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# United States Patent [19]

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**Deguchi et al.**

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[54] **IMAGE-READING DEVICE**

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[57] **ABSTRACT**

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[30] **Foreign Application Priority Data**

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An image-reading device is provided with a case having an empty section, a scanner for scanning an original so as to output image data derived from the original by reciprocally moving inside the empty section, a transparent reading-use window that faces the reading region of the original with respect to the scanner, and a transparent confirming-use window that is formed in the case so as to face the reading-use window, with the empty section located in between. This device enables visual confirmation of the original through the reading-use window, the empty section and the confirming-use window. Therefore, the device allows the operator to confirm a positional relationship between the reading-use window that forms the image-reading surface for the scanner and the original to be read through visual observation, readily as well as accurately. Thus, the device makes it possible to readily output the image data accurately.

[51] **Int. Cl.<sup>6</sup>** ..... H04N 1/04

[52] **U.S. Cl.** ..... 382/313; 382/315; 358/473; 358/452

[58] **Field of Search** ..... 358/452, 447, 358/448, 453, 473, 474, 400; 382/313, 321, 315; 250/208.1; H04N 1/04

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**12 Claims, 9 Drawing Sheets**

