Techno-Science Design & Engineering

Request For Grant Of Patent

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Copyright © 2016 Techno-Science Design & Engineering, All rights reserve

Copying, reproduction, modification, distribution, display or transmission of any of the contents of this patent submission for any purpose without the prior written consent of Techno-Science Design & Engineering is strictly prohibited.



Description

A systematic approach leading to the decision to use or to purchase high technology components, devices, equipment or systems.

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 1

A systematic approach leading to the purchase and use of high technology components, devices, equipment or systems has been proposed which included Claim 1, the Pre-Conception Map which consisted of the factors affecting the choice of high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems namely,

a. Local governmental regulations
b. Technology (including environmental friendliness via the use of green technology)
c. Cost
d. Country of manufacturer
e. Warranty

And the listing of the local governmental regulation website, as well as the use of the Federal Communications Commission (FCC), the United States' governing body for the electromagnetic spectrum and their safety regulations on the level of radiation emissions, as the technology regulator.

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

DRAWING 1 - PRE-CONCEPTION MAP

What are the factors affecting the choice of high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems.

a. Local governmental regulations
b. Technology
c. Cost
d. Country of manufacturer
e. Warranty

Singapore governmental regulations	**Technology**
Via https://eservice.ida.gov.sg/tls/login.action	a. Is it regulated by the FCC ? The Federal Communications Commission (FCC) is the United States' governing body for the electromagnetic spectrum and their safety regulations on the level of radiation emissions. The FCC is directed by five commissioners appointed by the President of the United States and confirmed by the United States Senate for five-year term. b. Does it promote a green environment ?

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

A systematic approach leading to the decision to use or to purchase the high technology components, devices, equipment or systems has been proposed.

The decision to purchase high technology components, devices, equipment or systems (Drawing 3) such as a wireless router (Drawing 2) is dependent upon the approval by FCC (Federal Communications Commission) and local governmental regulations such as the regulations that have been stipulated by IDA (Infocomm Development authority Of Singapore). Once the high technology components, devices, equipment or systems have been approved by FCC with usage regulated by the local governmental regulations, other factors such as the country of manufacture, cost competitiveness and duration of product warranty should also be considered.

The decision to purchase high technology components, devices, equipment or systems such as a wireless router is not a one time decision and constant review of the decision against the latest technological advancement and trends would be necessary.

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

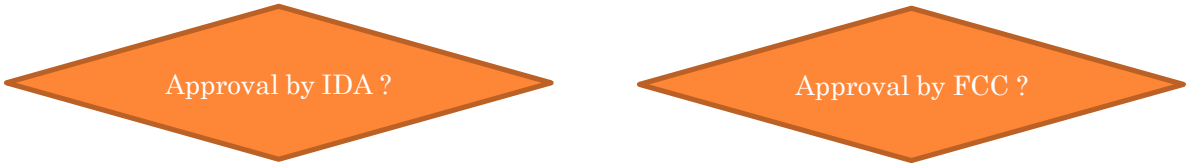
Claim 2

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following:

a. The Process – The purchase of high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems such as the wireless router.



b. The Approval - Approval by IDA, Approval by FCC.

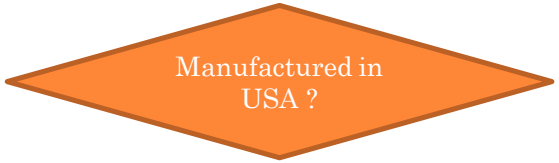


Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following considerations:

c. The location of manufacture – The location where the high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems such as the wireless router had been manufactured.



d. The cost competitiveness - The cost competitiveness of the high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems such as the wireless router.



Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following considerations:

e. The warranty – The manufacturer's warranty for the high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems, such as the wireless router.



Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following concluding processes:

f. The high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems such as the wireless router could not be used in Singapore because it was not approved by the Infocomm Authority Of Singapore (IDA).

Wireless router cannot be used in Singapore if it was not approved by IDA.

Wireless/microwave/radio frequency (RF) components, devices, equipment or systems cannot be used in Singapore if they were not approved by IDA.

