Blind Passengers Can Imagine View outside Cars with Ford's New Device

Posted June 17, 2018

Category: Technology/Innovations

Unlocking Word Meanings

Read the following words/expressions found in today's article.

- impaired / im'peard / (adj) not functioning well
 Example: The vehicle has a voice-over feature to aid visually impaired passengers.
- 2. **convey** / **kən'ver** / (v) to communicate something Example: The app can **convey** one's message to other users.
- 3. *landscape* / 'lænd skerp / (n) a scenery

 Example: I took a photo of the beautiful *landscape* from my window.
- 4. **monochrome** / 'mon ə kroum / (adj) showing only different shades of gray or black and white *Example*: I can't see what's in the **monochrome** picture.
- 5. *visualize* / 'vɪʒ u əˌlaɪz / (v) to create a mental image of something *Example*: The description helped me *visualize* what the product looks like.

Article

Read the text below.

視覚障害者の乗客(visually: 視覚的 impaire: 損なう、悪くする)

Ford Italy has created a new device that allows visually **impaired** passengers to "feel" the view outside the car window.

~と共同で(collaboration with:~と共同で) 盲目専用に端末を作成する(specifically:専門に、~用に)

革新的な技術を確認した(innovation:革新的な技術)

The innovation called "Feel the View" is Ford's collaboration project with Aedo [ahy-doh]—an Italian startup that creates devices specifically for the blind. According to a Ford Italy representative, the company saw this innovation as a great way to let visually impaired passengers experience the wonders of riding a vehicle. He also pointed out that the innovation aims to turn everyday journeys into unforgettable ones.

乗り物に乗っている驚きを体験させる(wonder:驚愕、驚き) 指摘した(point out:指摘する) この技術の目的は日常を忘れられない日常に変える事を目的としている(unforgettable:忘れられない、いつまでも記憶に残る everyday journey:日常

The device integrates a camera attached to a car window and an image recognition system with a voice-over feature. This system verbally **conveys** information on the **landscape** outside the vehicle, such as a mountain or an ocean.

この機器はカメラを統合しており、車の窓に取り付けている(intergrate : 統合) それと、ナレーター機能が付随している画像認識システム(voice-over : ナレーター機器) このシステムは口頭で情報を伝える(verbally : 口頭で convey : 伝える、運ぶ) 山や、海の様な窓の外の見晴らし(landscape : 見晴らし、景色、風景)

その乗客が窓を触るときはいつでも この特徴は彼らに描を思い描く事を可能にする(visualize:

On a similar note, Toyota also developed a device that aids blind people. Project BLAID is a device worn on the user's shoulder. It contains cameras that can detect doors, escalators, and stairs. Users can also rely on the device's speakers for any information about the surrounding environment. They can also interact with the device using its voice recognition features and buttons.

囲まれている環境 彼らはそのデバイスと関わりあう事が可能(interact with:相互作用する、関わり合う)

Viewpoint Discussion

Enjoy a discussion with your tutor.

Discussion A

• Between the innovations of Ford and Toyota, which one do you think is more helpful for the blind? Discuss.

• Do you think other car companies should also create devices for the blind? Explain.	
Discussion B	
• Should your country invest more in technology that assists people with disabilities? Why or why not?	
• Do you think that having the right technology is enough to help people with disabilities cope with everyday life? Why or why not?	
Category : Technology/Innovations	
$z\sigma$	ページを印刷
	2 2.7 773