

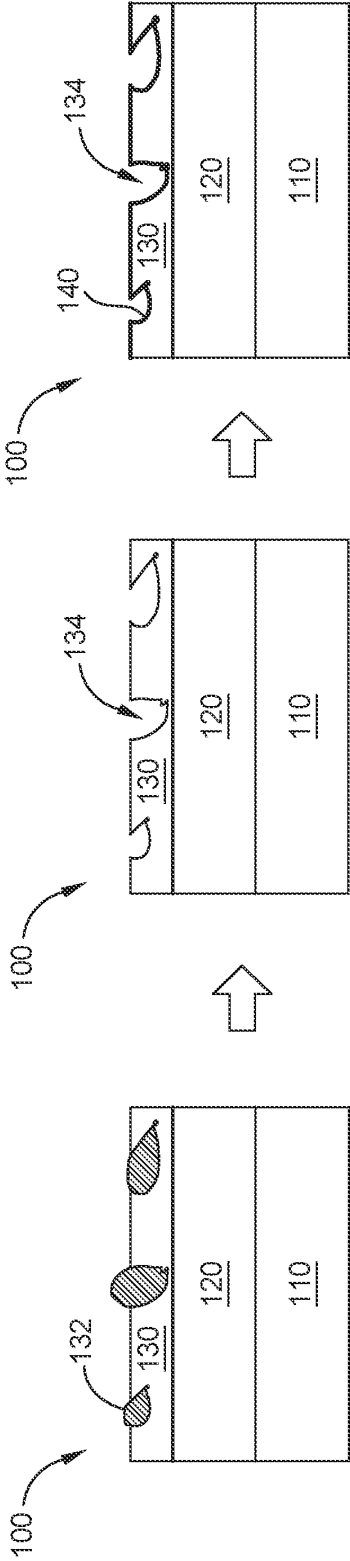


FIG. 1A

FIG. 1B

FIG. 1C

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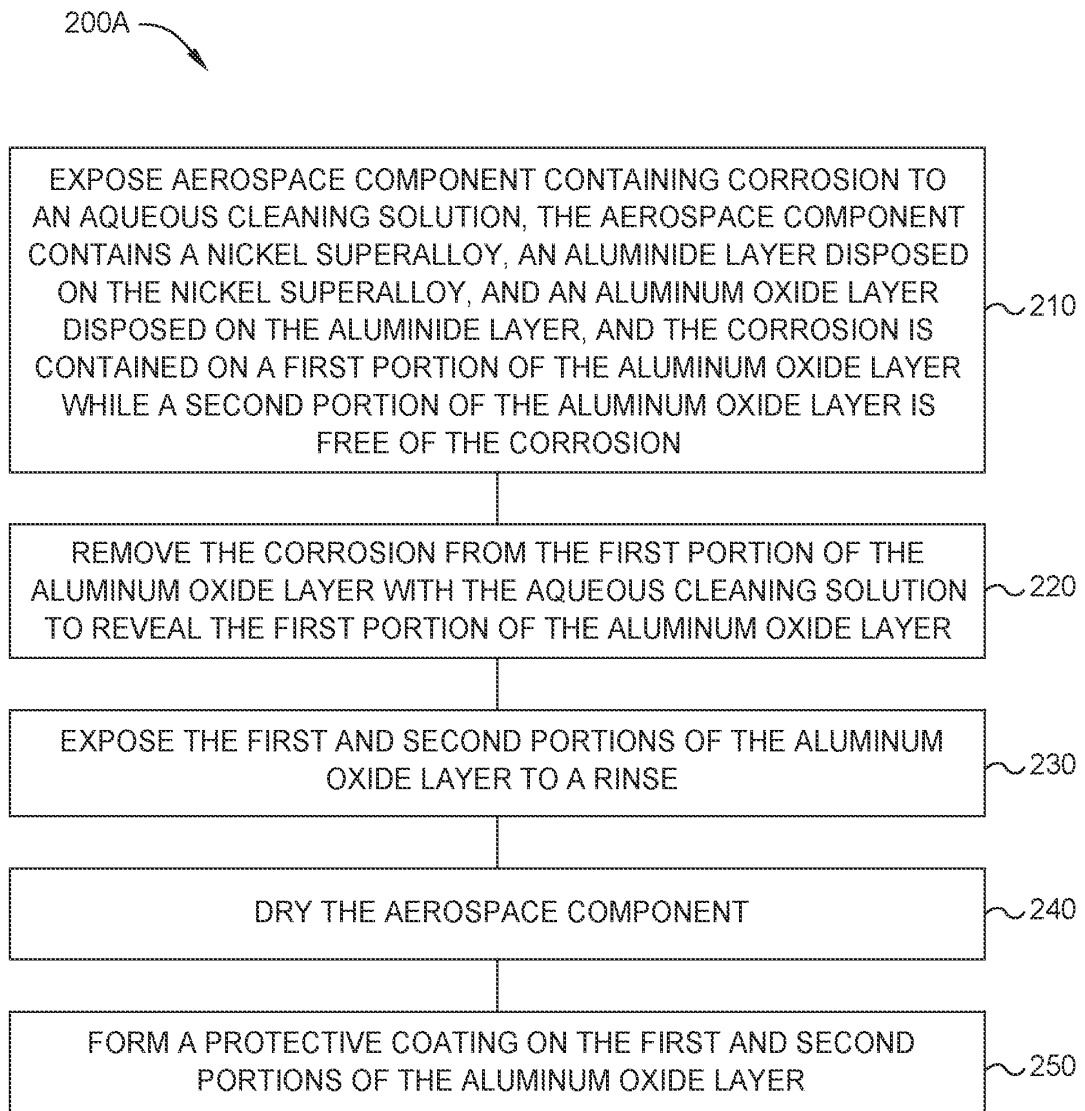


