United States Patent [19]

Ekholm et al.

- **CHUTE CONNECTION TO A PULP PUMP** [54]
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- 14 Years [**] Term:
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4,224,009	9/1980	Grandi 415/168.3
4,708,584	11/1987	Meng 415/168.4
5,234,605	8/1993	Reipur et al 210/333.01

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[57] **CLAIM**

The ornamental design for chute connection to a pulp pump, as shown and described.

DESCRIPTION

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[52]	U.S. Cl.	
[58]	Field of Search	
	•	415/168.1–168.4; 210/333; 162/19

[56] **References** Cited **U.S. PATENT DOCUMENTS** 3.758.236 9/1973 Zimmerman

3,758,236	9/1973	Zimmerman 417/360
4,096,027	6/1978	Sherman 162/19

FIG. 1 is a perspective view of the present invention; FIG. 2 is a perspective view of the present invention, seen from the opposite side; FIG. 3 is a perspective view of the elbow pipe, the base is shown removed for ease of illustration; and, FIG. 4 is an opposite side view of FIG. 3. The invention is intended to be mounted between the chute extending down from a vessel containing pulp and the pulp pump which is supported by the horizontal plate of the invention.





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FIG. 1

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