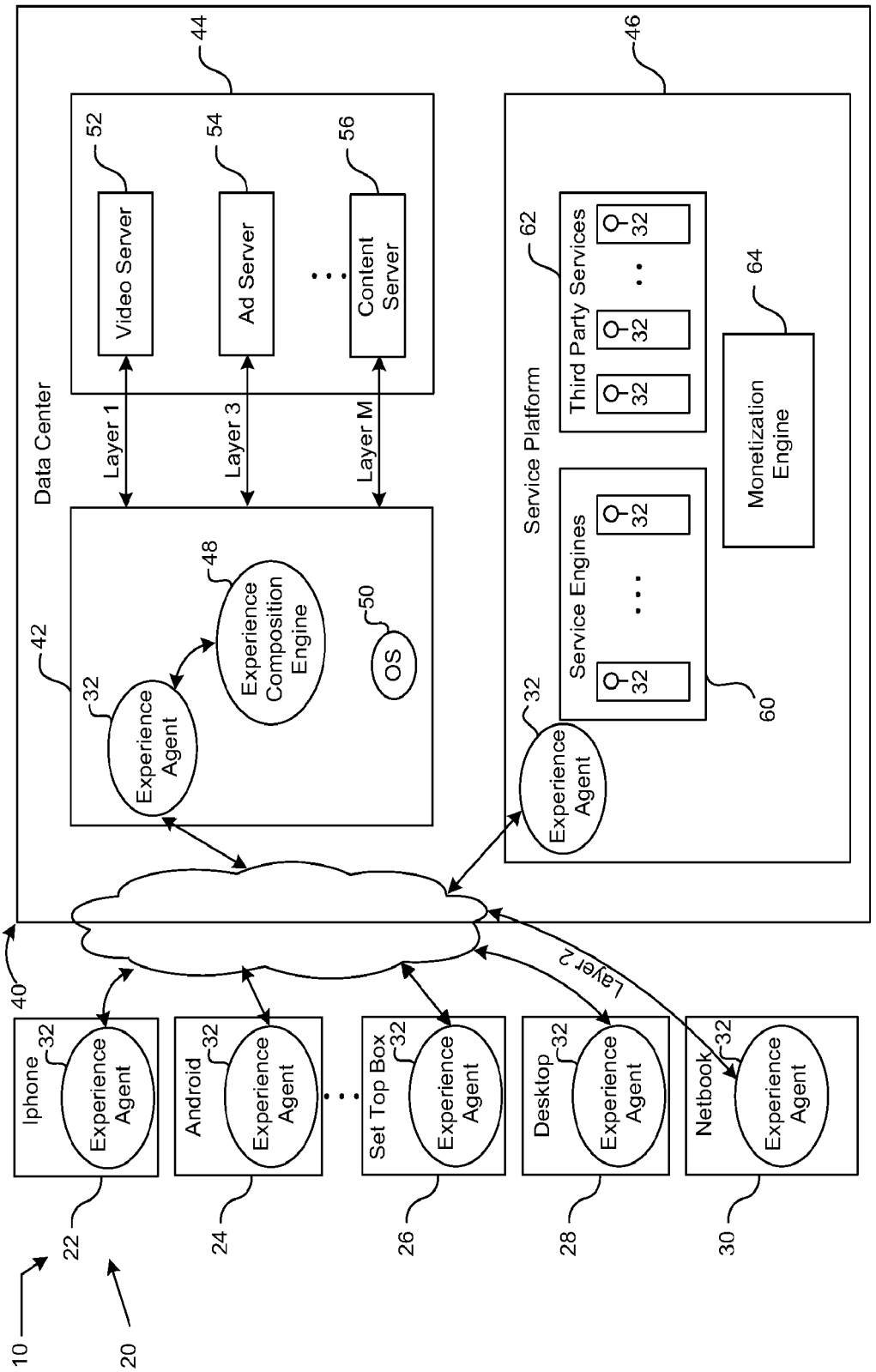

10
20
22
24
26
28
30
40
Iphone
Android
Set Top Box
Desktop
Netbook
Experience Agent
32
Layer 2
Data Center
42
44
46
Layer 1
Layer 3
Layer M
Video Server
Ad Server
Content Server
52
54
56
Experience Composition Engine
48
OS
50
Service Platform
62
Service Engines
60
Third Party Services
Monetization Engine
64