FIG. 2A

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200B 

1: COMBINATION OF DEIONIZED WATER AND ORGANIC SOLVENT
SONICATION AT RT FOR 30 MINUTES

DRYING WITH N₂-GUN 

2: COMBINATION OF CHELATING AGENT AND ALKALINE
SOLUTION SONICATION AT RT 3 HOURS

DRYING WITH N₂-GUN 

3: COMBINATION OF DEIONIZED WATER AND ORGANIC SOLVENT
SONICATION AT RT FOR 60 MINUTES

DRYING WITH N₂-GUN 

4: FORM A PROTECTIVE COATING ON THE FIRST AND SECOND
PORTIONS OF THE ALUMINUM OXIDE LAYER

FIG. 2B

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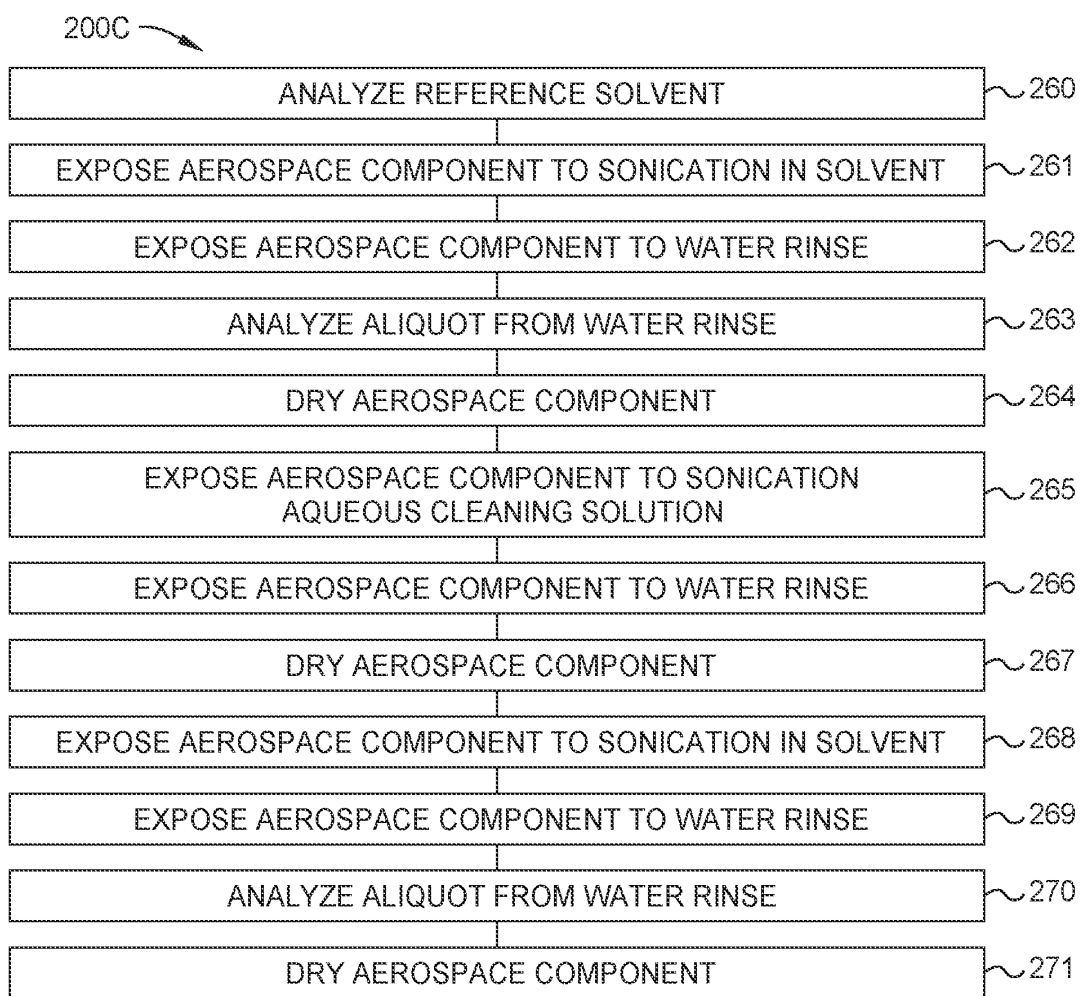


