

US 20050087033A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2005/0087033 A1**
Chi (43) **Pub. Date: Apr. 28, 2005**

(54) **GEARSHIFT MECHANISM FOR ELECTROMOTIVE TOY CAR**

(52) **U.S. Cl. 74/473.33**

(76) **Inventor: Li-Wen Chi, ShiChi City (TW)**

(57) **ABSTRACT**

Correspondence Address:
DENNISON, SCHULTZ & DOUGHERTY
612 Crystal Square 4
1745 Jefferson Davis Highway
Arlington, VA 22202-3417 (US)

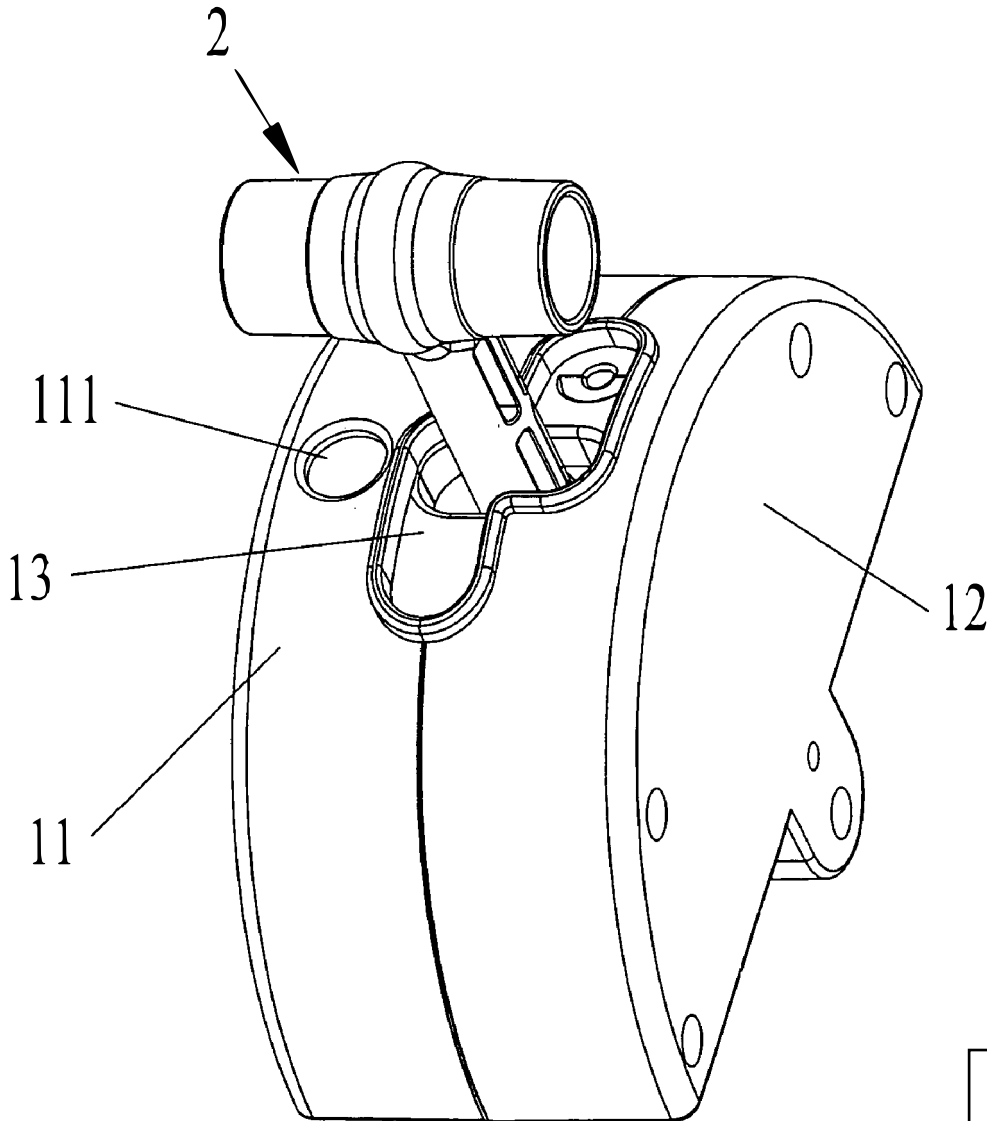
Disclosed is a gearshift mechanism for electromotive toy car is provided in a space defined by a left cover and a right cover, including a gearshift lever, a slide plate, an opening shield plate, an opening shield securing plate, a switch plate, pushbuttons, a switch plate affixing shaft, and a gearshift lever pivotal pin, using the gearshift lever to drive the switch plate to push a pushbutton for actuating a motor, and a pedal throttle to activate a power switch for halting, driving slow advancement, fast advancement or slow reversing of the electromotive toy car, so as to meet children's desires to imitate adults' driving maneuvering through realistic activities.

