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SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 07-003780- -00004-0000

Fecha: 2008-12-17 16:34:38 Dep. 2020 NUECREACION
Tra. 2 PATENTES Eve: 1 REGDEPOSITO
Act. 538 PETICION Folios: 2

Señora Jefe de la
DIVISION DE NUEVAS CREACIONES
Superintendencia de Industria y Comercio
E. S. D.

Trámite : 002
Evento : 001
Actuación : 538

Referencia : Expediente No. 07.003.780
Asunto : Solicitud de patente para **BOQUILLAS DE PULVERIZACION DE LIQUIDO DE LAVADO PARA COLCHON DE PULPA Y METODO PARA MONTAR BOQUILLA**
Solicitante : **ANDRITZ INC.**
Clase : B05B 001/006
Publicada en : La Gaceta No. **594** del 31 de julio de 2008
Fecha de Solicitud : 16 de enero de 2007

1. Yo, Emilio FERRERO, identificado como aparece al pie de mi firma, actuando como apoderado en el asunto de la referencia, atentamente, solicito se efectúe el examen de patentabilidad de la solicitud en referencia. Para tal efecto presento junto con este escrito el recibo por valor de \$ 420.000.00, que corresponde a la tasa fijada según lo dispuesto en la resolución No. 44372 de 26 de diciembre de 2007.

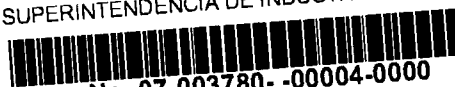
2. Ruego atentamente a la Señora Jefe se sirva ordenar que se anexe este recibo para que se efectúe dicho examen y se continúe con el trámite de la solicitud.

Señora Jefe,

EMILIO FERRERO
T.P.A. No. 31.929

COLO-15640-801-001-5
SDC\AMG\ID-140664\WPC15640
No. M-2008-140664\SDC

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



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SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

NIT : 800176089-2

RECIBO OFICIAL DE CAJA : 08 - 91,632
FECHA : NOVIEMBRE 25 DE 2008

***** CONSIGNACION *****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PGO	Vr. PAGO
CAVELIER ABOGADOS	CONSIGNACION	BANCO DE BOGOTA	062754387	10528372	24/11/2008	43,905,000.00

***** CONCEPTO *****

CANT. RENTISTICO	CONCEPTO	TOTAL CONCEPTO
1 \$0005-01-01 SOLICITUDES	85 EXAMEN DE PATENTABILIDAD DE INVEN	420,000.00
	TOTAL :	\$ 420,000.00

SON: CUATROCIENTOS VEINTE MIL PESOS

RESPONSABLE : _____

RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____

Cdo 15640-801-001-5

DIVISIÓN DE NUEVAS CREACIONES

RADICACIÓN EXPEDIENTE No. 07-03780

EL EXTRACTO DE LA PRESENTE SOLICITUD DE **PATENTE DE INVENCION**

FUE PUBLICADO EN LA GACETA DE PROPIEDAD INDUSTRIAL No **594** DE

FECHA **31 DE JULIO DE 2008** EL TÉRMINO HÁBIL SEÑALADO POR LA LEY

EXPIRA EL **28 DE OCTUBRE DE 2008**

NOTA: Dentro del plazo de los seis (6) meses siguientes a partir de la fecha de publicación en la gaceta de Propiedad Industrial, deberá solicitar y cancelar el examen de patentabilidad so pena de que la solicitud caiga en abandono, de acuerdo con lo establecido en el Artículo 44 de la Decisión 486/2000.

SE PRESENTARON OPOSICIONES POR PARTE DE TERCEROS.