FIG. 2C

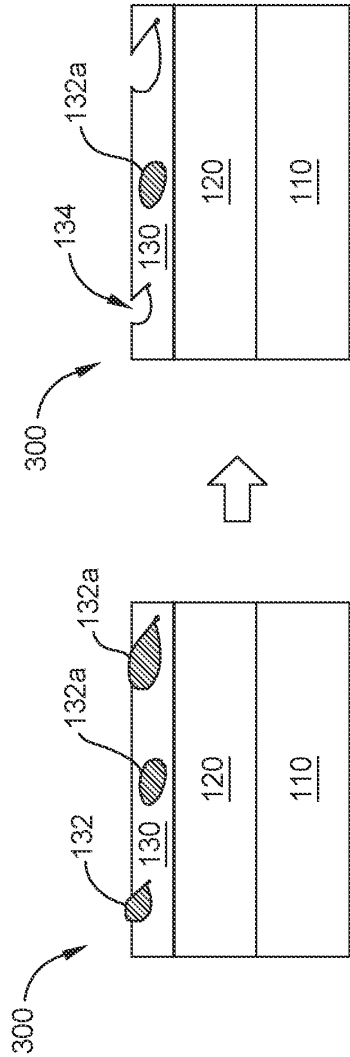


FIG. 3B

FIG. 3A

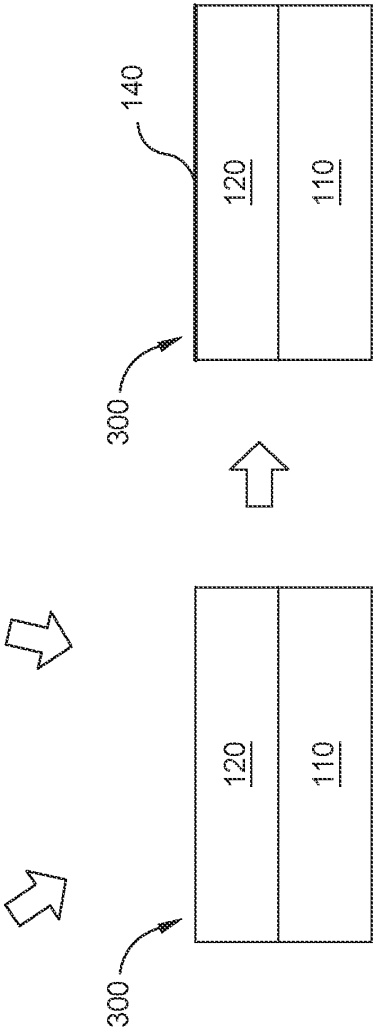


FIG. 3C

FIG. 3D

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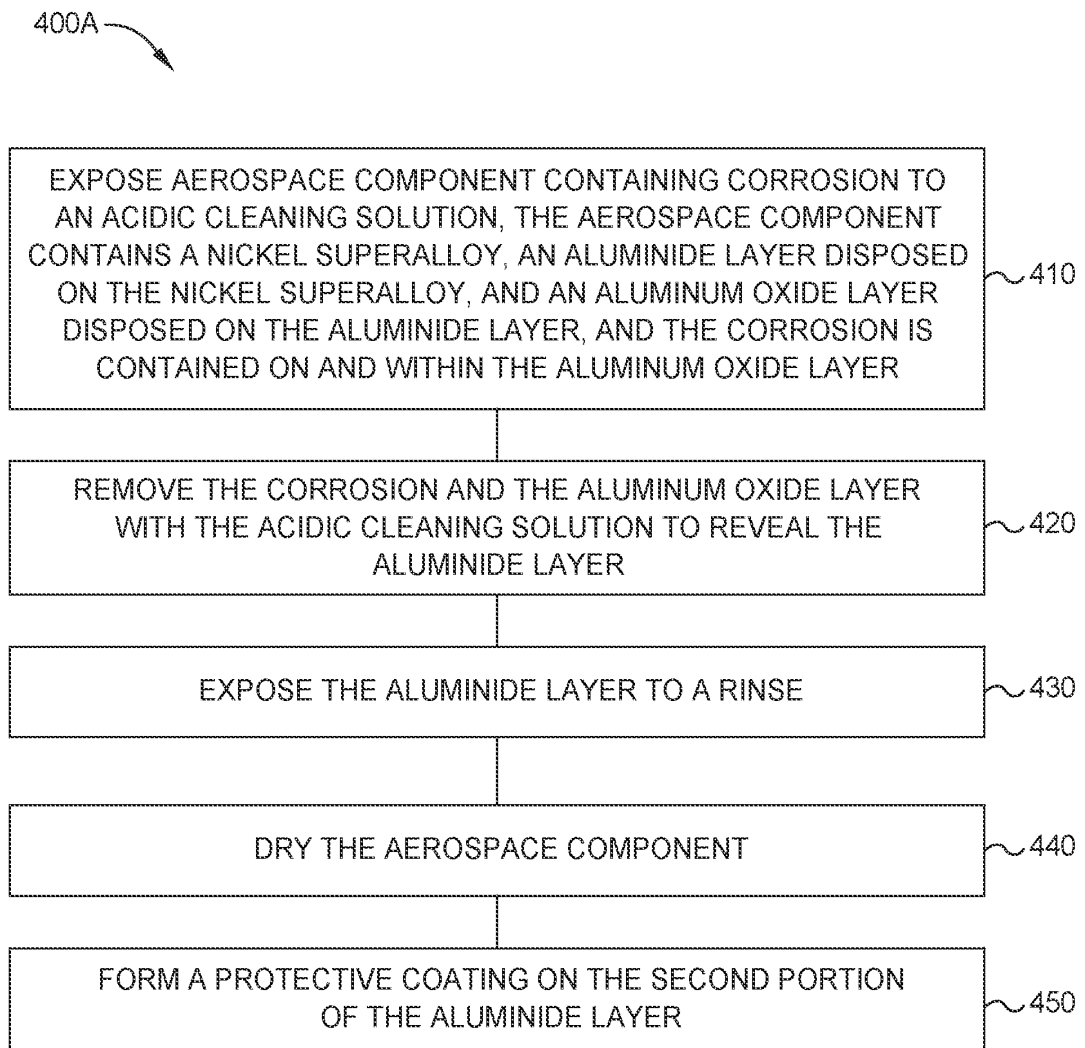


