

## Contract Manufacturing Request

### Pet Door Dirt Remover

What It Does: Conditions house pets to open a pet door by stepping on a softly bristled mat. Motion sensors require the pet move a programmable time period. An optional beep alerts the owner before door opens.

Comments: Pet-lovers protect interiors from animals tracking dirt and mud.

Unique invention reduces dirt tracked in by pets. System creatively teaches pets that standing impatiently on the soft bristles, eventually opens the door. Motion sensors require the pet move for a minimum time period, before the door opens; thereby helping assure more dirt is removed. Now owners can leave the pet doors open during inclement weather, resulting in less mud tracked inside. Invention solves many other related issues.

Pets will always have dirty paws, and people will always need pet doors. For extra measure, the system has the option of beeping the owner just before pet enters, so their paws can be checked.

There are diverse ways the pet should easily learn how the product works. The invention should be made to work with cats or dogs of about any size or aptitude. For example, as the pet becomes accustomed to their new pet door, the required waiting time increases. The longer the pet waits frantically, the more they step around and remove their paw's dirt. At first there's no waiting time, then it increases over time.

