4) Should we provide a way to tell user whether the default adapter was removed. (Arthur)

BluetoothAdapterEvent [1] would carry additional boolean isDefault to indicate whether the added/removed adapter is default adapter. See onadapteradded/onadapterremoved [2] for respective parameters.


26) We should find a way to avoid to put address as a parameter of setPassKey. It's easy to make mistake for web developer since the address is just a DOMString. (Gene)


5) How about we design one unified API to replace BluetoothManager.onadapteradded and BluetoothManager.onadapterremoved ? (Gene)

We want the event handlers' names be clear to know their purpose. Two distinct onadapteradded and onadapterremoved are clearer than single onadapterchanged.

6) How to get adapters ? "reaonly attribute" or "function call" ?

If we make adapters as readonly attribute, to be consistent as BluetoothAdapter and BluetoothDevice, an onattributechanged event handler should exist to carry the new update adapter array. However we think application only care about the added/removed adapter instead of whole new array that needs manual comparison.

11) Should we put 'discovering' and 'discoverable' into BluetoothAdapterState ? (Gene)
29) Does adapter need more state, such as 'pairing', 'connecting' and 'connected' ? (Arthur)

We expect the states of BluetoothAdapterState are mutual exclusive, however 'discovering', 'discoverable', 'pairing', 'connecting', and 'connected' states are not as they all cover the 'enabled' state. For 'discovering' and 'discoverable', 4 additional states are required for their combination. Also for 'pairing', 'connecting', and 'connected' states we cannot ensure correct state transition for incoming pairing/connection. Therefore we keep them as attributes.

13) Should we rebind handlers for adapter after it's been disabled ? (Evelyn)

YES. To be consistent with attributes, the event handlers should also be reset as default value (nullptr). Application should rebind all handlers after adapter is re-enabled.
15) When the adapter state is 'enabled', does it means we could get a correct address at that time? (Arthur)

YES. To be consistent to that all attributes are reset to default values before state becomes 'disabled', we decide to ensure that all attributes are available after state becomes 'enabled.'

20) If we put devicefound listener into req of startDiscovery(), we have to hold that req object in some place for unregister purpose. (Evelyn)

21) When does DOM req end? When the onsuccess is fired or when it exits its live cycle? (Eric)

YES, gaia has to hold the reference to the DOM request. The DOM request exists until both gaia and gecko release references to it. So as long as gaia and gecko holds the DOM request's references, gaia can always receive the ondevicefound event fired by gecko.

Can application start discovery while adapter is discovering?

No. It gets onerror. Applications have to stop current discovery first.