FIG. 4A

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400B 

1: COMBINATION OF DEIONIZED WATER AND ORGANIC SOLVENT
SONICATION AT RT FOR 30 MINUTES

DRYING WITH N₂-GUN

2: COMBINATION OF CHELATING AGENT AND ALKALINE
SOLUTION SONICATION AT RT 3 HOURS

DRYING WITH N₂-GUN

3: DEIONIZED WATER CLEANING

DRYING WITH N₂-GUN

4: 10-40%(V/V) ACIDIC CLEANING WITH MECHANICAL STIRRING
AT 50-100°C FOR 1 HOUR

DRYING WITH N₂-GUN

5: DEIONIZED WATER SONICATION AT RT 1 HOUR

DRYING WITH N₂-GUN

6: COMBINATION OF CHELATING AGENT AND ALKALINE
SOLUTION SONICATION AT RT 3 HOURS

DRYING WITH N₂-GUN

7: COMBINATION OF DEIONIZED WATER AND ORGANIC SOLVENT
SONICATION AT RT FOR 60 MINUTES

DRYING WITH N₂-GUN

8: FORM A PROTECTIVE COATING ON THE SECOND PORTION
OF THE ALUMINIDE LAYER

FIG. 4B

J

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400C

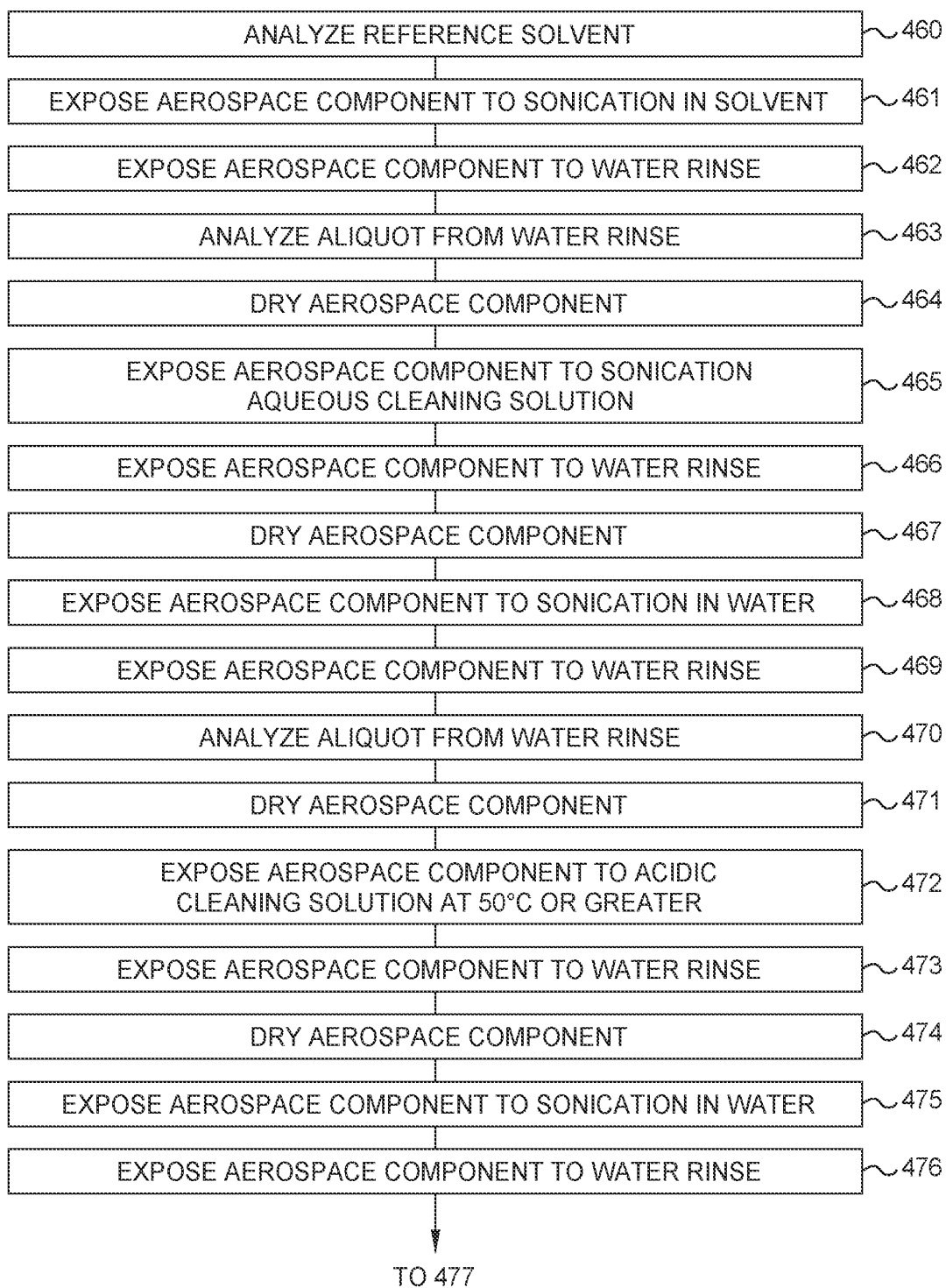


FIG. 4C

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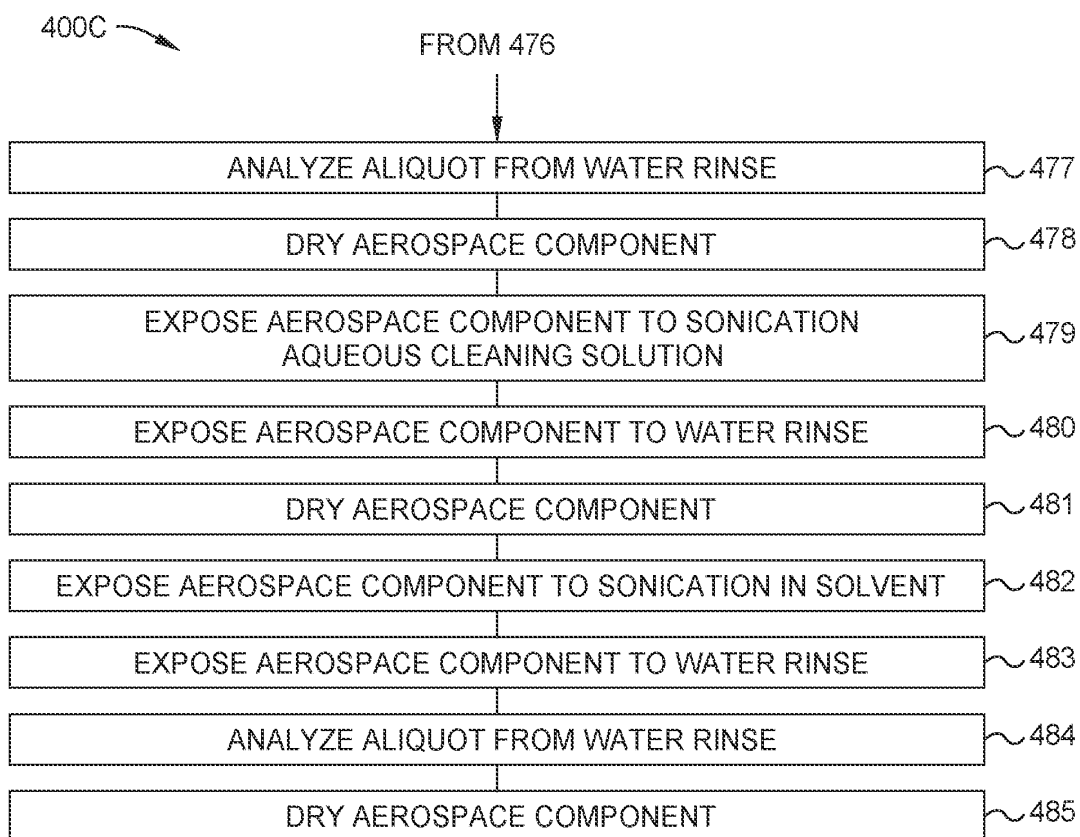


FIG. 4C CON'T.

