

## Abstract

The invention contemplates automatic cleaning of an entire toilet bowl using an electrically powered motor that simultaneously spins flexible, but rigid, circular brushes that are substantially the same length as the height of the bowl in both vertical and horizontal directions, not only around the bowl, but also along the height of the bowl, with special attention to the two parts of the bowl that collect the most rust and debris: at the “water line” and “under the rim”. The longer one waits to clean a toilet bowl, the more likely an anti-rust chemical will be required to soak the water line and under the rim for a few minutes prior to brushing; and before administering chemicals, the toilet should be flushed. Automatically flushing, releasing chemicals, and soaking before cleaning (and then repeating until all debris is removed) requires a programmable microprocessor and debris sensor(s) to truly operate automatically.