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following concluding processes:

g. The high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems such as the wireless router could not be used in USA because it had not been approved by FCC (Federal Communications Commission). There is a need to follow the technological trend more closely.

1. Device cannot be used in USA.
2. There is a need to follow the technological trend more closely,

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following concluding processes :

h. In the event that the country of manufacture for the high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems such as the wireless router is not USA or not mention at all, even though the high technology wireless/microwave/radio frequency (RF) components, devices, equipment or systems such as the wireless router could be used internationally upon FCC approval, subjected to local governmental regulations, there would still be a need to follow the technological advancement and technological trends more closely.

1. Can be used internationally upon FCC approval but subjected to local governmental regulations.
2. There is a need to follow the technological trend more closely.

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following concluding processes:

i. In the event that the high technology wireless / microwave / radio frequency (RF) components, devices, equipment or systems such as the wireless router is not cost competitive, budgeting and cost review of the decision to purchase would be necessary. Even though the high technology wireless / microwave / radio frequency (RF) components, devices, equipment or systems such as the wireless router could be used internationally upon FCC approval, subjected to local governmental regulations, there would still be a need to follow the technological advancement and trend more closely.

1. Can be used internationally upon FCC approval but subjected to local governmental regulations.
2. Budgeting or cost review would be necessary.
3. There is a need to follow the technological trend more closely.

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following concluding processes:

j. In the event that the high technology wireless / microwave / radio frequency (RF) components, devices, equipment or systems such as the wireless router has no warranty or a warranty period that is less than one year, even though the high technology wireless / microwave / radio frequency (RF) components, devices, equipment or systems such as the wireless router could be used internationally upon FCC approval, subjected to local governmental regulations, there would still be a need to follow the technological advancement and trend more closely.

1. Can be used internationally upon FCC approval but subjected to local governmental regulations.
2. Poor quality.
3. There is a need to follow the technological trend more closely,

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Claim 2

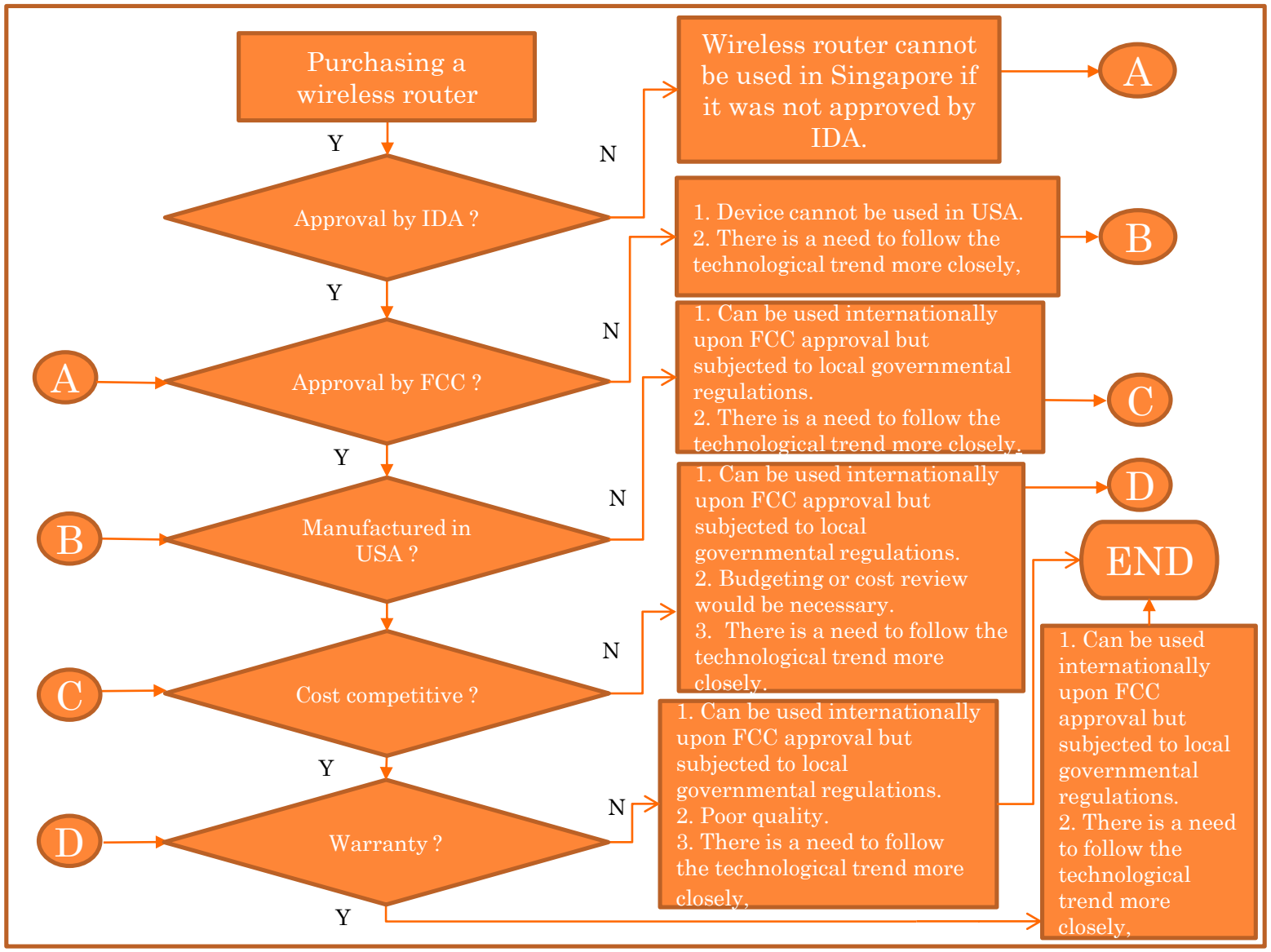
A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 2, the Flow Chart which consisted of the following concluding processes:

