



## 排水溝落葉汙物截留裝置

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**簡歷：** (可列出相關連結，例如系所、研究室網頁)

[https://ga.ntu.edu.tw/construction/main\\_ch/personBlock.aspx?uid=352&pid=223&dept\\_id=24](https://ga.ntu.edu.tw/construction/main_ch/personBlock.aspx?uid=352&pid=223&dept_id=24)

### 市場及需求：

本案對於土木建築營造產業進行排水溝渠相關工程時，可應用於道路邊溝溝蓋改良，提供足夠排水量，並截留樹葉汙物，可改善道路遇驟雨積水問題。

### 技術摘要(含成果)：

本專利係一種可放置於排水溝內之樹葉雜物截留裝置，為一立體網籃結構，可直接放置於排水溝蓋下方，設置簡便。其立體構造使網籃立面及底面可同時排水，改善平面溝蓋阻塞及清淤問題，避免道路積水。

### 優勢：

立體網籃構造可容納大量落葉汙物，遇驟雨時仍有足夠排水能力；相較於平面溝蓋，維護頻率低，且可直接取出網籃傾倒落葉汙物，無庸費力清淤，可大幅簡省人力。

### 競爭產品：

水溝整治裝置、排水溝進流孔抽屜式集污框籃、溝渠垃圾攔截結構。

### 專利現況：

專利申請中。

### 聯絡方式(請不用填)：

臺大產學合作總中心

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## A leaf trap for sewer drains

(Below is limited to 1-page only; be careful not to disclose vital technology content. Please delete these words when the document is finished)

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### Experience:

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### Market Needs:

This invention can be applied to the sewer drains to prevent water stagnation on roads caused by blocked drains after day-long rains.

### Our Technology:

This leaf trap device is a basket with a three-dimensional net structure, which allows the water to flow out through the facade and bottom of the basket at the same time, and it can be easily installed under the drain cover.

### Strength:

Compare with normal drain cover, this invention can provide larger drainage capacity, lower maintenance frequency, and it's much easier for the drain clearance.

### Competing Products:

A gutter rectification device, A drawer type dirt collecting basket, A dirt gathering structure inside the drain.

### Intellectual Properties:

patent pending.

### Contact (do not need to fill out):

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