SI _____

NO X

United States Patent [19]
LaValley

[11] Patent Number: 4,795,558
[45] Date of Patent: Jan. 3, 1989

[54] SHOWER PIPES FOR ROTARY DRUM
FILTER
[75] Inventor: Richard W. LaValley, Vancouver,
Wash.
[73] Assignee: LaValley Industrial Plastics, Inc.,
Vancouver, Wash.
[21] Appl. No.: 80,252
[22] Filed: Jul. 17, 1987

2,826,248 3/1958 Angel 158/99
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Primary Examiner—Richard V. Fisher
Assistant Examiner—Wanda L. Millard
Attorney, Agent, or Firm—Marger & Johnson

[57] ABSTRACT

A shower pipe for a rotary drum filter includes first and second parallel rows of spray holes which extend along the length of the pipe. The holes in one row are staggered with respect to the holes in the other row, with both rows being positioned circumferentially in the same quadrant of the pipe. Each spray hole has its own separate fan-shaped diffusion flange extending in a generally parabolic curve from the adjacent hole. Each spray hole may be formed by a premolded plastic sleeve-like insert which is inserted through and seated within prebored holes in a section of the pipe. Each insert defines a spray hole or nozzle for discharging liquid under pressure from the pipe onto its associated diffusion flange. Each diffusion flange member may be premolded to include a female threaded upper portion which threads onto a male threaded projecting portion of the insert extending from the outer wall of the pipe.

Related U.S. Application Data
[63] Continuation of Ser. No. 709,450, Mar. 8, 1985, abandoned, which is a continuation-in-part of Ser. No. 464,023, Feb. 4, 1983, Pat. No. 4,522,716.
[51] Int. Cl.⁴ B01D 33/38
[52] U.S. Cl. 210/217; 210/394;
210/409; 210/402; 439/523; 439/556; 138/174
[58] Field of Search 210/784, 210, 211, 213,
210/217, 336, 394, 402, 403, 404, 411, 412;
8/156, 158; 138/37, 89, 94, 172, 174, 119,
157.02; 239/521, 523, 548, 556; 68/175, 200,
202, 204, 205 R
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30 Claims, 2 Drawing Sheets