FIG. 1

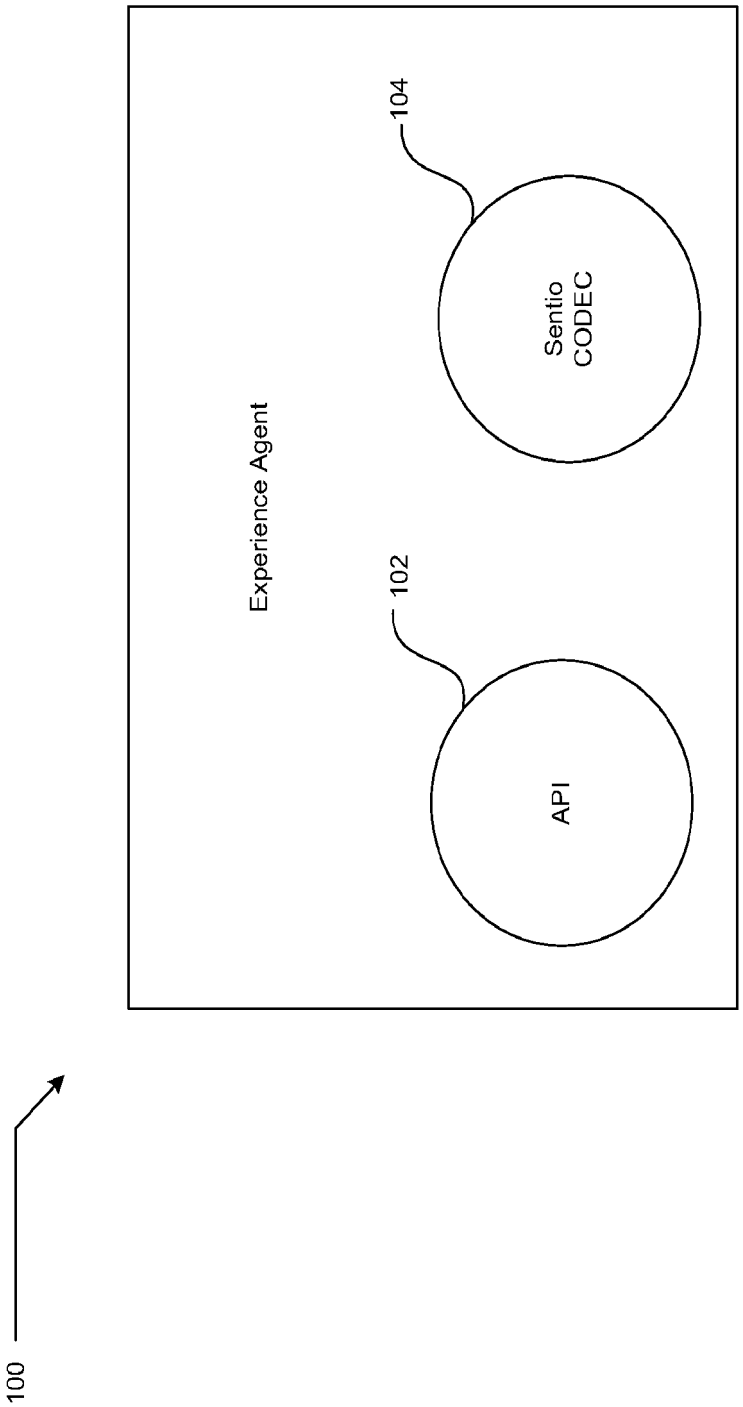


FIG. 2

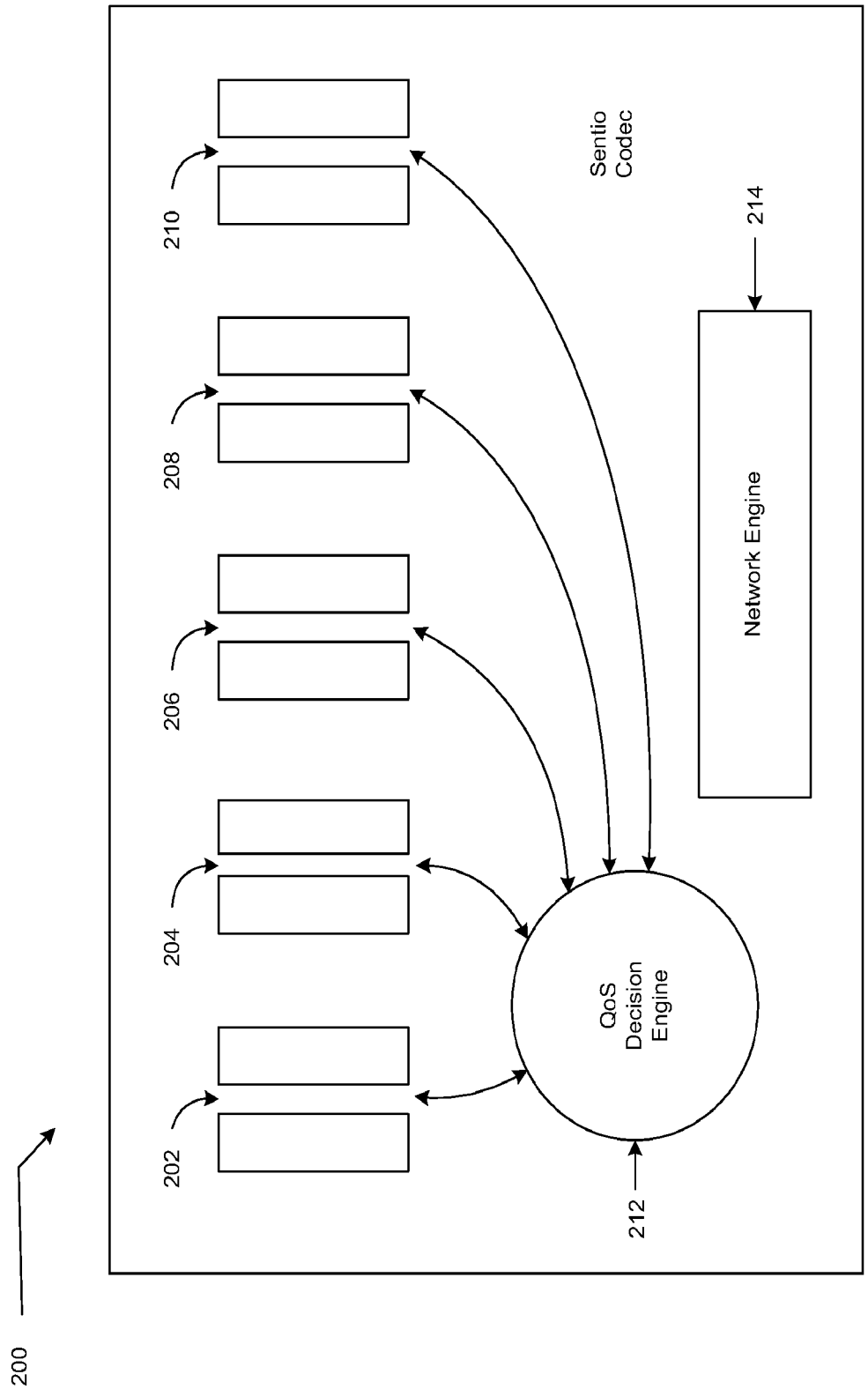

200
202
204
206
208
210
212
214
QoS Decision Engine
Network Engine
Sentio Codec

FIG. 3

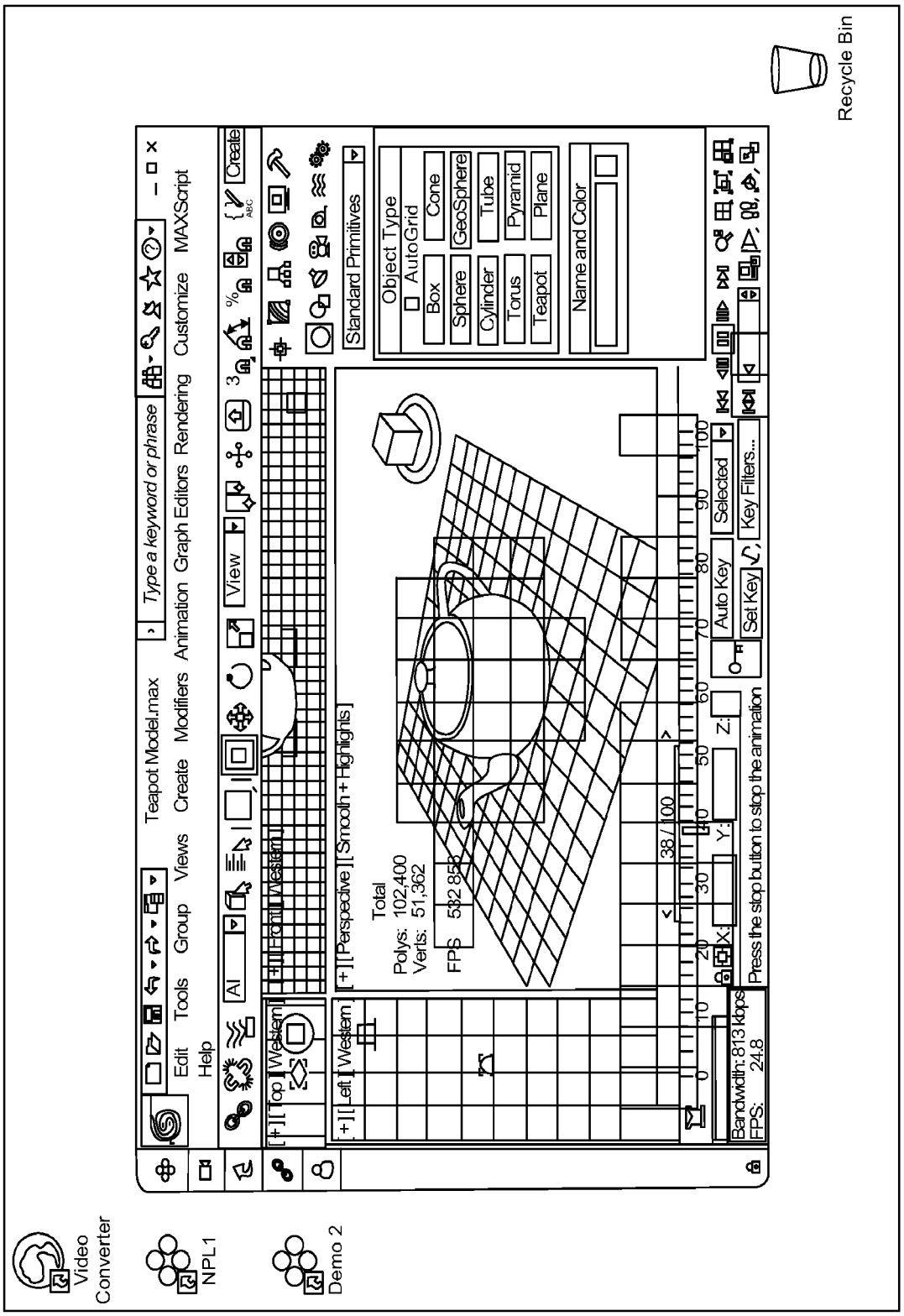

Video Converter
NPL1
Demo 2
Recycle Bin
Teapot Model.max
Type a keyword or phrase
Edit Tools Group Views Create Modifiers Animation Graph Editors Rendering Customize MAXScript
Help
Create
Standard Primitives
Object Type
AutoGrid
Box
Cone
Sphere
GeoSphere
Cylinder
Tube
Torus
Pyramid
Teapot
Plane
Name and Color
[+][Left][Western]
[+][Top][Western]
[+][Front][Western]
[+][Perspective][Smooth + Highlights]
Total
Polys: 102,400
Verts: 51,362
FPS: 532.858
Auto Key
Selected
Set Key
Key Filters...
Press the stop button to stop the animation
Bandwidth: 813 kbps
FPS: 24.8

FIG. 4

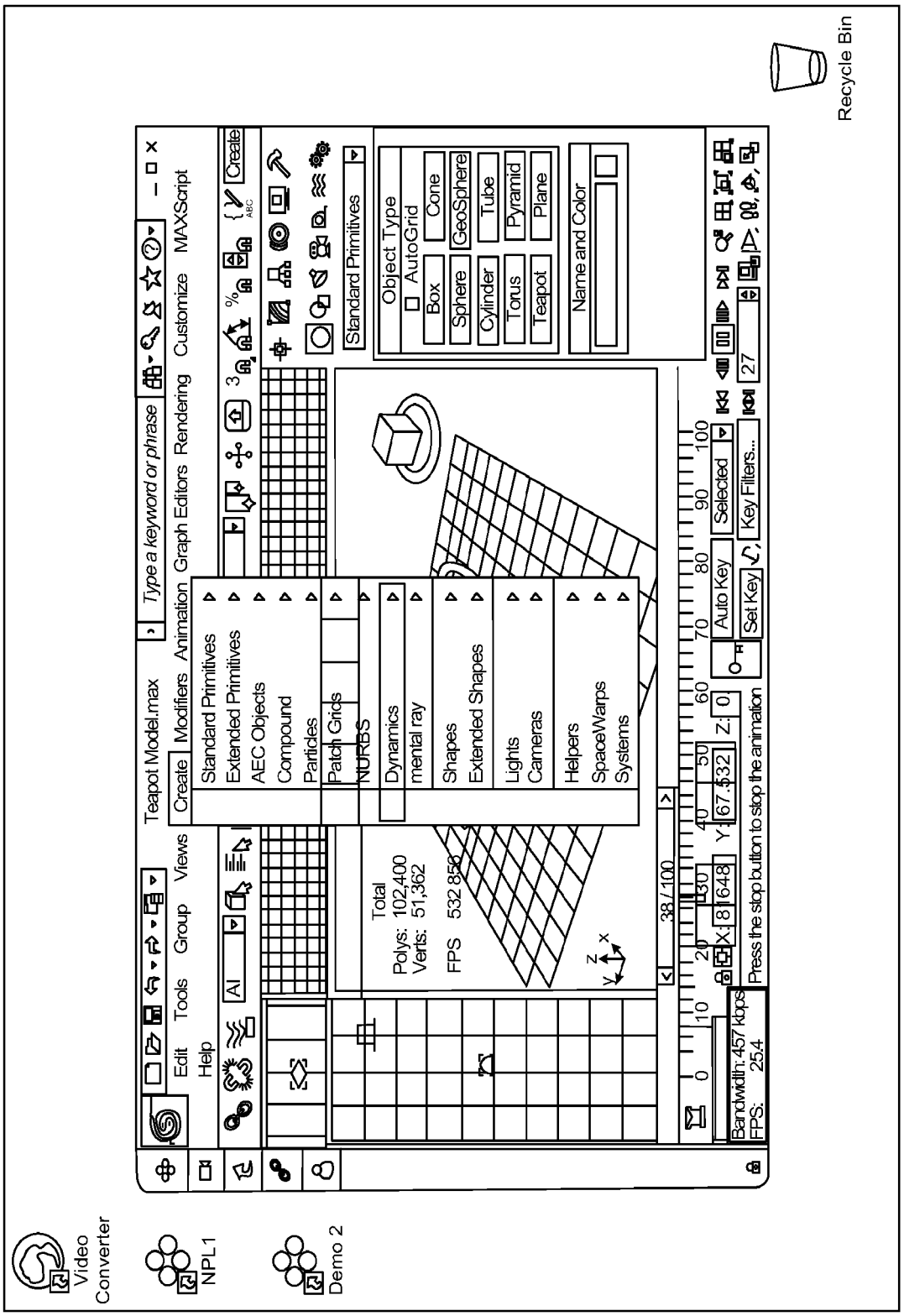

Recycle Bin
Video Converter
NPL1
Demo 2
Teapot Model.max
Type a keyword or phrase
Edit Tools Group Views Create Modifiers Animation Graph Editors Rendering Customize MAXScript
Help
Standard Primitives
Extended Primitives
AEC Objects
Compound
Particles
Patch Grids
NURBS
Dynamics
mental ray
Shapes
Extended Shapes
Lights
Cameras
Helpers
SpaceWarps
Systems
Standard Primitives
Object Type
AutoGrid
Box
Cone
Sphere
GeoSphere
Cylinder
Tube
Torus
Pyramid
Teapot
Plane
Name and Color
Create
Total
Polys: 102,400
Verts: 51,362
FPS 532.856
38 / 100
X: 8.648
Y: 67.532
Z: 0
Auto Key
Selected
Set Key
Key Filters...
27
Press the stop button to stop the animation
Bandwidth: 457 kbps
FPS: 25.4