k. In the event that the high technology wireless / microwave / radio frequency (RF) components, devices, equipment or systems such as the wireless router is covered by a warranty period of one year or more, even though the high technology wireless / microwave / radio frequency (RF) components, devices, equipment or systems such as the wireless router could be used internationally upon FCC approval, subjected to local governmental regulations, there would still be a need to follow the technological advancement and trend more closely.

1. Can be used internationally upon FCC approval but subjected to local governmental regulations.
2. There is a need to follow the technological trend more closely,

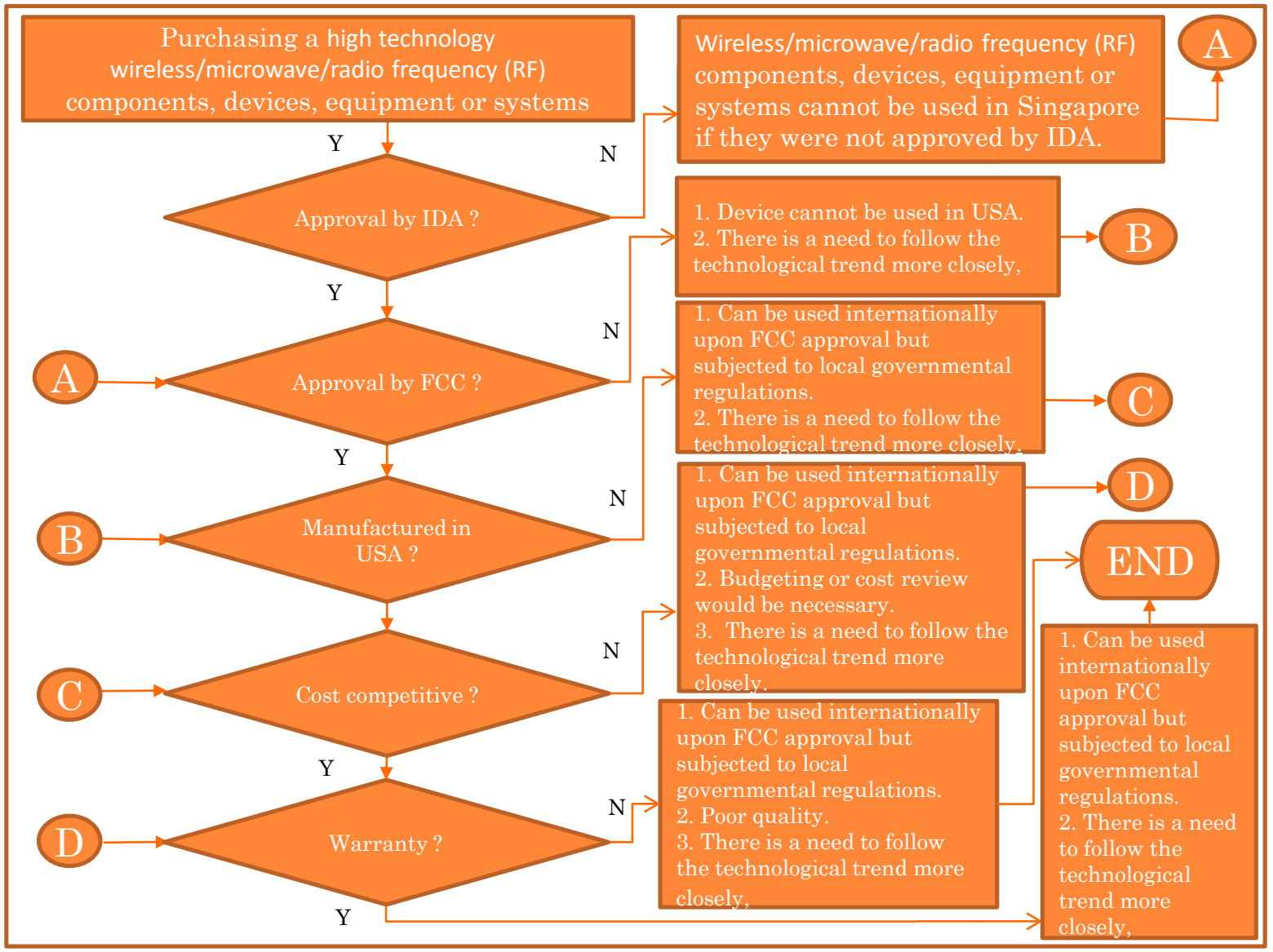
Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Drawing 2 - Flow Chart



Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Drawing 3 - Flow Chart



Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

CLAIM 3

A systematic approach leading to the purchase and use of high technology component, devices, equipment or systems has been proposed which included Claim 3, the Check List (Diagram 4).

The systematic approach leading to the decision to use or to purchase high technology components, devices, equipment or systems concludes at the Check List which lists down and affirms all the considerations that are necessary for the use or purchase of an optimum high technology wireless / microwave / radio frequency (RF) components, devices, equipment or systems such as the wireless router.

The considerations are governmental regulations, technology (including environmental friendliness via the use of green technology), cost, country of manufacturer and warranty.

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Diagram 4 – Check List

The Optimum high technology wireless / microwave / radio frequency (RF) components, devices, equipment or systems such as the wireless router

Criteria	Yes	No
Governmental regulations	✓	
Technology (including environmental friendliness via the use of green technology)	✓	
Cost	✓	
Country of manufacturer	✓	
Warranty	✓	

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

Additional Claims

Claim 4 : Claim 1, Claim 2 and Claim 3 could be presented in a form of a software program.

Claim 5 : Claim 1, Claim 2 and Claim 3 could be presented on the internet.

Claim 6 : Claim 1, Claim 2 and Claim 3 could be presented in books and magazine.

Claim 7 : Claim 1, Claim 2 and Claim 3 could be presented in a form of charts.

Claim 8 : Claim 1, Claim 2 and Claim 3 could be presented in a form of media advertisement.

Claim 9 : Claim 1, Claim 2 and Claim 3 could be presented in a form of presentation slides.

Claim 10 : Claim 1, Claim 2 and Claim 3 could be presented in a form of speech.

Copyright © 2016 Techno-Science Design & Engineering, All rights reserved

The End

