UCSI ENGINEERING CHANGE NOTICE FORM

Title: Adding Clarification For Connect Change
Applied to: UCSI Specification Version 2.0 Revision 1

Brief description of the functional changes:

Clarifying when the "Connect Change" bit of the "Connector Status Change" field of the "Get Connector Status" command should be set.

Also removing the redundant statement for the (Power) Operation Mode field.

Benefits as a result of the changes:

To avoid ambiguity that may lead to incorrect implementation of the "Connect Change" bit.

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:

Existing systems that have implemented the "Connect Change" bit correctly won't be impacted.

An analysis of the hardware implications:

No hardware changes required if the "Connect Change" bit is already implemented correctly in LPM/PPM.

An analysis of the software implications:

No software changes required if the "Connect Change" bit is implemented correctly in OPM.

An analysis of the compliance testing implications:

n/a

UCSI ENGINEERING CHANGE NOTICE FORM

Actual Change

(a). Section 4.5.17, Page 60, Table 4-44: Connector Status Change Field Description

From Text:

14	**Connect Change**
	When set to 1b, the Connect Status field in the STATUS Data Structure shall indicate whether a device is attached to the connector. In addition the Operation Mode field in the STATUS Data Structure shall indicate the current operational mode of the connector.

To Text:

14	**Connect Change**
	This bit shall be set to 1b when the Connect Status field in the GET_CONNECTOR_STATUS Data Structure changes.
	When this bit is set to 1b, the Connect Status field ~~in the STATUS Data Structure~~ shall indicate whether a device is attached to the connector. ~~In addition the Operation Mode field in the STATUS Data Structure shall indicate the current operation mode of the connector.~~