FIG. 5

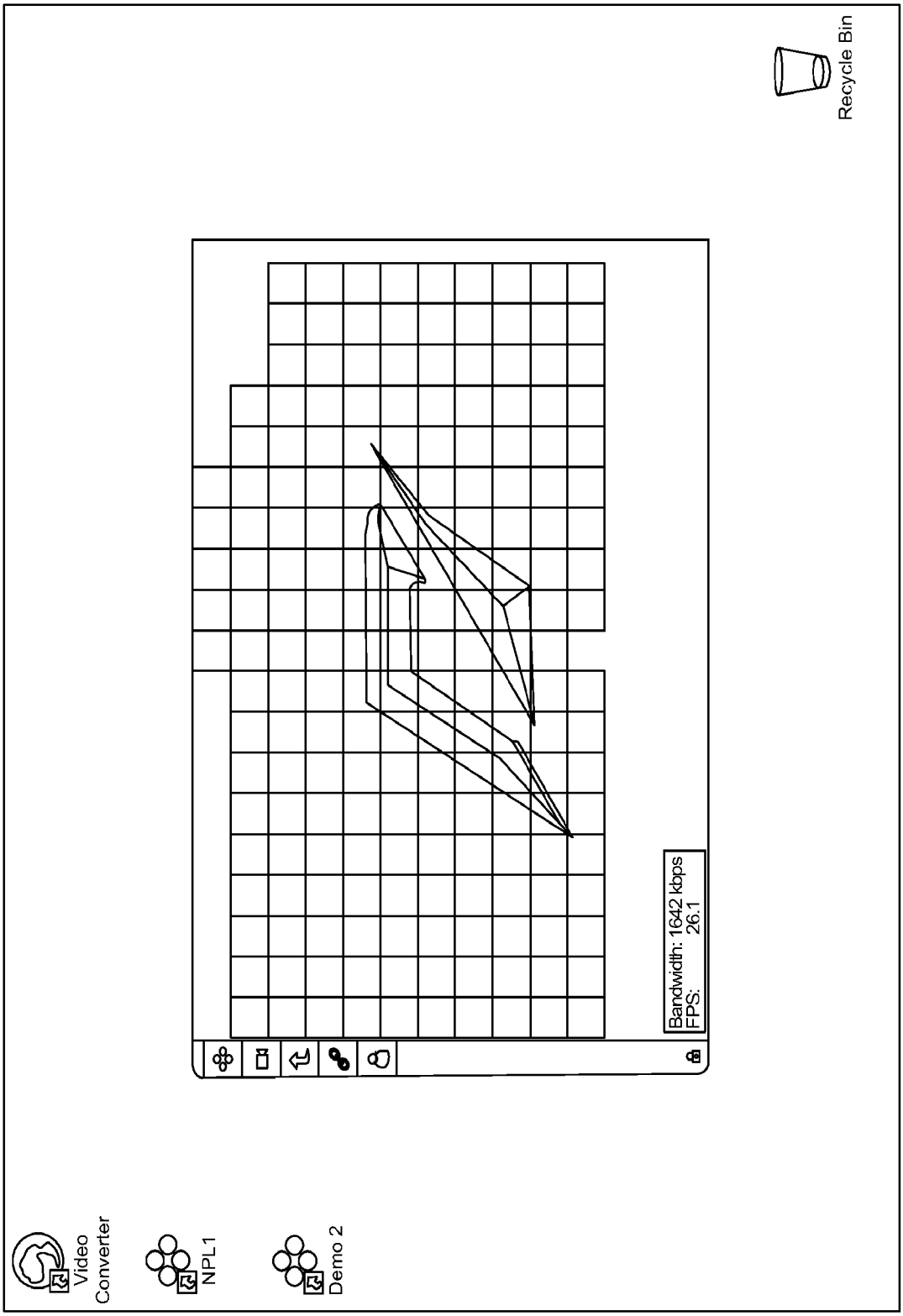

Recycle Bin
Bandwidth: 1642 kbps
FPS: 26.1
Video Converter
NPL1
Demo 2

FIG. 6

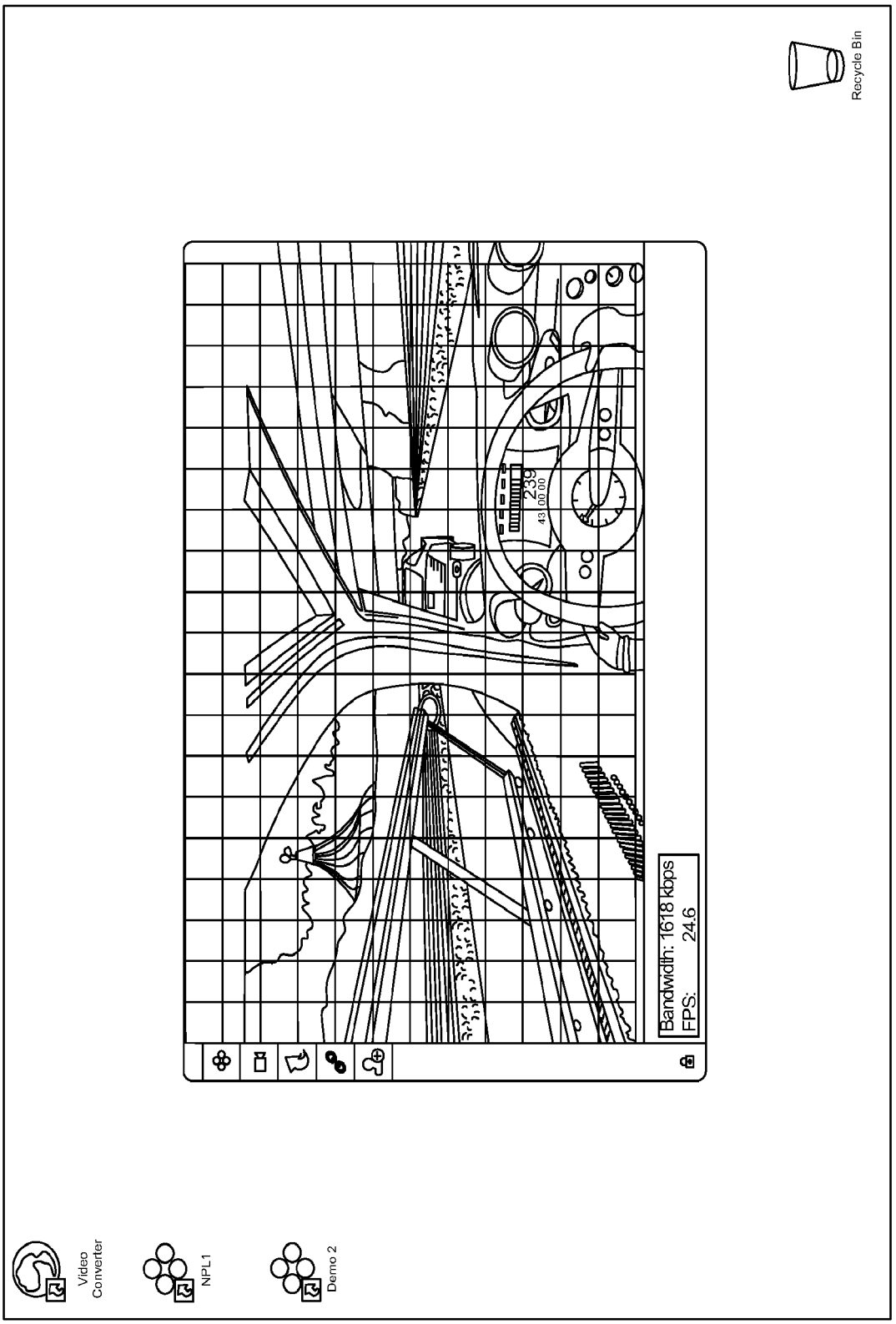

Recycle Bin
239
43 00 00
Bandwidth: 1618 kbps
FPS: 24.6
Video Converter
NPL1
Demo 2

