(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) **EP 4 173 755 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 72

(48) Corrigendum issued on:
28.06.2023 Bulletin 2023/26

(43) Date of publication:
03.05.2023 Bulletin 2023/18

(21) Application number: **21834051.1**

(22) Date of filing: **10.05.2021**

(51) International Patent Classification (IPC):
B25F 5/00 *(2006.01)* ***G01B 11/00*** *(2006.01)*
G05B 19/418 *(2006.01)*

(52) Cooperative Patent Classification (CPC):
B25F 5/00; G01B 11/00; G05B 19/418

(86) International application number:
PCT/JP2021/017717

(87) International publication number:
WO 2022/004132 (06.01.2022 Gazette 2022/01)

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME
Designated Validation States:
KH MA MD TN

(30) Priority: **30.06.2020 JP 2020113578**

(71) Applicant: **Panasonic Intellectual Property Management Co., Ltd.**
Osaka-shi, Osaka 540-6207 (JP)

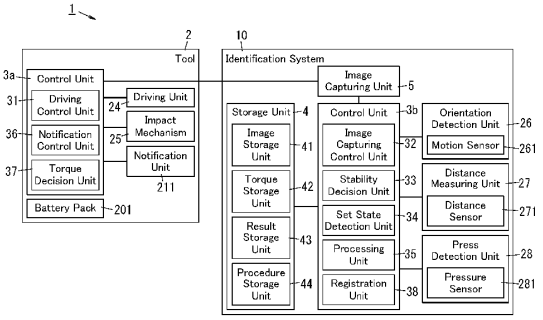
(72) Inventors:
- **YAMANAKA, Mutsuhiro**
Osaka-shi, Osaka 540-6207 (JP)
- **NII, Takayuki**
Osaka-shi, Osaka 540-6207 (JP)
- **UEDA, Shinsuke**
Osaka-shi, Osaka 540-6207 (JP)
- **KAJIYAMA, Satoshi**
Osaka-shi, Osaka 540-6207 (JP)
- **SASAKI, Ryosuke**
Osaka-shi, Osaka 540-6207 (JP)
- **KURITA, Masanori**
Osaka-shi, Osaka 540-6207 (JP)

(74) Representative: **Müller-Boré & Partner Patentanwälte PartG mbB**
Friedenheimer Brücke 21
80639 München (DE)

(54) TOOL SYSTEM, TOOL, WORK TARGET IDENTIFICATION SYSTEM, WORK TARGET IDENTIFICATION METHOD, AND PROGRAM

(57) The problem to be overcome by the present disclosure is to cut down power consumption. A tool system (1) includes a tool (2), an image capturing unit (5), a processing unit (35), and a set state detection unit (34). The tool (2) is a portable tool (2) including a driving unit (24) to be activated with power supplied from a power source. The image capturing unit (5) is provided for the tool (2) and generates a captured image. The processing unit (35) intermittently performs identification processing of identifying a work target based on the captured image. The set state detection unit (34) detects a state where the tool (2) is set in place on the work target.

FIG. 1



EP 4 173 755 A8