

# (12) United States Design Patent (10) Patent No.:

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US D1,089,567 S \*\* Aug. 19, 2025

## (54) OUTLET PIPE WITH FILM REMOVAL DEVICE

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- (72) Inventor: Jiabin Ye, Shenzhen (CN)
- (\*\*) Term: 15 Years
- (21) Appl. No.: 29/927,389
- (22) Filed: Feb. 5, 2024
- (52) U.S. Cl. USPC ...... **D23/263**

### Field of Classification Search

USPC ..... D23/213, 214, 228, 259, 260, 261, 262, D23/264, 265, 266, 267, 268, 269; 239/550, 548, 587.1; 4/601; 285/30

CPC ....... G01F 15/18; G01F 15/185; G01F 15/12; B05B 1/14; B05B 1/205 See application file for complete search history.

#### (56)**References Cited**

# U.S. PATENT DOCUMENTS

2,078,879 A *	4/1937	Kaiser E03C 1/122
		285/129.1
2,510,512 A *	6/1950	Mueller G01F 15/18
2 902 641 4 *	6/1050	285/30 Ford G01F 15/185
2,092,041 A	0/1939	285/179
3,115,157 A *	12/1963	Coats F16L 27/0841
		137/561 R

3,117,584	A	*	1/1964	Elenbaas B08B 9/093
				210/167.01
D232,552	S	*	8/1974	Watson D23/263
D236,724	$\mathbf{S}$	*	9/1975	Scheffler, Jr. et al D23/263
4,006,086	Α	*		Tsunoi E02B 15/108
, ,				210/776
D354,553	S	*	1/1995	Lange D23/263
6.227,456				Colman E03C 1/06
-,,				239/536
D456 402	C	*	4/2002	Potorcon D22/262

<sup>\*</sup> cited by examiner

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#### **CLAIM**

The ornamental design for an outlet pipe with film removal device, as shown and described.

# DESCRIPTION

FIG. 1 is a top perspective view of an outlet pipe with film removal device, showing my new design;

FIG. 2 is a bottom perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a left side view thereof;

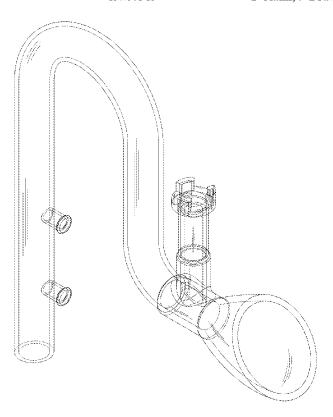
FIG. 6 is a right side view thereof;

FIG. 7 is a top view thereof;

FIG. 8 is a bottom view thereof; and,

FIG. 9 is the split state diagram of its top surface.