FIG. 7

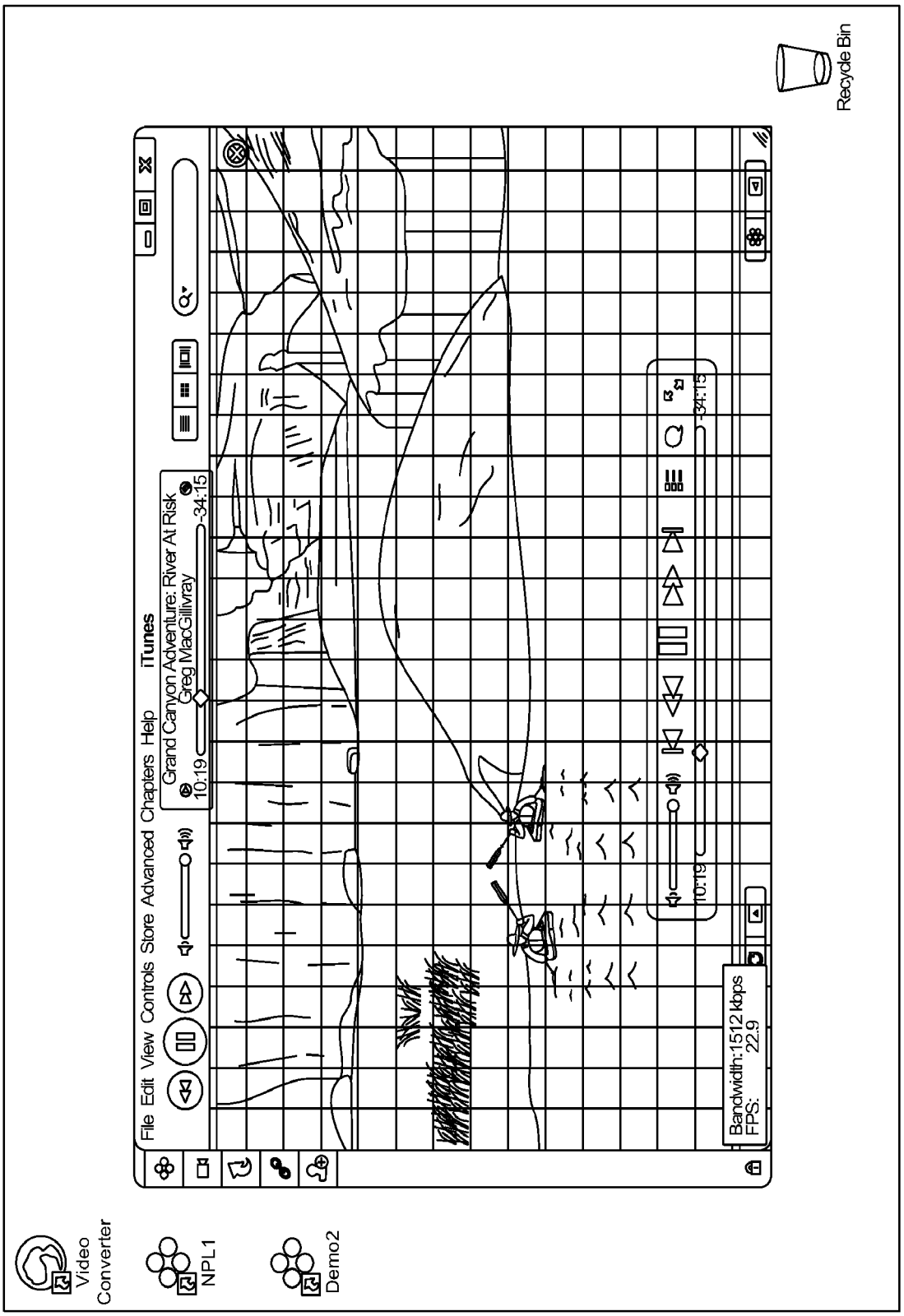

Recycle Bin
File Edit View Controls Store Advanced Chapters Help iTunes
Grand Canyon Adventure: River At Risk
Greg MacGillivray
10:19
-34:15
Bandwidth:1512 kbps
FPS: 22.9
Video Converter
NPL1
Demo2

FIG. 8

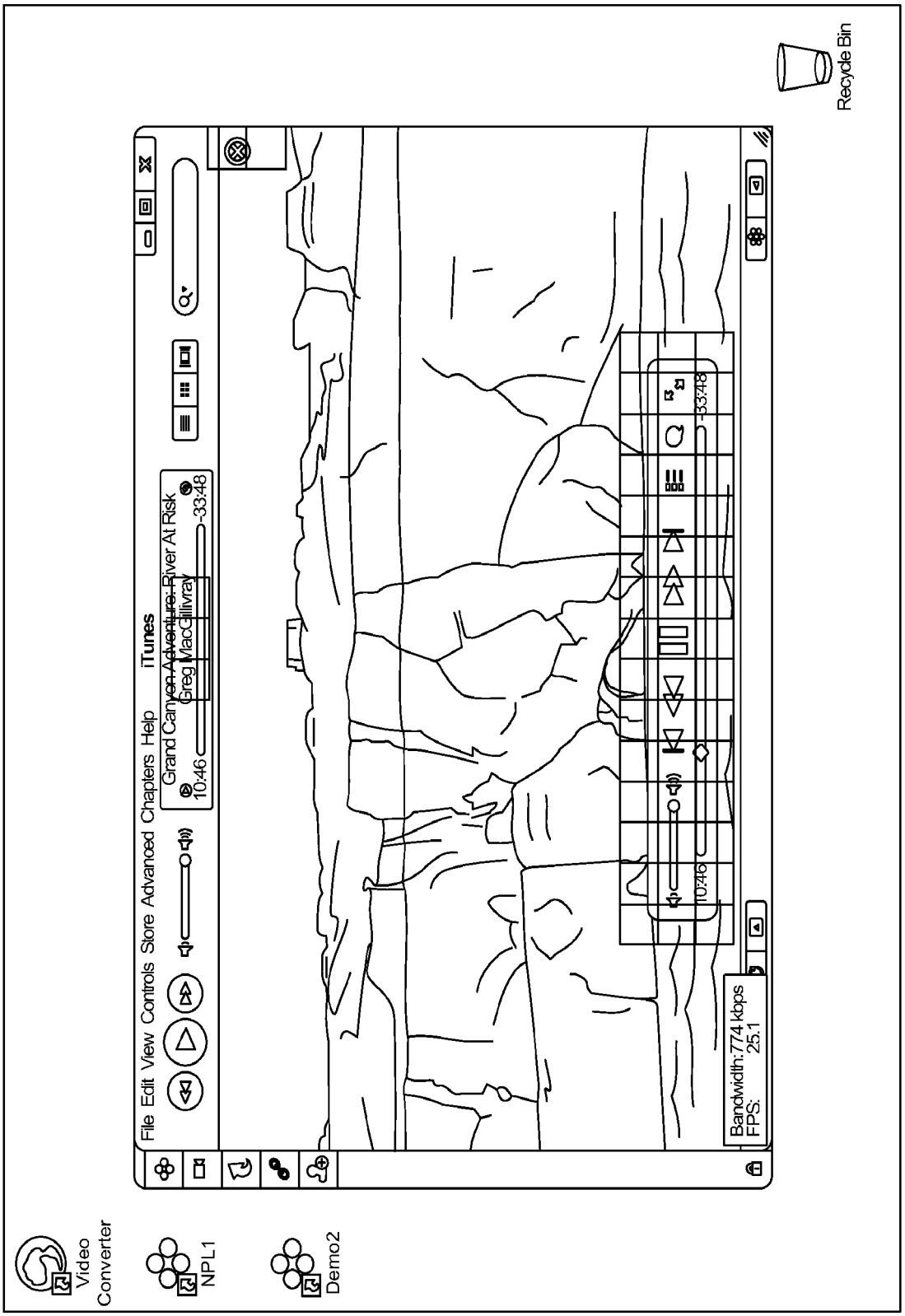

Recycle Bin
File Edit View Controls Store Advanced Chapters Help iTunes
Grand Canyon Adventure: River At Risk
Greg MacGillivray
10:46
-33:48
Bandwidth: 774 kbps
FPS: 25.1
Video Converter
NPL1
Demo2

FIG. 9

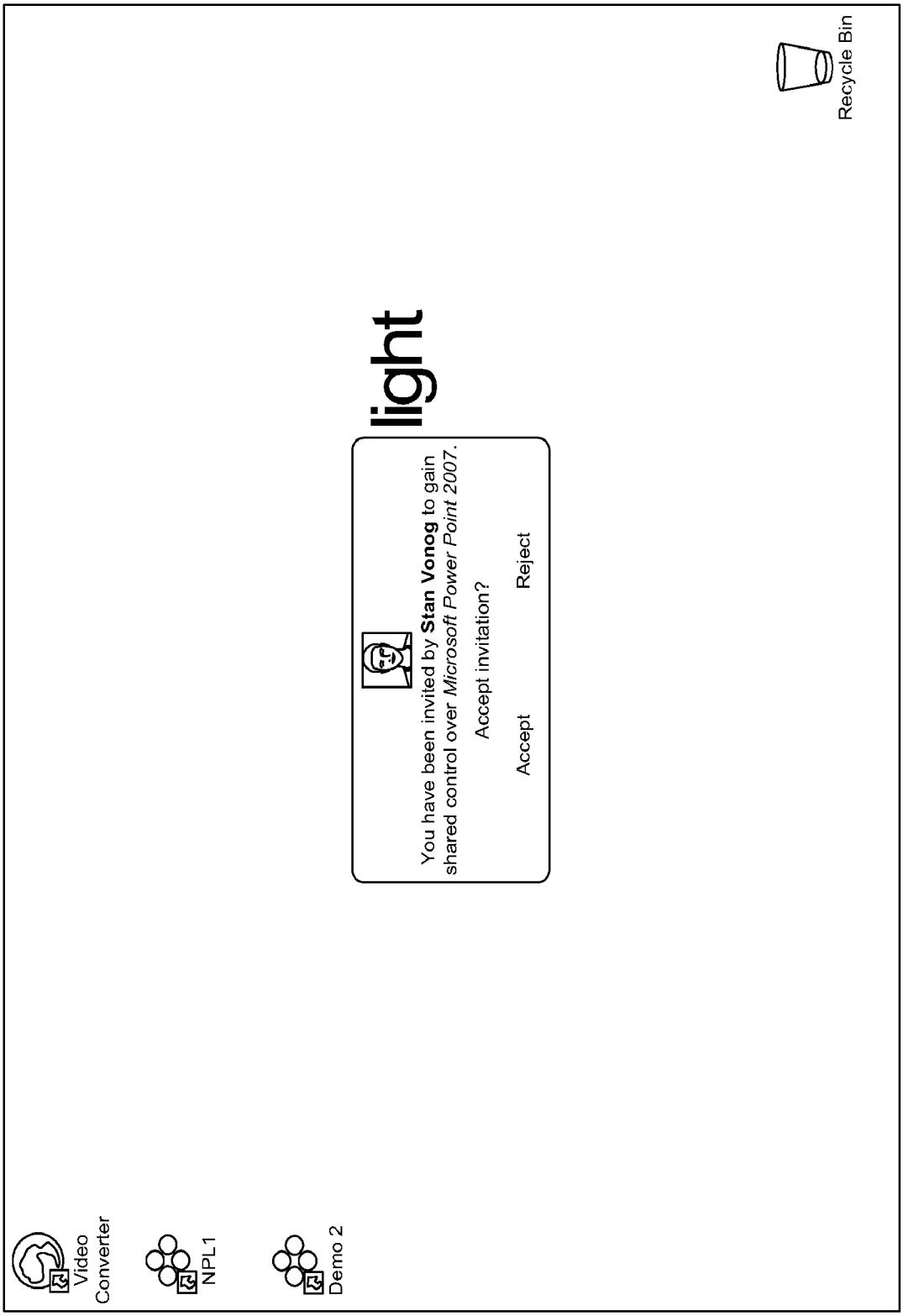

Video Converter
NPL1
Demo 2
light
You have been invited by **Stan Vonog** to gain shared control over *Microsoft Power Point 2007.*
Accept invitation?
Accept
Reject
Recycle Bin

