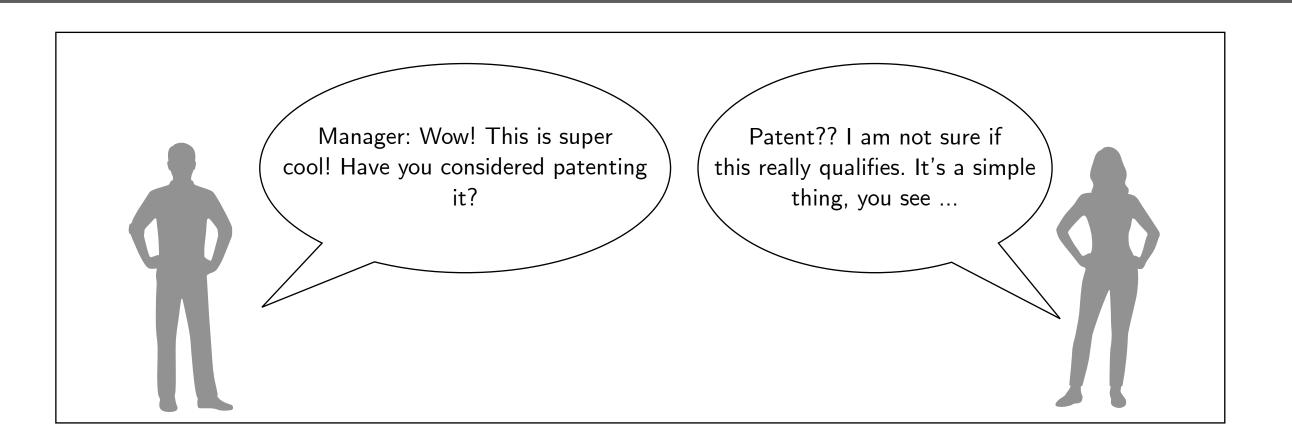


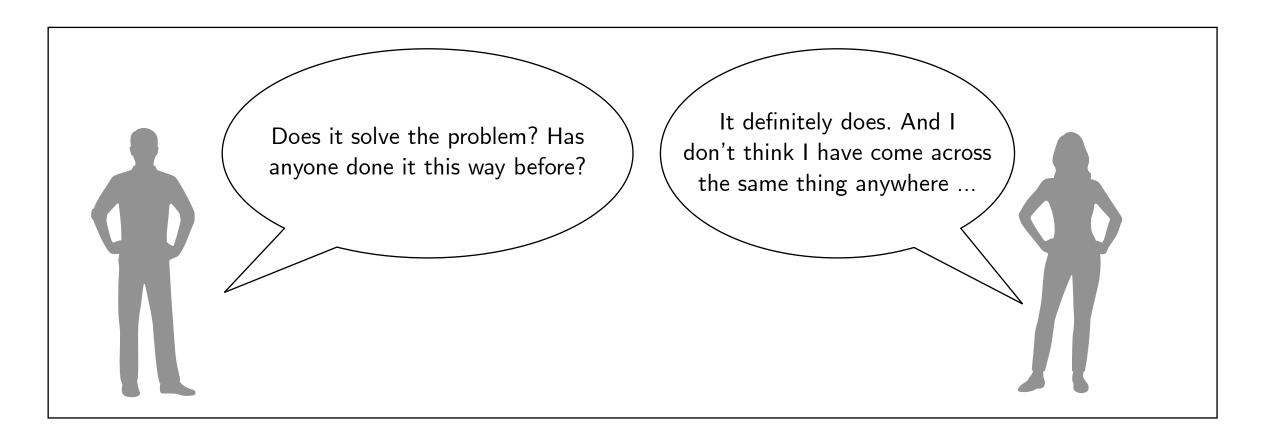
Method to re-construct a field of view from multiple images in a multi-layered liquid biological sample

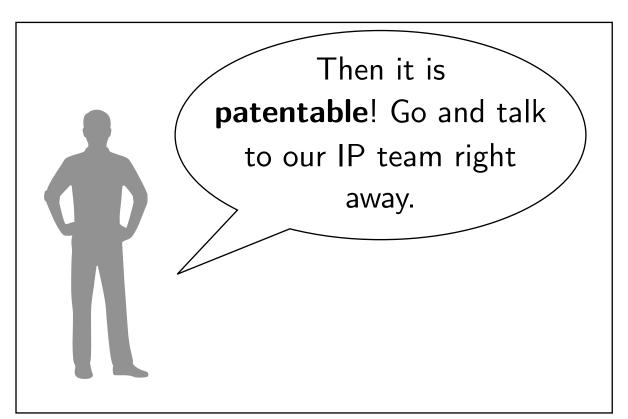


Building the IP culture









In an organisation powered by innovation, it is important to build this culture right from the start, and maintain it as you grow



Conquering the world: How?

We create a new cool idea, and file for a patent in India. Hitting the market with the new product is still a couple of years away

Year 0

Year 3

Product is ready, we have the regulatory approvals, and we start marketing in India

Since we hope to market it internationally, we go ahead and file a PCT as well

Year 0

Year 3

We realise (too late) that we want to market in Europe or SE Asia first, rather than US!

... and since all startups dream of doing business in the US, we file for a US patent too

Year 1

Year 3

But we don't have patent protection in those countries! The 18 months time limit of PCT is also over!

We are not (yet) sure which countries we want to go to, so we don't want to incur any further filing expenses at this point of time ...

Year 1

What's the right way of doing this?