# 1 Claim, 9 Drawing Sheets



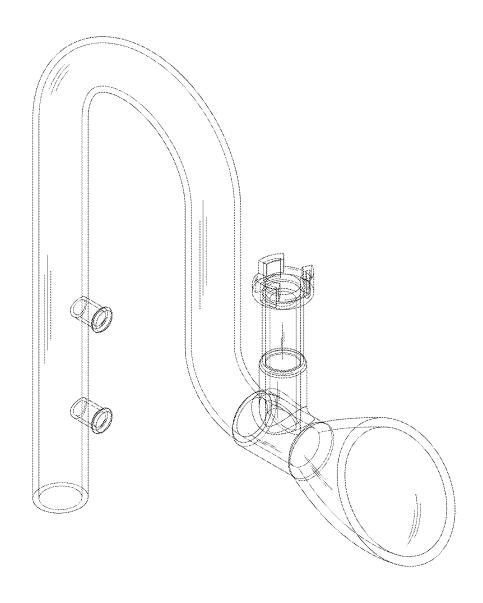


FIG. 1

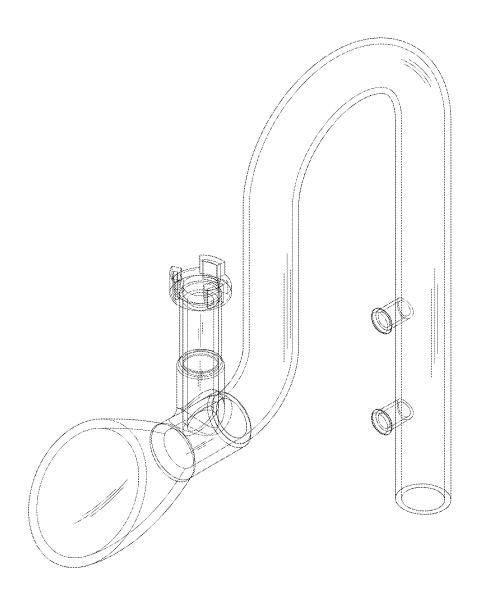


FIG. 2

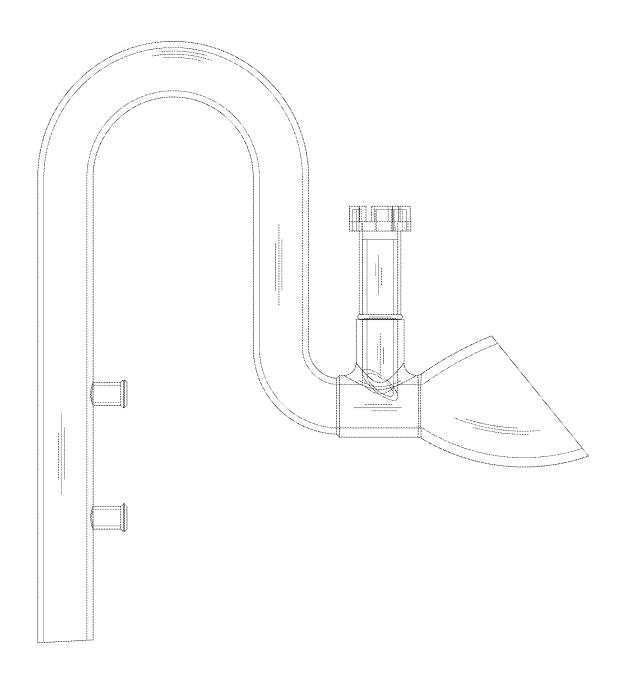


FIG. 3

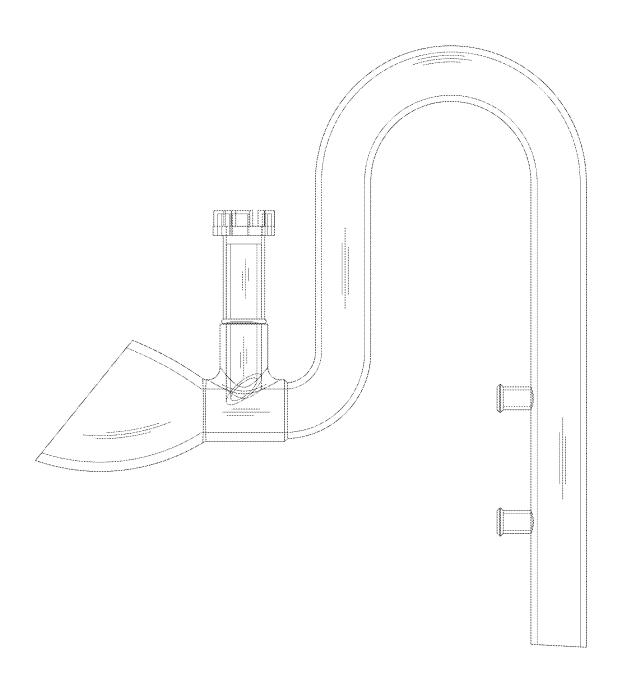


FIG. 4

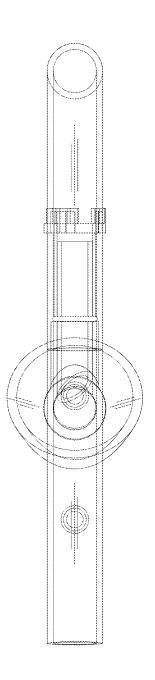


FIG. 5

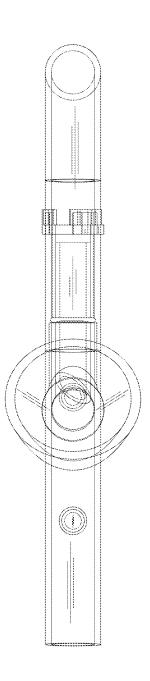


FIG. 6

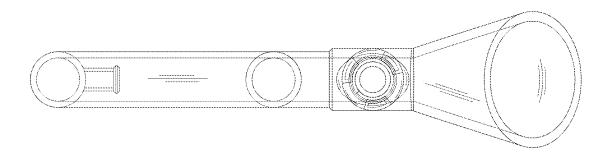


FIG. 7

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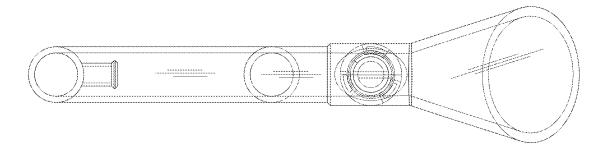


FIG. 8

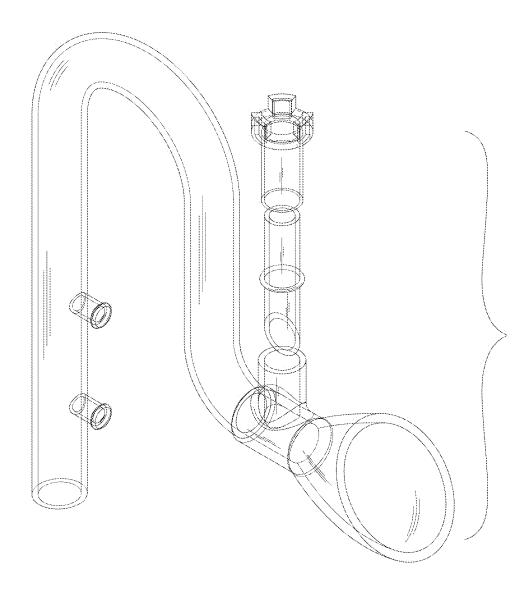


FIG. 9