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2)SUSHMITA ANAND
(72)**Name of Inventor :**
1)ANURAG VERMA
2)SUSHMITA ANAND

(57) Abstract :
Disclosed is a submersible double-cylinder reciprocation pump system comprising a first submersible cylinder [131], having a first piston [136] with reciprocating motion; a second submersible cylinder [132], having a second piston [134] with reciprocating motion; a first top connecting rod [119], connected to a first bottom connecting rod [141], said first bottom connecting rod™s [141] bottom end being connected with said first piston [136]; a second top connecting rod [120], connected to a second bottom connecting rod [127], said second bottom connecting rod™s [127] bottom end being connected with said second piston [134]; and a crank [111], such that, angular displacement of said crank [111] leads to linear displacement of said connecting rods [119, 120, 141, 127] and said coupled pistons [136, 134], in that, linear displacement of said first connecting rod [119] being asynchronous with linear displacement of said second connecting rod [120].



No. of Pages : 25 No. of Claims : 17

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SUSHMITA ANAND

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Sheet No.: 1

COMPLETE SPECIFICATION

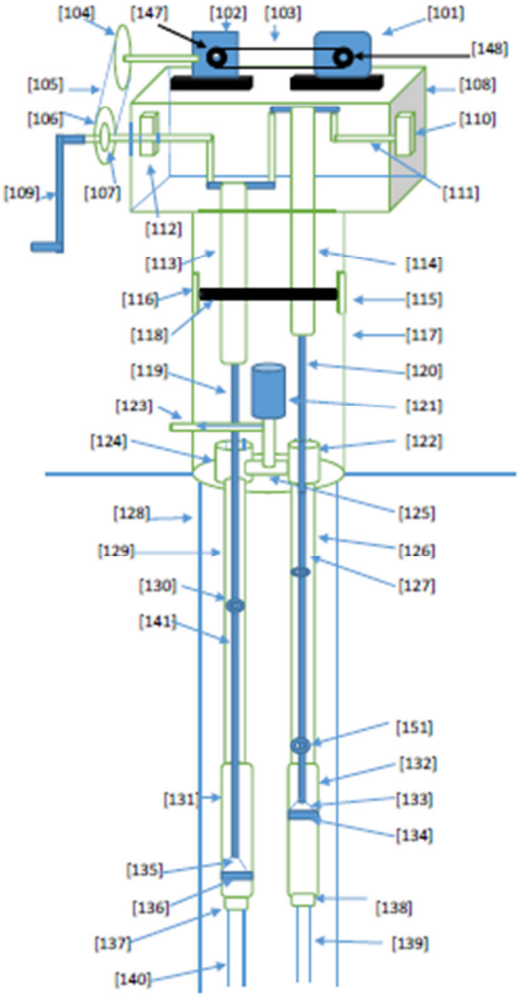


FIGURE 1

CHIRAG TANNA
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APPLICANT's PATENT AGENT
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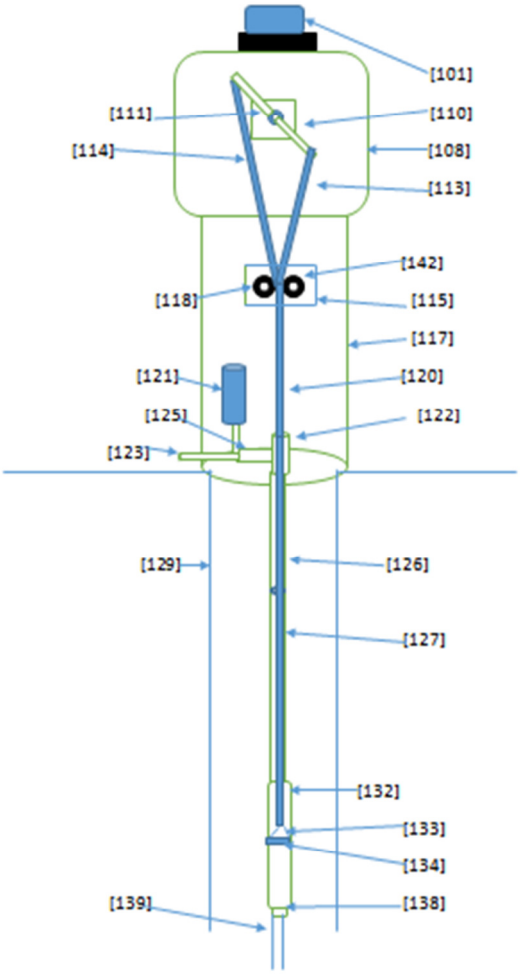


