Annotated Claims

Slice a Published Patent or Application

8632677
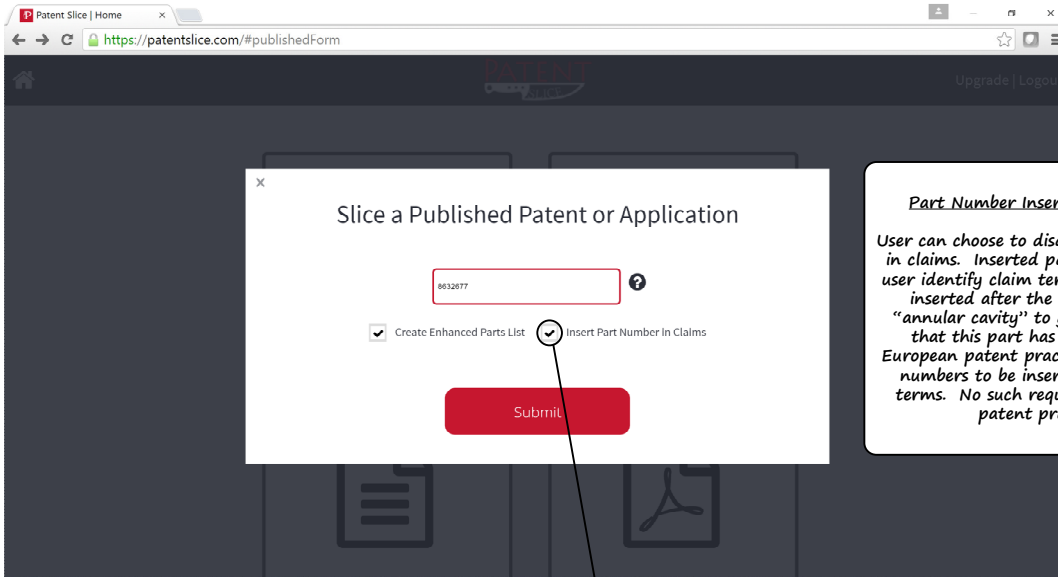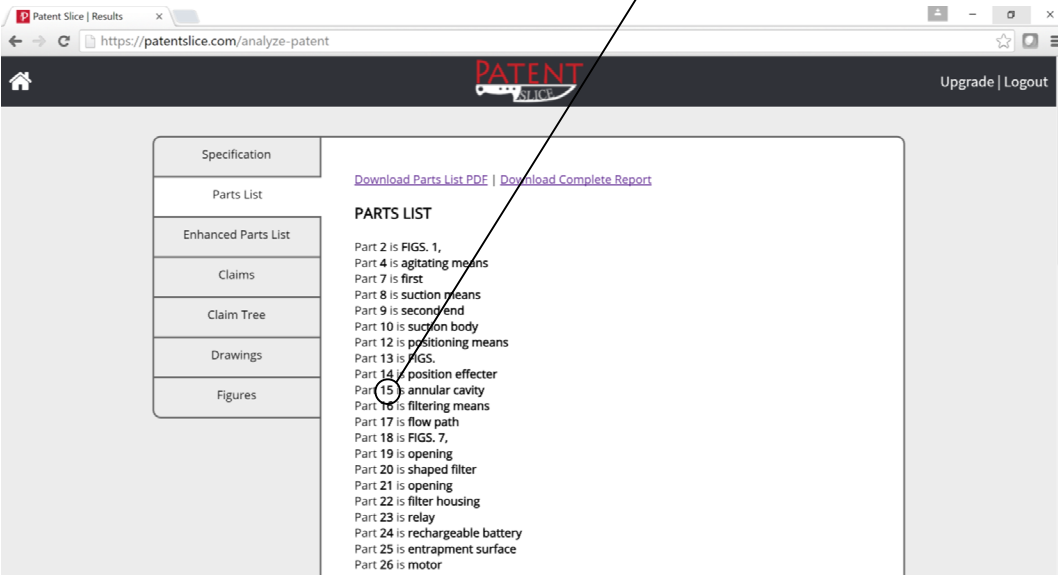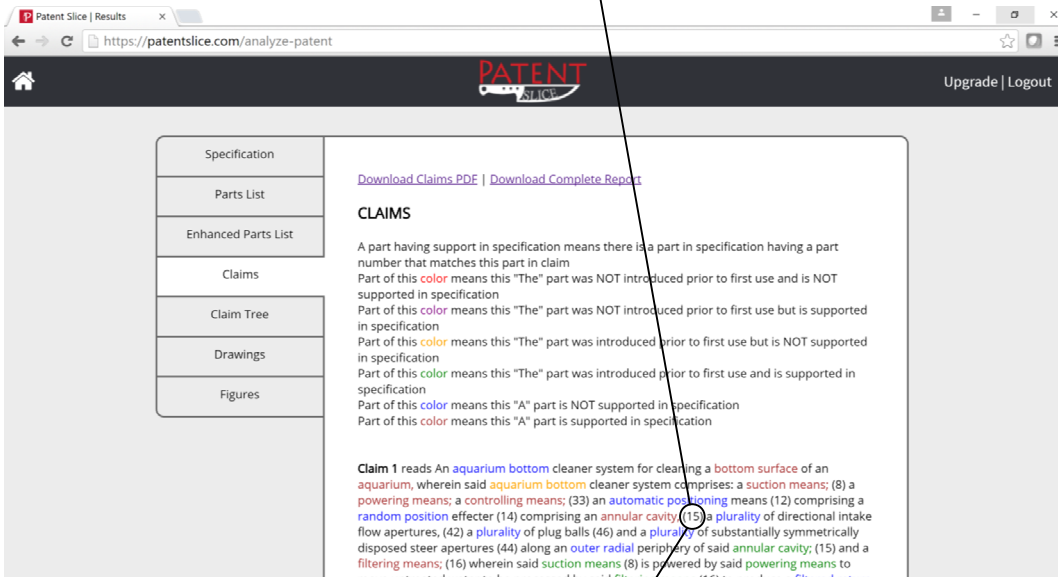
☑ Create Enhanced Parts List ☑ Insert Part Number In Claims