FIG. 10

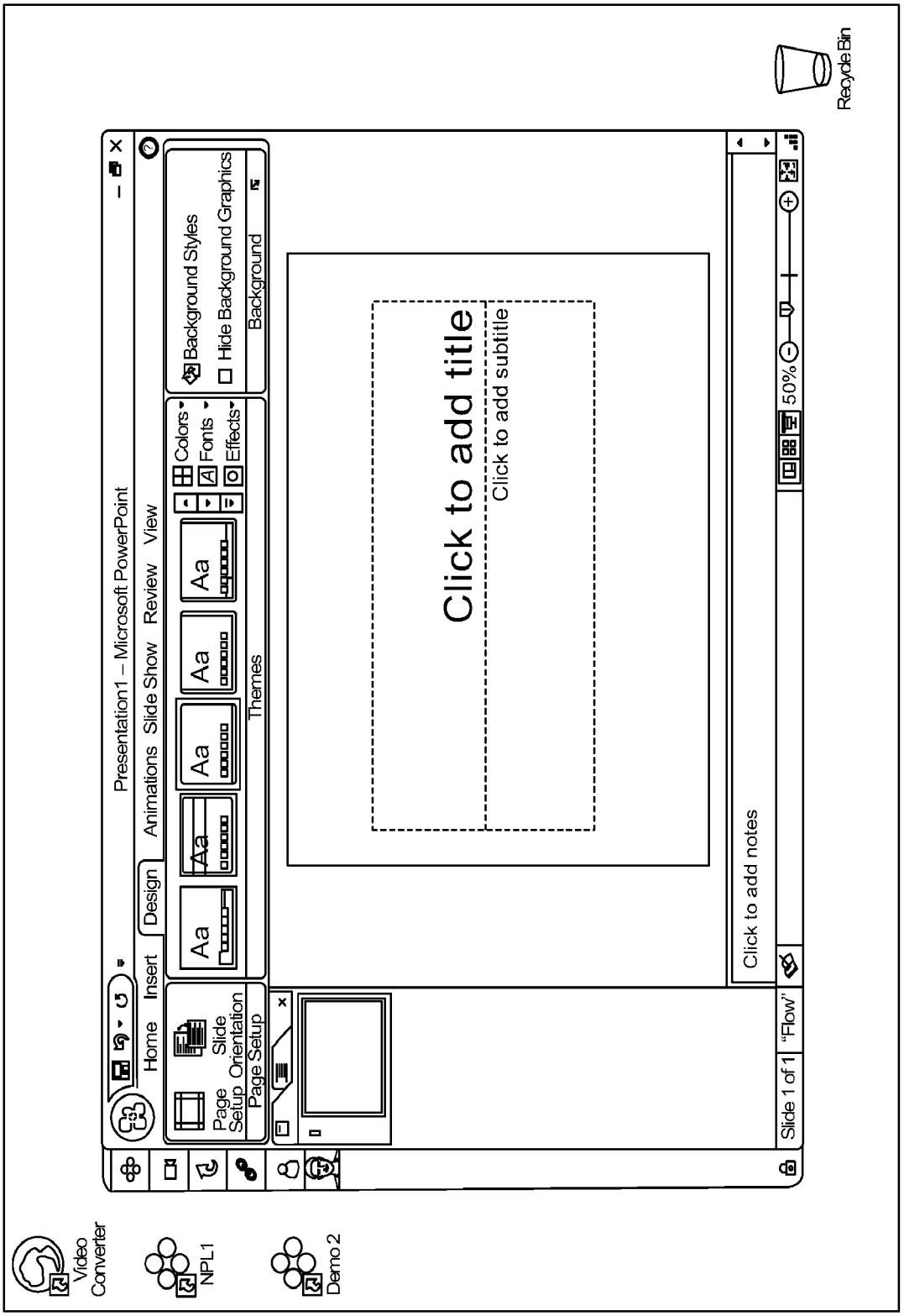

Video Converter
NPL1
Demo 2
Recycle Bin
Presentation1 – Microsoft PowerPoint
Home
Insert
Design
Animations
Slide Show
Review
View
Page Setup
Slide Orientation
Page Setup
Themes
Colors
Fonts
Effects
Background Styles
Hide Background Graphics
Background
Click to add title
Click to add subtitle
Click to add notes
Slide 1 of 1
"Flow"
50%

FIG. 11

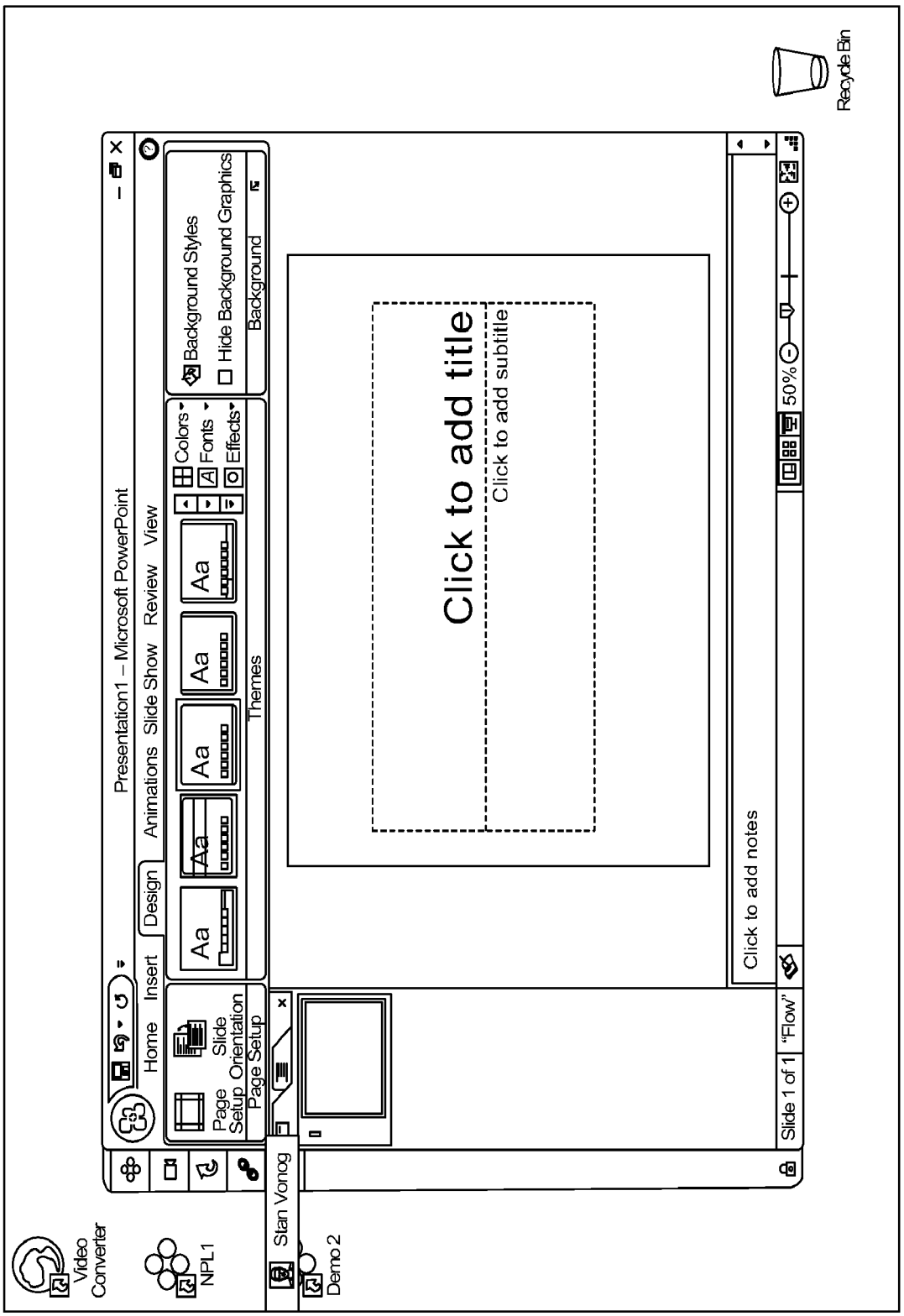

Recycle Bin
Video Converter
NPL1
Stan Vonog
Demo 2
Presentation1 – Microsoft PowerPoint
Home
Insert
Design
Animations
Slide Show
Review
View
Page Setup
Slide Orientation
Page Setup
Themes
Colors
Fonts
Effects
Background Styles
Hide Background Graphics
Background
Click to add title
Click to add subtitle
Click to add notes
Slide 1 of 1
"Flow"
50%