FIGURE 2

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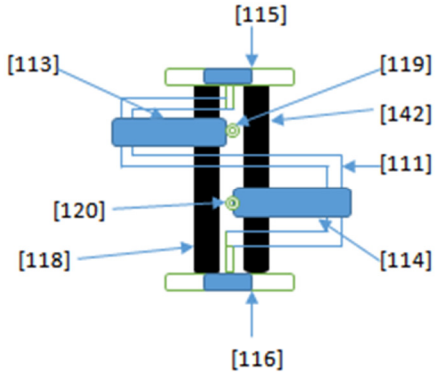


FIGURE 3a

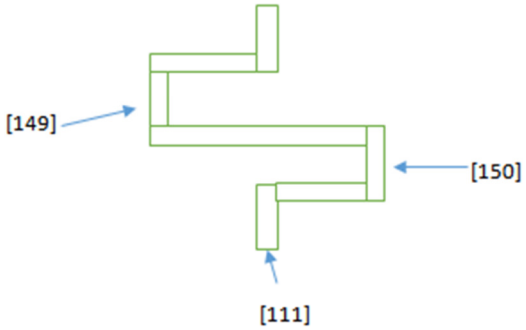


FIGURE 3b

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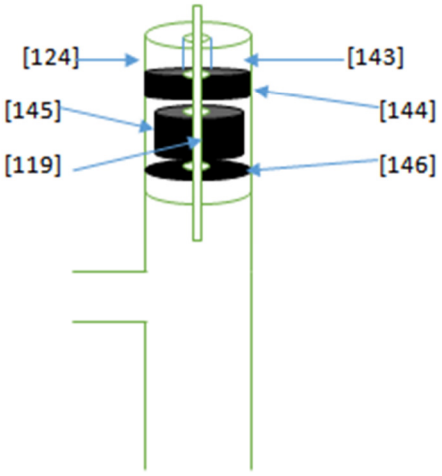


FIGURE 4a

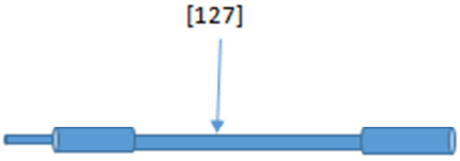


FIGURE 4b



FIGURE 4c

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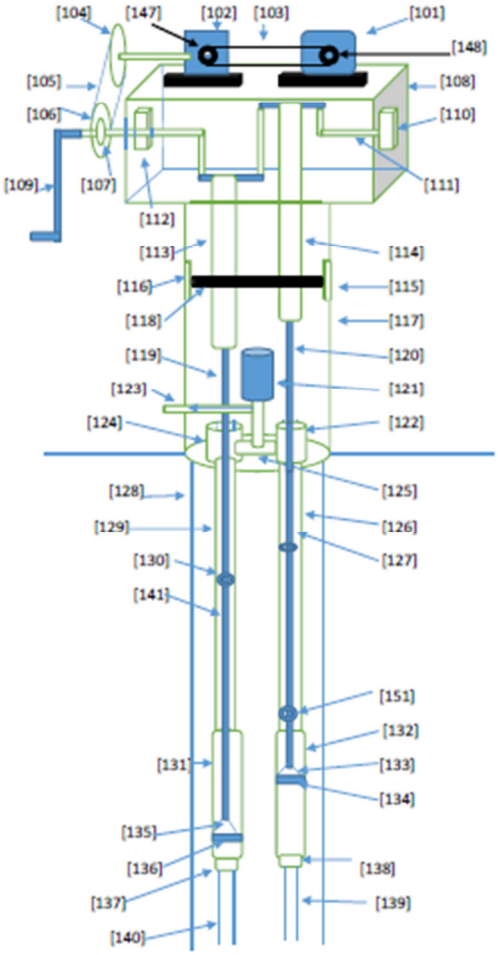


