**Draft Claims**

1. A method for operating camera, comprising:

rotating a lens or a sensor of the camera about an axis to a plurality of positions, wherein the rotation generates a rotation of a plane of sharp focus of the camera;

at each of the plurality of positions, capturing an image;

for each image, determine a substantially in-focus region; and

combining the substantially in-focus regions to generate a final image.

2. The method of Claim 1, wherein the axis is an entrance pupil of the lens.

3. The method of Claim 2, wherein the lens has a pupil magnification equal to one.

4. The method of Claim 1, wherein the plurality of positions include at least 10 different positions. [**What is the largest number and probable number?**]

5. The method of Claim 1, wherein the rotation is between about -10º to +10º. [**What is the largest range and likely range?**]

6. The method of Claim 1, wherein each of the substantially in-focus regions are within 1 millimeter [**Is there a better number?**] of an associated in-focus region.

7. The method of Claim 1, wherein the final image comprises a three-dimensional map of a scene.

8. [**Are there any focal lengths that we should claim?**]

[Additional hardware and software claims will be added once the method claims are finalized]