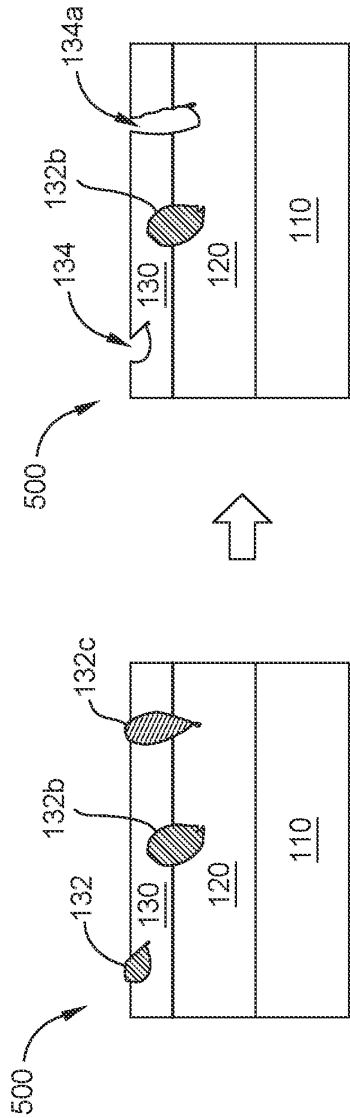


FIG. 5B

FIG. 5A

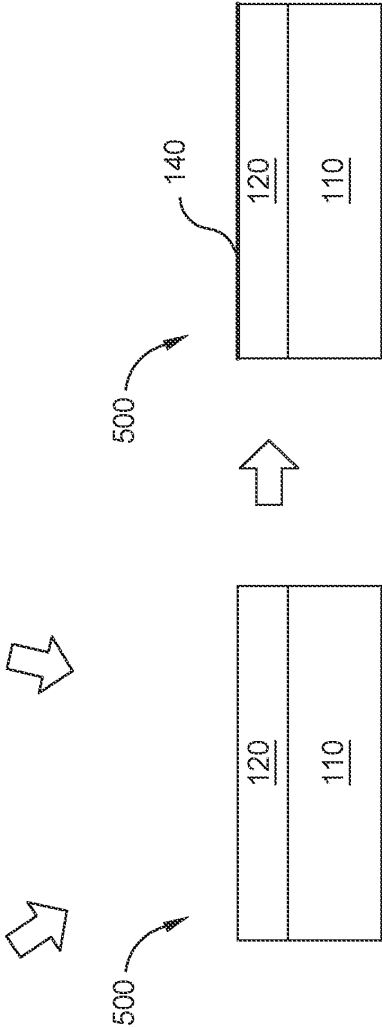


FIG. 5C

FIG. 5D

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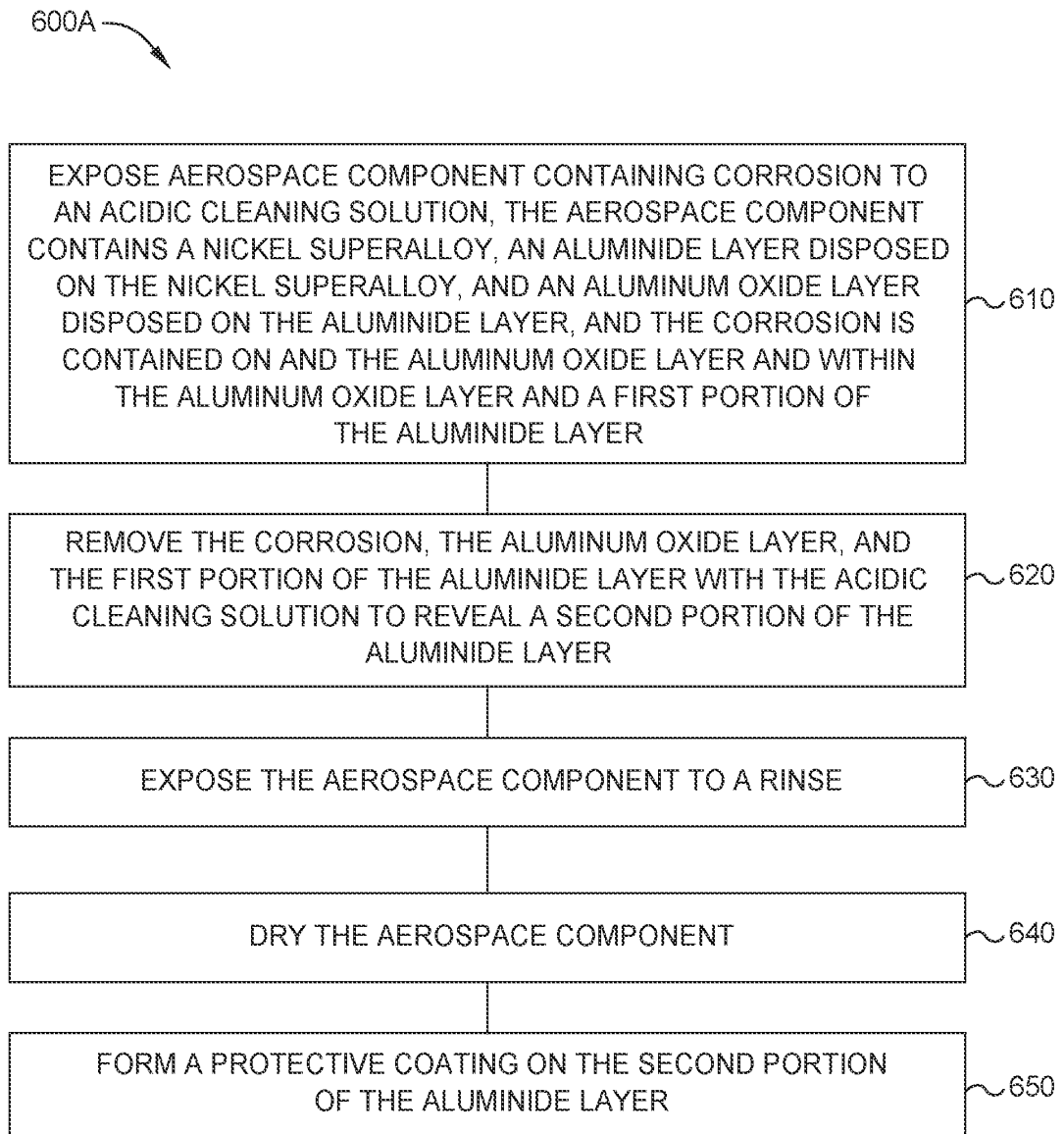