FIG. 12

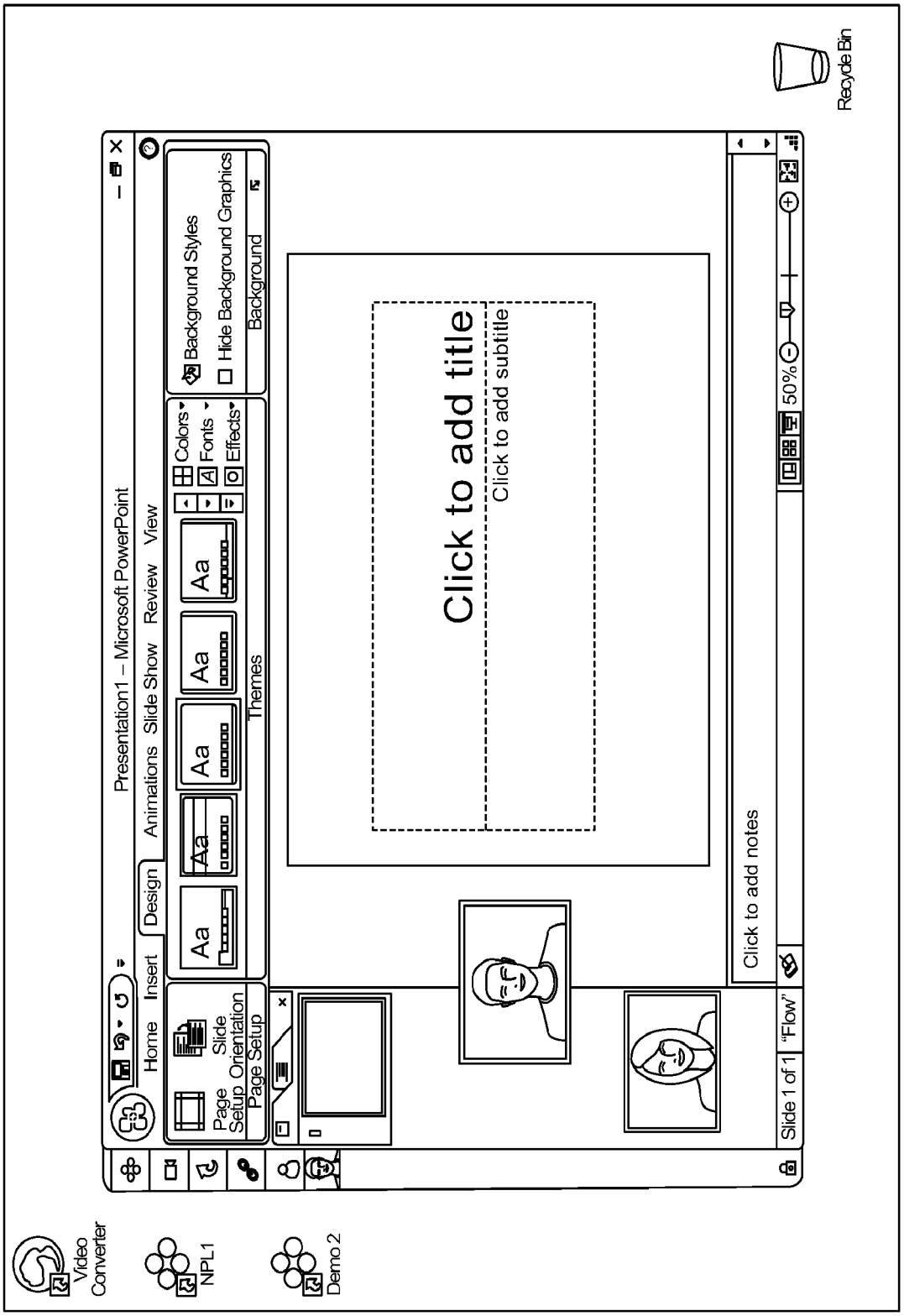

Video Converter
NPL1
Demo 2
Presentation1 – Microsoft PowerPoint
Home
Insert
Design
Animations
Slide Show
Review
View
Page Setup
Slide Orientation
Themes
Background Styles
Hide Background Graphics
Colors
Fonts
Effects
Background
Click to add title
Click to add subtitle
Click to add notes
Slide 1 of 1
"Flow"
50%
Recycle Bin

FIG. 13

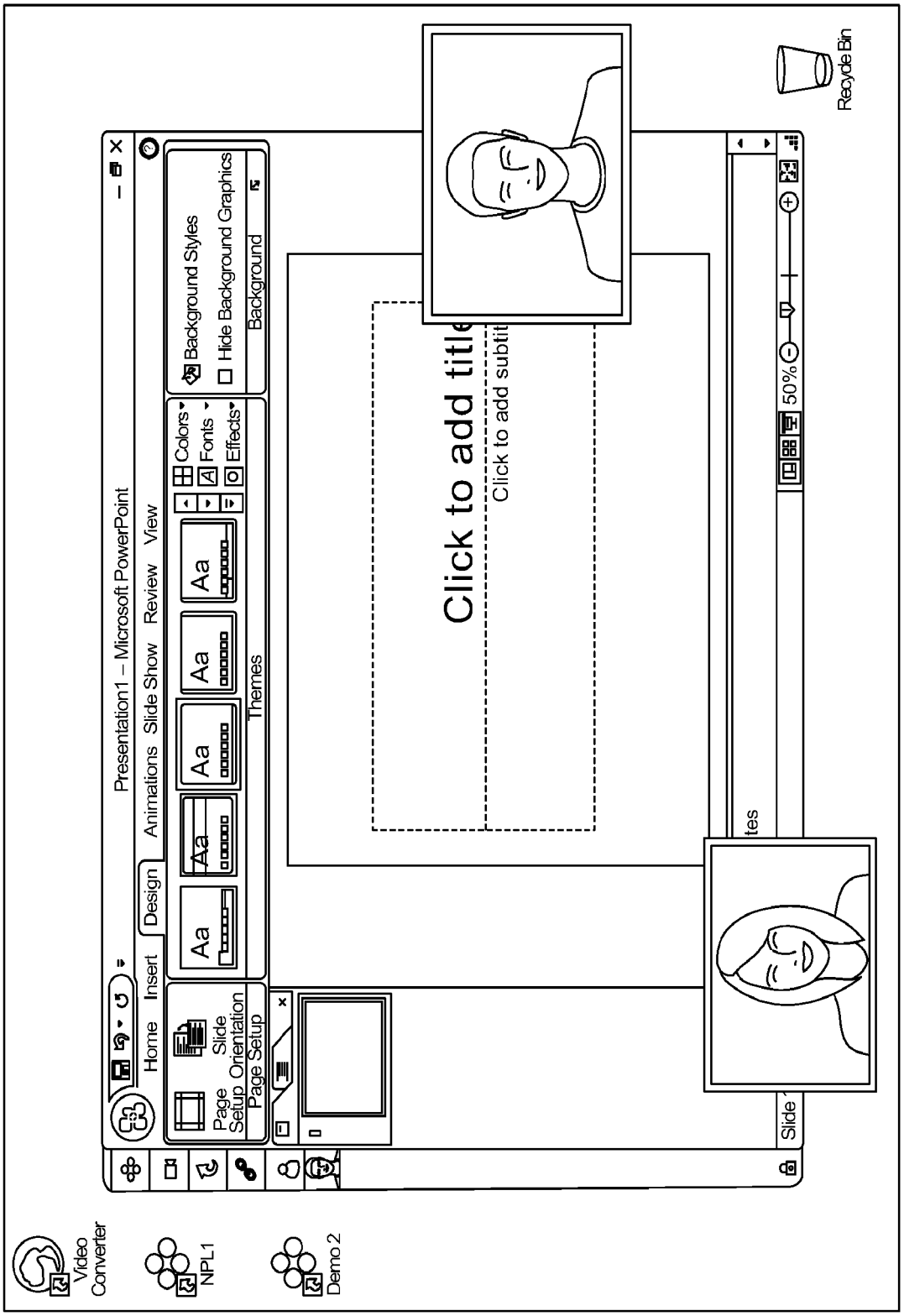

Video Converter
NPL1
Demo 2
Presentation1 – Microsoft PowerPoint
Home
Insert
Design
Animations
Slide Show
Review
View
Page Setup
Slide Orientation
Themes
Background Styles
Hide Background Graphics
Background
Colors
Fonts
Effects
Click to add title
Click to add subtitle
50%
Recycle Bin

FIG. 14

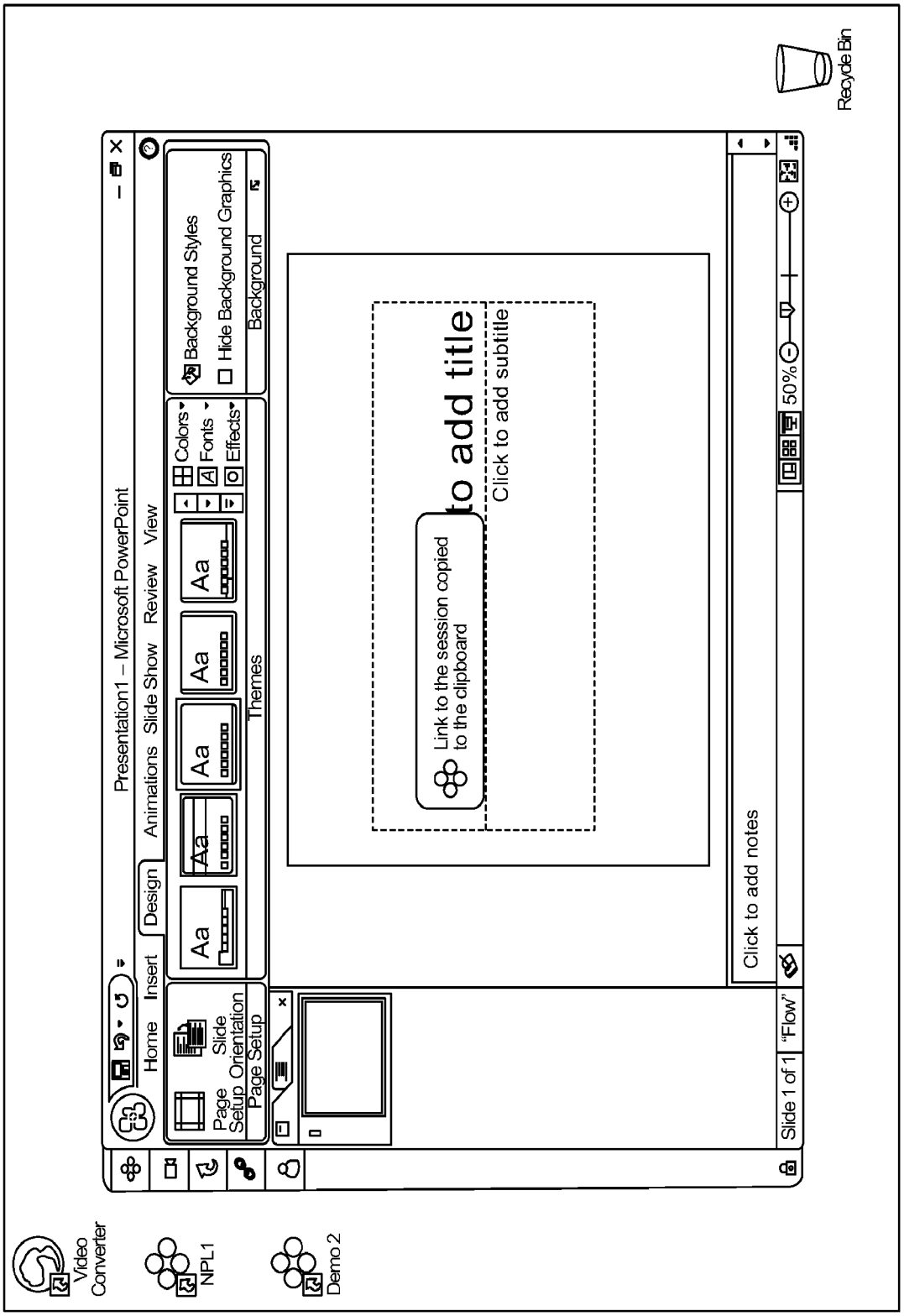

Video Converter
NPL1
Demo 2
Presentation1 – Microsoft PowerPoint
Home
Insert
Design
Animations
Slide Show
Review
View
Page Setup
Slide Orientation
Themes
Colors
Fonts
Effects
Background Styles
Hide Background Graphics
Background
Link to the session copied to the clipboard
to add title
Click to add subtitle
Click to add notes
Slide 1 of 1
"Flow"
50%
Recycle Bin

