SHALE DRILL PIPE

Applicant: Vam Drilling USA, Inc., Houston, TX (US)

Inventors: Mazhar Mahmood, Houston, TX (US);
Marta Lafuente, Houston, TX (US);
Scott Granger, Houston, TX (US)

Assignee: Vam Drilling USA, Inc., Houston, TX (US)

Term: 14 Years

Filed: Jan. 28, 2013

LOC (10) CL .............................................. 23-01

U.S. CL

USPC .................................................. D23/266

Field of Classification Search
USPC ...... D23/229, 259, 262, 263, 266; D24/129;
D13/155; 138/103, 105, 109, 118,
138/118.1, 121, 122, 126, 128, 140, 154,
138/155, 157, 158, 167, 173, 177; 285/58,
285/3, 124.1, 124.5, 179, 179.1

See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

2,378,525 A * 6/1945 Abegg ....................... 29/402.09

OTHER PUBLICATIONS
Drill Pipe, available reference date May 14, 2008 online. [site visited

(Continued)

Primary Examiner — Eric Goodman
Assistant Examiner — Daniel J Domino
Attorney, Agent, or Firm — Oblon, McClelland, Maier & Neusdell, L.L.P.

CLAIM
The ornamental design for a shale drill pipe, as shown and
described.

DESCRIPTION

FIG. 1 is a front, top, and left side perspective view of a first
embodiment of a shale drill pipe;
FIG. 2 is a rear, top, and right side perspective view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a top elevational view thereof;
FIG. 6 is a bottom elevational view thereof;
FIG. 7 is a front plan view thereof;
FIG. 8 is a rear plan view thereof;
FIG. 9 is a cross-sectional view thereof taken along line 9-9 in
FIG. 3;
FIG. 10 is an enlarged portion of a cross-sectional view
thereof from a section identified as 10 in FIG. 9;
FIG. 11 is a front, top, and left side perspective view of a
second embodiment of a shale drill pipe;
FIG. 12 is a rear, top, and right side perspective view thereof;
FIG. 13 is a right side elevational view thereof;
FIG. 14 is a left side elevational view thereof;
FIG. 15 is a top elevational view thereof;
FIG. 16 is a bottom elevational view thereof;
FIG. 17 is a front plan view thereof;
FIG. 18 is a rear plan view thereof; and,
FIG. 19 is a cross-sectional view thereof taken along line
19-19 in FIG. 13.

1 Claim, 11 Drawing Sheets
### References Cited

#### U.S. PATENT DOCUMENTS

<table>
<thead>
<tr>
<th>Patent Number</th>
<th>Date</th>
<th>Inventor(s)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>8,360,199 B2</td>
<td>1/2013</td>
<td>Johnson</td>
<td>138/120</td>
</tr>
<tr>
<td>2012/011555 A1*</td>
<td>5/2012</td>
<td>Levesan et al.</td>
<td>166/65.1</td>
</tr>
<tr>
<td>2012/0199400 A1*</td>
<td>8/2012</td>
<td>Boulet et al.</td>
<td>175/325.2</td>
</tr>
</tbody>
</table>

#### OTHER PUBLICATIONS


* cited by examiner