

## METHOD OF INCREASING LIPOLYSIS

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### BACKGROUND

Nowadays people seek new alternatives to improve their health and body appearance. Surgical removal of fat is costly and may be risky. Less intrusive methods are highly desirable to reduce the amount and appearance of fat in some areas of the body.

### TECHNOLOGY

The technology is a non-invasive and innovative method consisting in the application of a very gentle electric current through the skin of the subject, for increasing lipolysis (fat breakdown). This occurs in the adipocytes which are the fat storage cells. It is used concomitantly with aerobic exercise to eliminate the fatty acids released by the current, which also makes it a physical exercise facilitator.

### COMPETITIVE ADVANTAGES

- Allows targeted fat loss in selected areas of the body (e.g. thighs, abdomen)
- Releases fat from adipocytes without damaging cells
- Non-invasive
- Scientific base
- Portable device
- The only efficient method inducing lipolysis by an electric current.
- Safer than surgical removal of fat

### TECHNOLOGY DEVELOPMENTAL STAGE

A recent clinical study in women using Adipotronics® demonstrated a significant weight loss ( $p < 0.001$ ) and decrease in % of body fat ( $p < 0.001$ ). The thickness of the fat layer of the abdomen at the stimulation site decreased by 9.7% when compared to the control. At the thigh, the fat layer decreased by 19.3%.

### APPLICATIONS

- For people having disorders associated with fat distribution
- For use at the gym
- For use at an aesthetic clinic

### BUSINESS OPPORTUNITY

Co-development and/or out-licensing opportunities for this technology.

### IP STATUS

Issued patents:

CA 2555674

US 10/588,383

Pending patents:

EP 06752775.4

BR PI06111351-6

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