

## **ABSTRACT**

*Public toilets are an important part of public places to meet people needs. The toilet used the seating and squatting toilet. But Indonesians aren't comfortable using toilet seats, because basically the Indonesian people prefer to use 4quatting toilets. Based on previous research stated that defecation by squatting is healthier because it can reduce the process of straining and facilitate the process of defecating 1 minute faster than sitting. Besides that, the cleanliness of the toilet seat is another factor that makes people reluctant to sit on the toilet seat. There are even some cases of use by squatting on the toilet seat, even though this method is very dangerous. This study tried to design a squat tool design on a secure seat toilet without overloading the toilet. The method used in this study uses the design around existing patent method and the theory of inventive problem solving. Design around is used as a method that can prevent the occurrence of similar findings with other findings by making other findings as references. The results of this study are in the form of squatting aids in the seat toilets that are easy to install, can withstand the user's burden and also do not violate other invention patents.*

*Keyword : Aid Tools, Squating toilet, Sitting Toilet, Design Around, TRIZ*