Chapter 92: Battery Status API

Section 92.1: Battery Events

```javascript
// Get the battery API
navigator.getBattery().then(function(battery) {
    battery.addEventListener('chargingchange', function(){
        console.log( 'New charging state: ', battery.charging );
    });

    battery.addEventListener('levelchange', function(){
        console.log( 'New battery level: ', battery.level * 100 + "%" );
    });

    battery.addEventListener('chargingtimechange', function(){
        console.log( 'New time left until full: ', battery.chargingTime, " seconds" );
    });

    battery.addEventListener('dischargingtimechange', function(){
        console.log( 'New time left until empty: ', battery.dischargingTime, " seconds" );
    });
});
```

Section 92.2: Getting current battery level

```javascript
// Get the battery API
navigator.getBattery().then(function(battery) {
    // Battery level is between 0 and 1, so we multiply it by 100 to get in percents
    console.log("Battery level: " + battery.level * 100 + "%");
});
```

Section 92.3: Is battery charging?

```javascript
// Get the battery API
navigator.getBattery().then(function(battery) {
    if (battery.charging) {
        console.log("Battery is charging");
    } else {
        console.log("Battery is discharging");
    }
});
```

Section 92.4: Get time left until battery is empty

```javascript
// Get the battery API
navigator.getBattery().then(function(battery) {
    console.log( "Battery will drain in ", battery.dischargingTime, " seconds" );
});
```

Section 92.5: Get time left until battery is fully charged

```javascript
// Get the battery API
navigator.getBattery().then(function(battery) {
    console.log( "Battery will get fully charged in ", battery.chargingTime, " seconds" );
});
```