FIGURE 1

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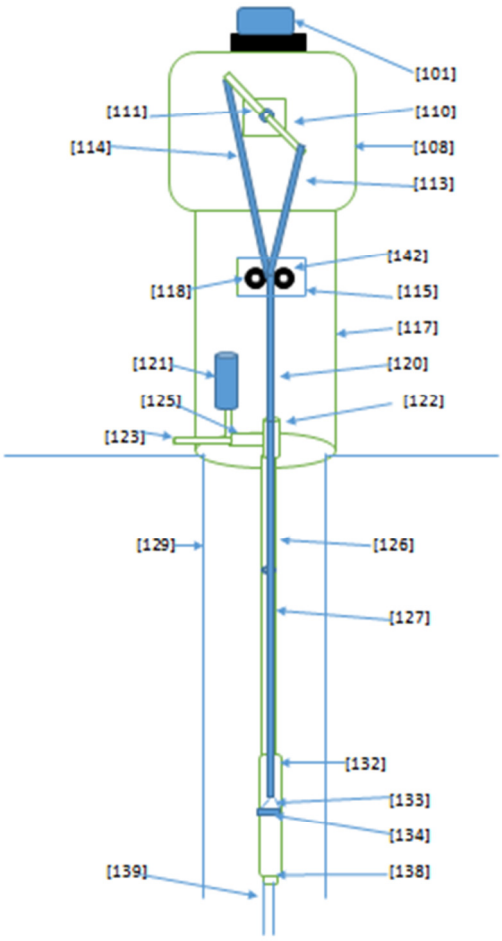


FIGURE 2

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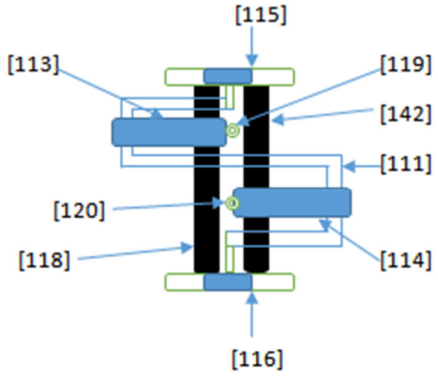


FIGURE 3a

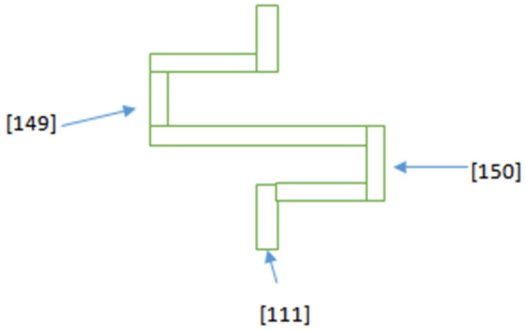


FIGURE 3b

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PROVISIONAL SPECIFICATION

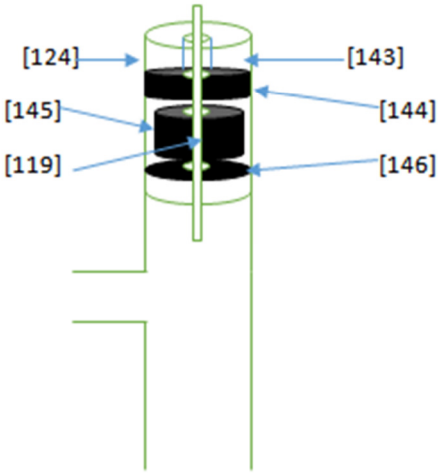


FIGURE 4a

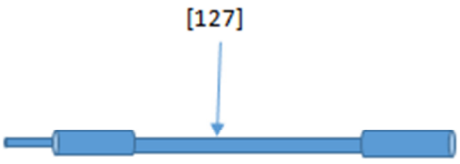


FIGURE 4b



FIGURE 4c

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