

**INVENTION DISCLOSURE CHECKLIST FOR A DEVICE**

- 1) Describe the purpose of the device. Could your device be used for other purposes?
- 2) What problem does your device solve?
- 3) Who would use your device?
- 4) Sketch the device. Show every part. Give each part a different number.
- 5) Identify and separately describe each part of your invention. Refer to each part by both a unique name and the number you assigned in your sketch. Write down everything you know about each part.
- 6) How does each part function?
- 7) How is each part connected to other parts?
- 8) How do the parts function as an assembly?
- 9) Describe the simplest, most stripped-down version of your device that will still produce a commercially useful result.
- 10) Describe the version of your device that produces the best result.
- 11) Include any material specifications and experimental data.
- 12) Describe the environment in which the devices functions. Is the device part of a larger structure, like a carburetor in an engine? Does it only function, or function best, within a range of temperature, pressure, or some other parameter?
- 13) What does the device consume and produce? How is it powered?
- 14) How is your device different from and better than existing, similar devices? Is yours lighter, smaller, faster, quieter, safer, easier to use or fix, cheaper, or more durable?
- 15) Imagine that someone else has already patented your device and you are trying to change the design so that you can obtain a similar result or output, or solve the same problem, without using the patented device. Describe any useful design variations that could be made.
- 16) Could a person with ordinary knowledge of your invention's technical field learn to make and use your invention just from reading your description?