Submit

Part Number Insertion in Claims

User can choose to disable part insertion in claims. Inserted part numbers help user identify claim terms, e.g., # 15, is inserted after the claim element "annular cavity" to give you an idea that this part has been claimed. European patent practice requires part numbers to be inserted after claim terms. No such requirement for US patent practice

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CLAIMS

A part having support in specification means there is a part in specification having a part number that matches this part in claim
Part of this color means this "The" part was NOT introduced prior to first use and is NOT supported in specification
Part of this color means this "The" part was NOT introduced prior to first use but is supported in specification
Part of this color means this "The" part was introduced prior to first use but is NOT supported in specification
Part of this color means this "The" part was introduced prior to first use and is supported in specification
Part of this color means this "A" part is NOT supported in specification
Part of this color means this "A" part is supported in specification

Claim 1 reads An aquarium bottom cleaner system for cleaning a bottom surface of an aquarium, wherein said aquarium bottom cleaner system comprises: a suction means; (8) a powering means; a controlling means; (33) an automatic positioning means (12) comprising a random position effector (14) comprising an annular cavity (15) a plurality of directional intake flow apertures, (42) a plurality of plug balls (46) and a plurality of substantially symmetrically disposed steer apertures (44) along an outer radial periphery of said annular cavity; (15) and a filtering means; (16) wherein said suction means (8) is powered by said powering means to move untreated water to be processed by said filtering means (16) to produce a filtered return

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PARTS LIST

Part 2 is FIGS. 1,
Part 4 is agitating means
Part 7 is first
Part 8 is suction means
Part 9 is second end
Part 10 is suction body
Part 12 is positioning means
Part 13 is FIGS.
Part 14 is position effecter
Part 15 is annular cavity
Part 16 is filtering means
Part 17 is flow path
Part 18 is FIGS. 7,
Part 19 is opening
Part 20 is shaped filter
Part 21 is opening
Part 22 is filter housing
Part 23 is relay
Part 24 is rechargeable battery
Part 25 is entrapment surface
Part 26 is motor
Part 27 is return surface

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Specification
Parts List
Enhanced Parts List
Claims
Claim Tree
Drawings
Figures

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Part "annular cavity" is introduced prior to a reference to it later

Part "annular cavity" is referenced here but it was introduced earlier. So no antecedent basis problem which would have landed you a 112 rejection

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Specification
Parts List
Enhanced Parts List
Claims
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Figures

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PARTS LIST

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