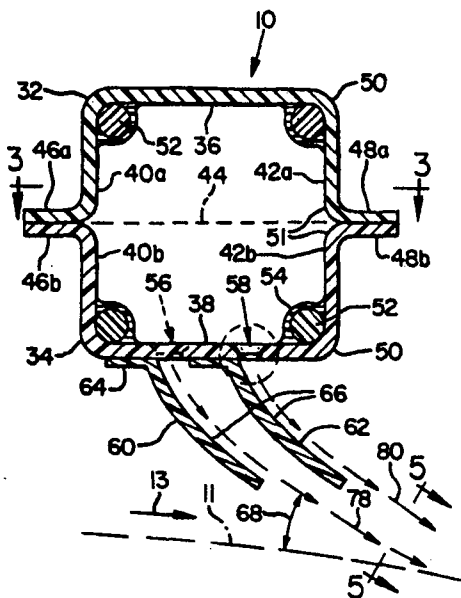


FIG. 7

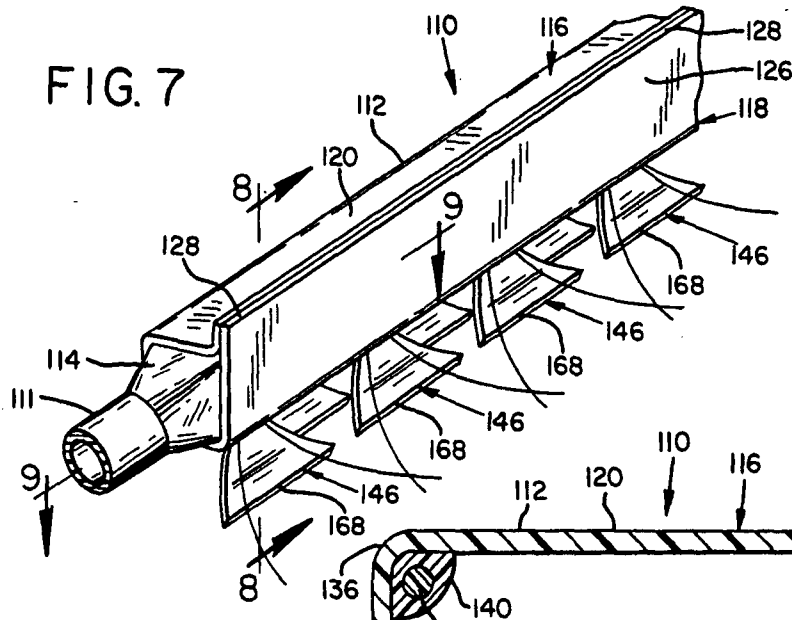


FIG. 8

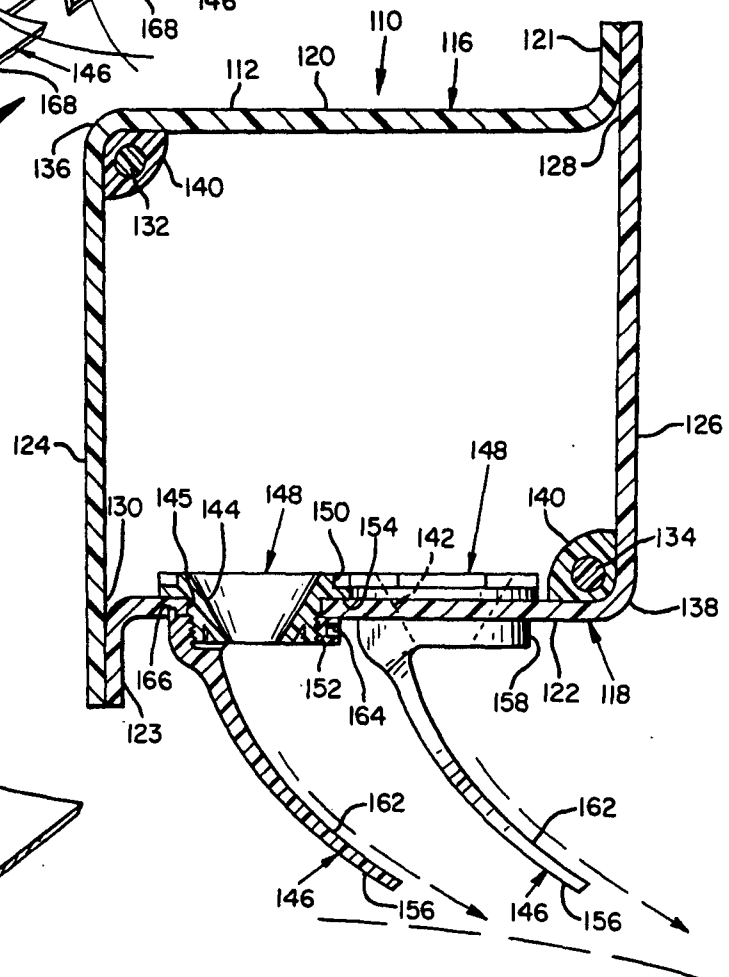


FIG. 10

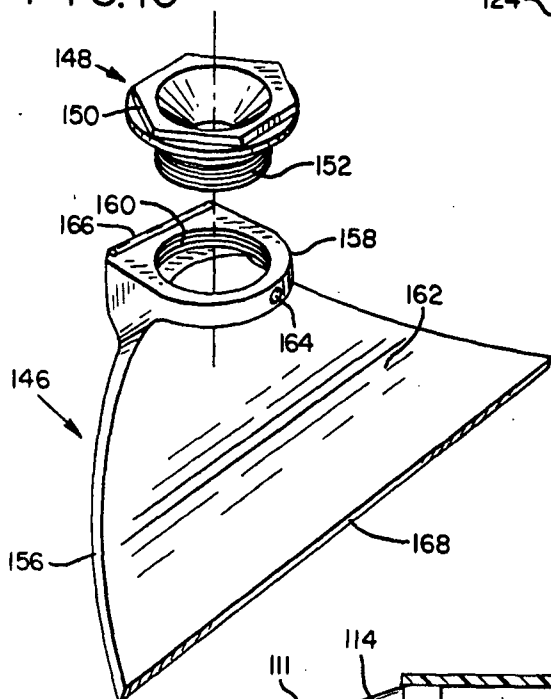
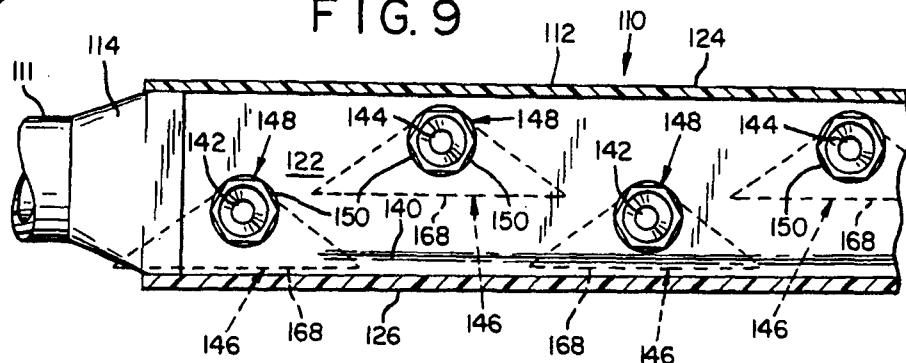


FIG. 9



(10) **Patent No.:** US 6,892,969 B2
(45) **Date of Patent:** May 17, 2005

- | | | |
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(22) Filed: **Dec. 31, 2001**

(65) **Prior Publication Data**

US 2002/0179745 A1 Dec. 5, 2002

Related U.S. Application Data

- (60) Provisional application No. 60/295,792, filed on Jun. 5, 2001.

- (51) Int. Cl.⁷ B05B 1/20
(52) U.S. Cl. 239/566; 239/513; 239/523;
 239/550
(58) Field of Search 239/505, 513,
 239/518, 521, 523, 524, 548, 550, 566,
 511; 162/60, 275, 310

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Primary Examiner—Steven J. Ganey

(74) Attorney, Agent, or Firm—Kolisch Hartwell, P.C.