FIG. 15

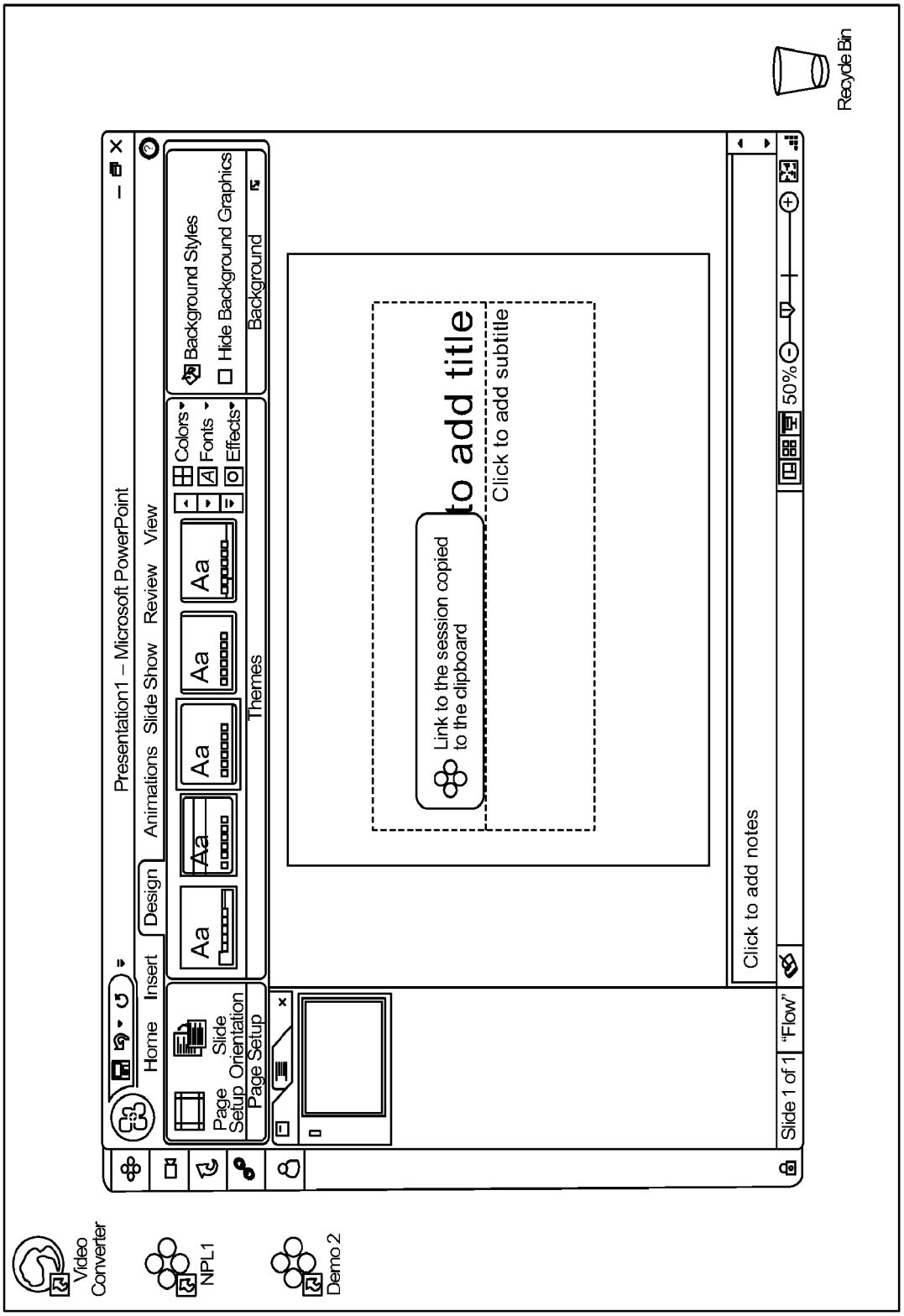

Video Converter
NPL1
Demo 2
Recycle Bin
Presentation1 – Microsoft PowerPoint
Home
Insert
Design
Animations
Slide Show
Review
View
Page Setup
Slide Orientation
Page Setup
Themes
Colors
Fonts
Effects
Background Styles
Hide Background Graphics
Background
Link to the session copied to the clipboard
to add title
Click to add subtitle
Click to add notes
Slide 1 of 1
"Flow"
50%

FIG. 16

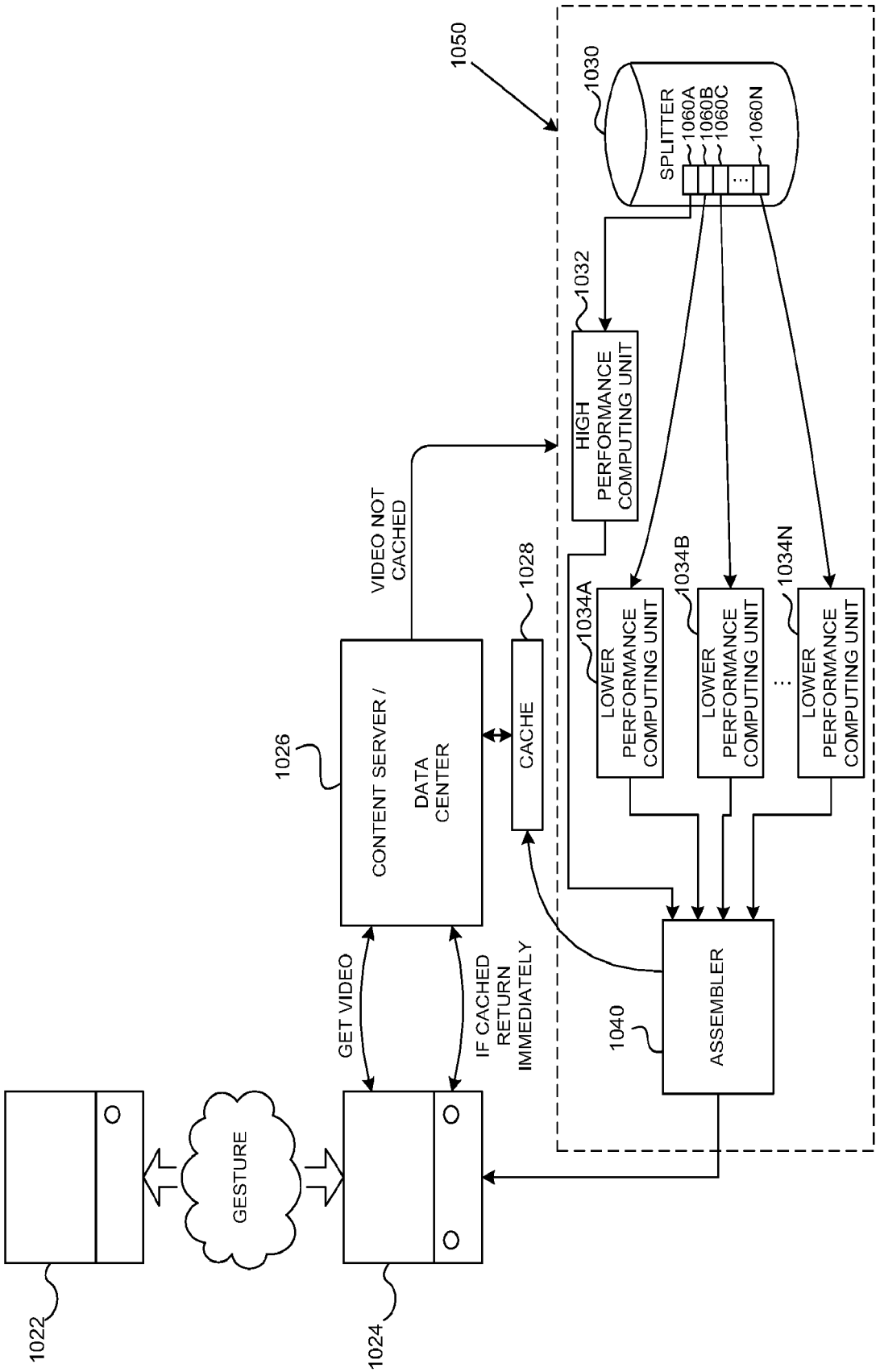

1050
1030
SPLITTER
1060A
1060B
1060C
1060N
1032
HIGH PERFORMANCE COMPUTING UNIT
VIDEO NOT CACHED
1028
1034A
1034B
1034N
LOWER PERFORMANCE COMPUTING UNIT
LOWER PERFORMANCE COMPUTING UNIT
LOWER PERFORMANCE COMPUTING UNIT
1026
CONTENT SERVER / DATA CENTER
CACHE
GET VIDEO
IF CACHED RETURN IMMEDIATELY
1040
ASSEMBLER
GESTURE
1022
1024