FIG. 6A

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600B 

1: COMBINATION OF DEIONIZED WATER AND ORGANIC SOLVENT
SONICATION AT RT FOR 30 MINUTES

DRYING WITH N₂-GUN

2: COMBINATION OF CHELATING AGENT AND ALKALINE
SOLUTION SONICATION AT RT 3 HOURS

DRYING WITH N₂-GUN

3: DEIONIZED WATER CLEANING

DRYING WITH N₂-GUN

4: 10-40%(V/V) ACIDIC OR MIXTURE OF ACIDS CLEANING WITH
MECHANICAL STIRRING AT RT FOR 1 HOUR

DRYING WITH N₂-GUN

5: DEIONIZED WATER CLEANING

DRYING WITH N₂-GUN

6: COMBINATION OF CHELATING AGENT AND ALKALINE
SOLUTION SONICATION AT RT 3 HOURS

DRYING WITH N₂-GUN

7: COMBINATION OF DEIONIZED WATER AND ORGANIC SOLVENT
SONICATION AT RT FOR 60 MINUTES

DRYING WITH N₂-GUN

8: FORM A PROTECTIVE COATING ON THE SECOND PORTION
OF THE ALUMINIDE LAYER

FIG. 6B

J

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600C

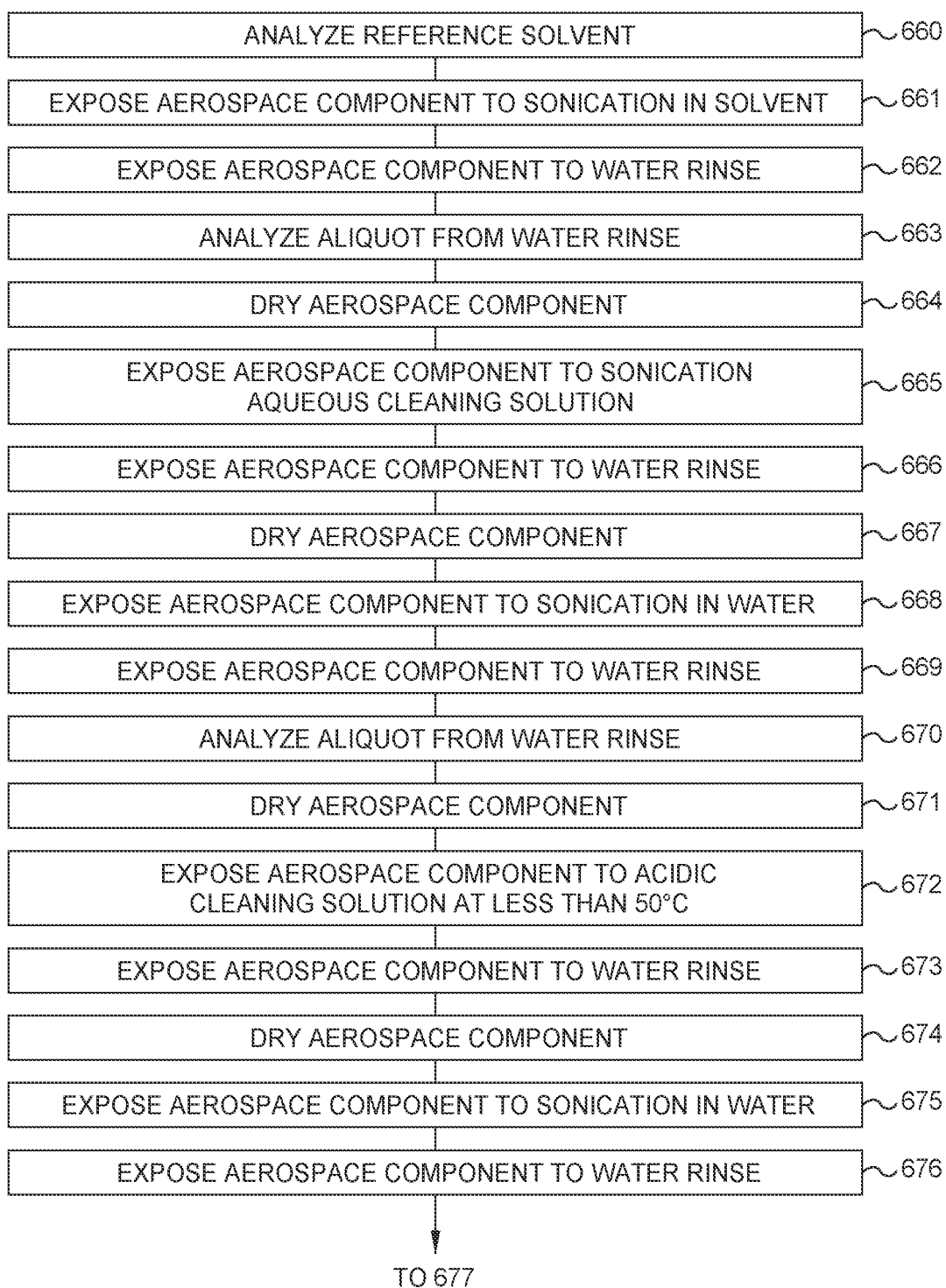


FIG. 6C

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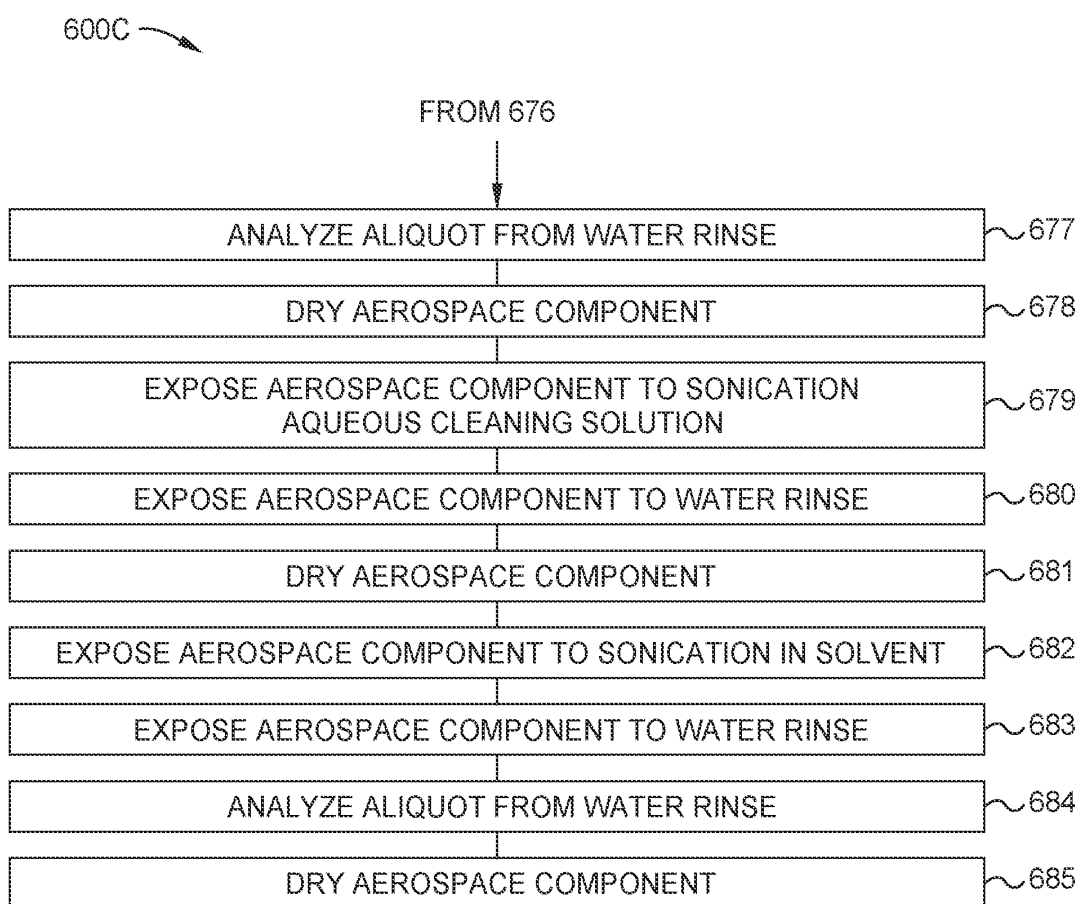


FIG. 6C CON'T.

