



US 20240237264A1

(19) **United States**

(12) **Patent Application Publication**
Shurhay

(10) **Pub. No.: US 2024/0237264 A1**

(43) **Pub. Date: Jul. 11, 2024**

(54) **TRANSPORT CASTER ASSEMBLY FOR A
DATA CENTER CABINET**

(52) **U.S. Cl.**

CPC **H05K 7/18** (2013.01); **B60B 33/0005**
(2013.01); **B60B 33/066** (2013.01)

(71) Applicant: **Panduit Corp.**, Tinley Park, IL (US)

(72) Inventor: **Mark Shurhay**, Western Springs, IL
(US)

(57)

ABSTRACT

(73) Assignee: **Panduit Corp.**, Tinley Park, IL (US)

(21) Appl. No.: **18/613,253**

(22) Filed: **Mar. 22, 2024**

Related U.S. Application Data

(62) Division of application No. 17/305,083, filed on Jun.
30, 2021, now Pat. No. 11,968,798.

Publication Classification

(51) **Int. Cl.**

H05K 7/18 (2006.01)
B60B 33/00 (2006.01)
B60B 33/06 (2006.01)

A removable transport caster assembly secured to side to side beams or front to back beams in a data center cabinet in a data center. The removable transport caster assembly is temporarily installed on the cabinet to enable the cabinet to be relocated to another location in the data center. The removable transport caster assembly includes a transport caster and a transport caster bracket secured to the transport caster. The transport caster has a mounting plate, a mounting bracket extending from the mounting plate, a lifting plate pivotally connected to the mounting plate, a lifting lever pivotally connected to the mounting bracket and a wheel assembly. The transport caster bracket secures the transport caster to the cabinet when relocation of the cabinet is desired.