FIG. 17

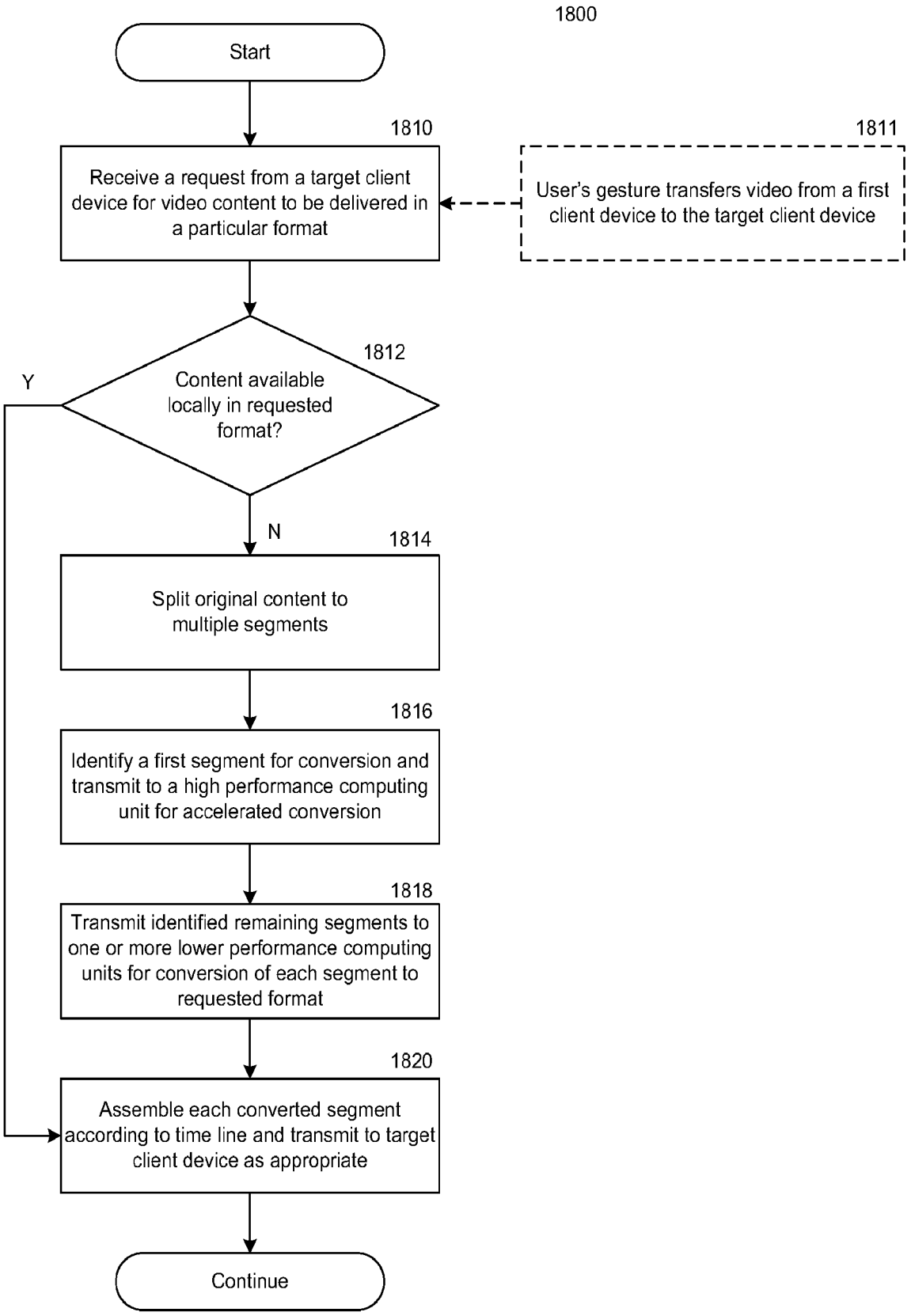

1800
Start
1810
Receive a request from a target client device for video content to be delivered in a particular format
1811
User's gesture transfers video from a first client device to the target client device
1812
Content available locally in requested format?
Y
N
1814
Split original content to multiple segments
1816
Identify a first segment for conversion and transmit to a high performance computing unit for accelerated conversion
1818
Transmit identified remaining segments to one or more lower performance computing units for conversion of each segment to requested format
1820
Assemble each converted segment according to time line and transmit to target client device as appropriate
Continue

FIG. 18

Tasks

Name	Activator	Command	State	Slave	ID	Age	Active
Merger	xdLAQodf	Python Code	Running	powerslave	308	00:00:10	00:00:10
Encoder #0	-	Python Code	Finished	-	-	00:00:09	00:00:08
Encoder #1	xdLAQodf	Python Code	Running	i-ble946da	205	00:00:09	00:00:09
Encoder #2	xdLAQodf	Python Code	Running	i-b7e946dc	204	00:00:09	00:00:09
Encoder #3	xdLAQodf	Python Code	Running	i-b7e946dc	205	00:00:09	00:00:09
Encoder #4	xdLAQodf	Python Code	Running	i-b7e946dc	206	00:00:09	00:00:09
Encoder #5	xdLAQodf	Python Code	Running	i-b7e946dc	207	00:00:09	00:00:09
Encoder #6	-	Python Code	Finished	-	-	00:00:09	00:00:09
Encoder #7	xdLAQodf	Python Code	Running	i-b1e946da	206	00:00:09	00:00:09
Encoder #8	xdLAQodf	Python Code	Running	i-b1e946da	207	00:00:09	00:00:09
Encoder #9	xdLAQodf	Python Code	Running	powerslave	310	00:00:09	00:00:09
Encoder #10	xdLAQodf	Python Code	Running	powerslave	311	00:00:09	00:00:09
Encoder #11	-	Python Code	Finished	-	-	00:00:09	00:00:04

Activators

Name	Connected
xdLAQodf	Yes

Slaves

Name	Ready	Load	Capacity
i-b1e946da	Yes	3	4
powerslave	Yes	3	5
i-b7e946dc	No	4	4

FIG. 19

SUBSTITUTE SHEET (RULE 26)

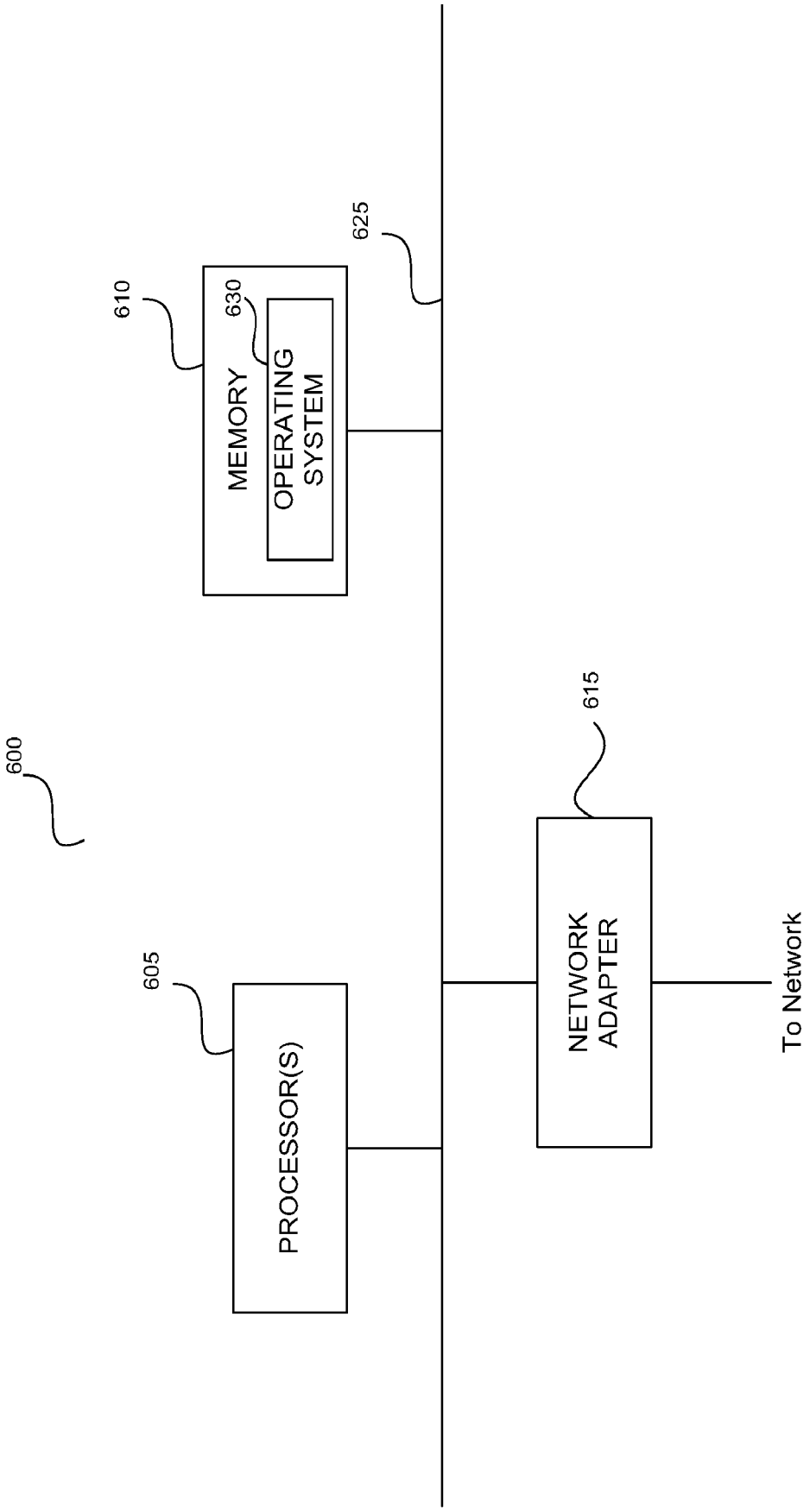

600
605
PROCESSOR(S)
610
MEMORY
630
OPERATING SYSTEM
625
615
NETWORK ADAPTER
To Network

FIG. 20