

Request #: **HUTRR101**
Title: Emoji Picker
Spec Release: 1.22
Requester: Dmitry Torokhov
Company: Google Inc.

Pages Affected: Consumer (0x0C)
Values checked: Matthew Williams (Chair)

Current Status: **Approved**
Priority: Normal

Required Voter: Microsoft
Required Voter: Logitech
Required Voter: Apple

Voting Begins: 22nd March 2021
Voting Ends: 29th March 2021
Voting Result: 7-0

Summary:

Add a new Usage to the Consumer Page (0x0C) to support invoking/dismissing an emoji picker widget.

Scenario:

User activates a dedicated button (e.g. on a keyboard) to launch an emoji picker widget. The widget may allow the user to search and insert emojis into the text being composed.

Note: Defined as a OOC in this proposal so activating the control acts as a toggle. This allows the system to invoke/dismiss the widget using other means (e.g. through a GUI) without concern for maintaining device state.

Proposal:

Add/modify to Table 15.1: Consumer Page

| | |
|--------------|-----------------------------|
| Usage ID: | 0xD9 |
| Usage Name: | Invoke/Dismiss Emoji Picker |
| Usage Types: | OOC |
| Usage ID: | 0xDA-DF |
| Usage Name: | Reserved |

Add following text in section 15.3 General Controls

| | |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Usage Name: | Invoke/Dismiss Emoji Picker |
| Usage Type: | OOC |
| Description: | Invokes or dismisses the emoji picker widget. If the widget is not active, it will be invoked. If the widget is active, it will be dismissed. |

Sample Descriptor:

```
0x05, 0x0C, // UsagePage(Consumer[12])
0x09, 0x01, // UsageId(Consumer Control[1])
0xA1, 0x01, // Collection(Application)
0x85, 0x01, // ReportId(1)
0x09, 0xD9, // UsageId(Invoke/Dismiss Emoji Picker [217])
0x25, 0x01, // LogicalMaximum(1)
0x95, 0x01, // ReportCount(1)
0x75, 0x01, // ReportSize(1)
0x81, 0x06, // Input(Data, Variable, Relative, NoWrap, Linear, PreferredState,
NoNullPosition, BitField)
0x75, 0x07, // ReportSize(7)
0x81, 0x03, // Input(Constant, Variable, Absolute, NoWrap, Linear,
PreferredState, NoNullPosition, BitField)
0xC0, // EndCollection()
```