(57) **ABSTRACT**

A shower pipe assembly for use in a pulp processing mill is provided to wash a pulp mat with a liquid wash. The assembly includes a pipe for conveying the liquid wash through a plurality of apertures defined through the pipe wall, the apertures spaced along a substantially straight line. The assembly also includes a plurality of substantially identical flow distributors, including a nozzle and a lip, wherein the nozzle is part of a mount that can be oriented to provide either of two configurations to the lip. The resulting structure provides the liquid wash in two angularly separated planes to the pulp mat. The mount includes a first shoulder and a second shoulder of differing thicknesses and can be selectively oriented to provide the two configurations of the lip to produce the two planes of spray.

13 Claims, 6 Drawing Sheets

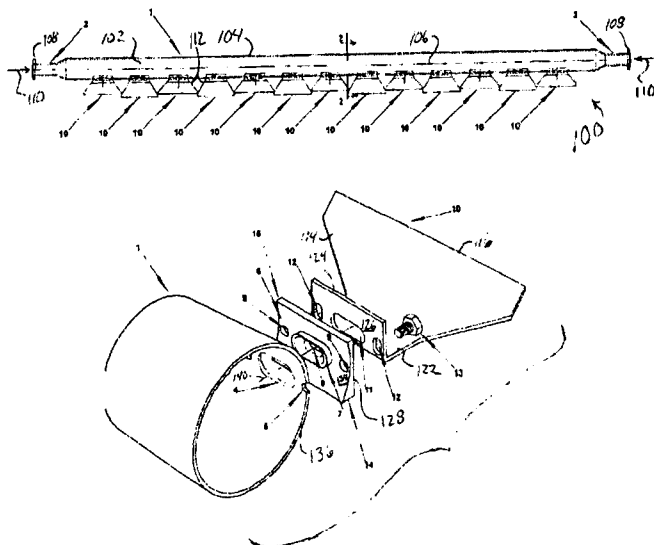


FIG. 3