(21) **Appl. No.: 10/693,898**

(22) **Filed: Oct. 28, 2003**

Publication Classification

(51) **Int. Cl.⁷ B60K 20/00**



Dynacraft BSC, Inc.
Exhibit 1004
Dynacraft v. Mattel
IPR2018-00040

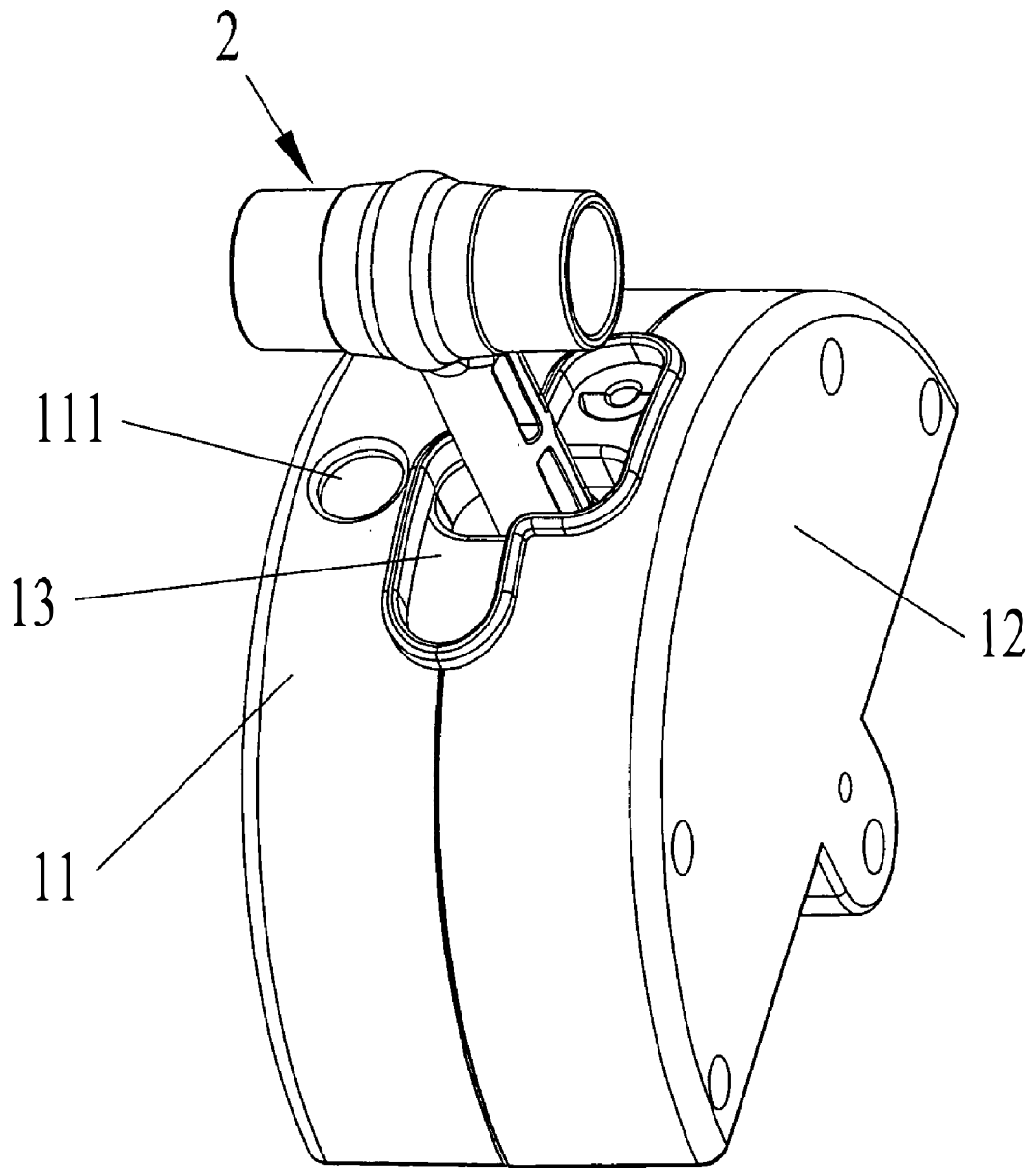
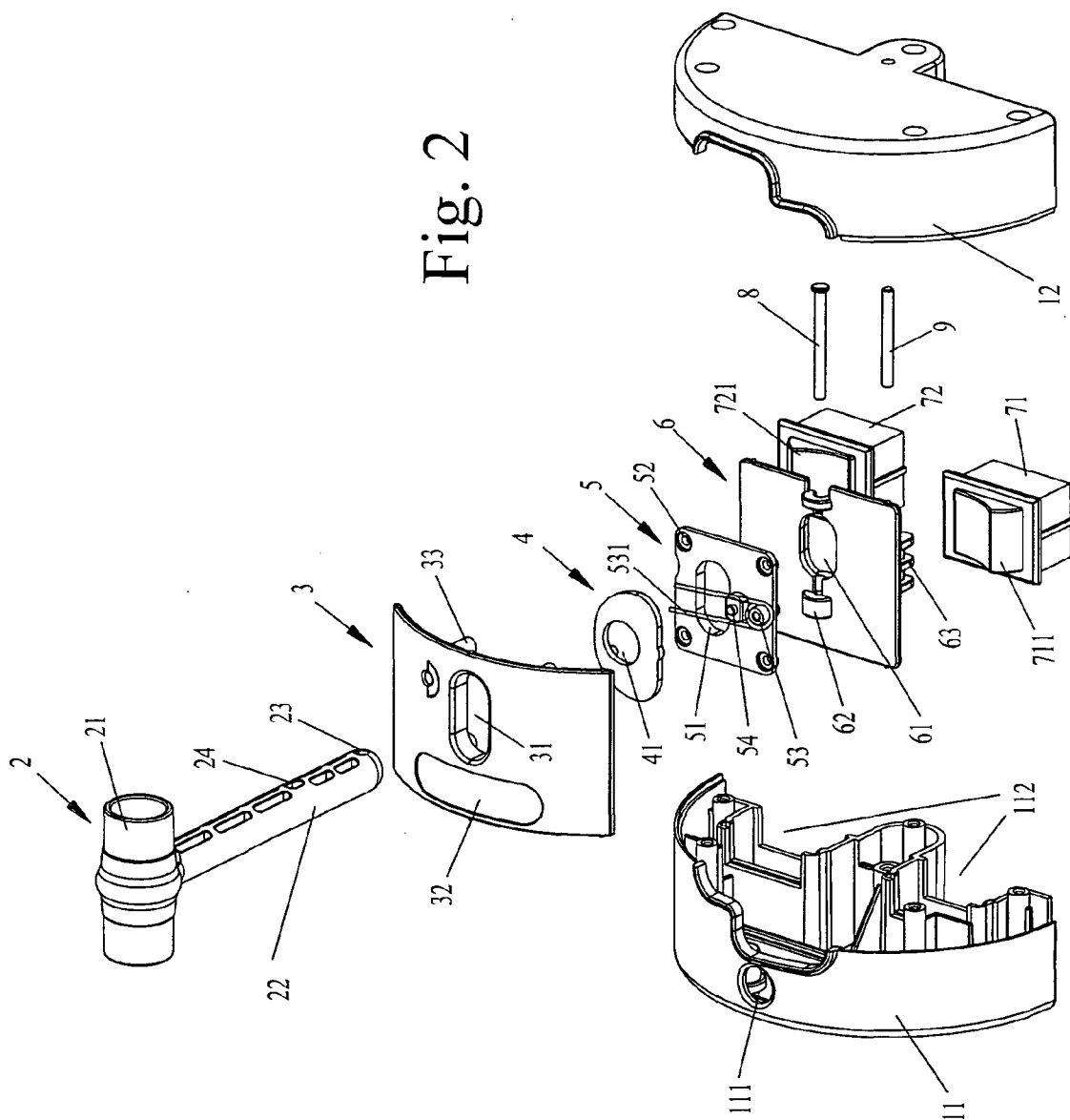


Fig. 1



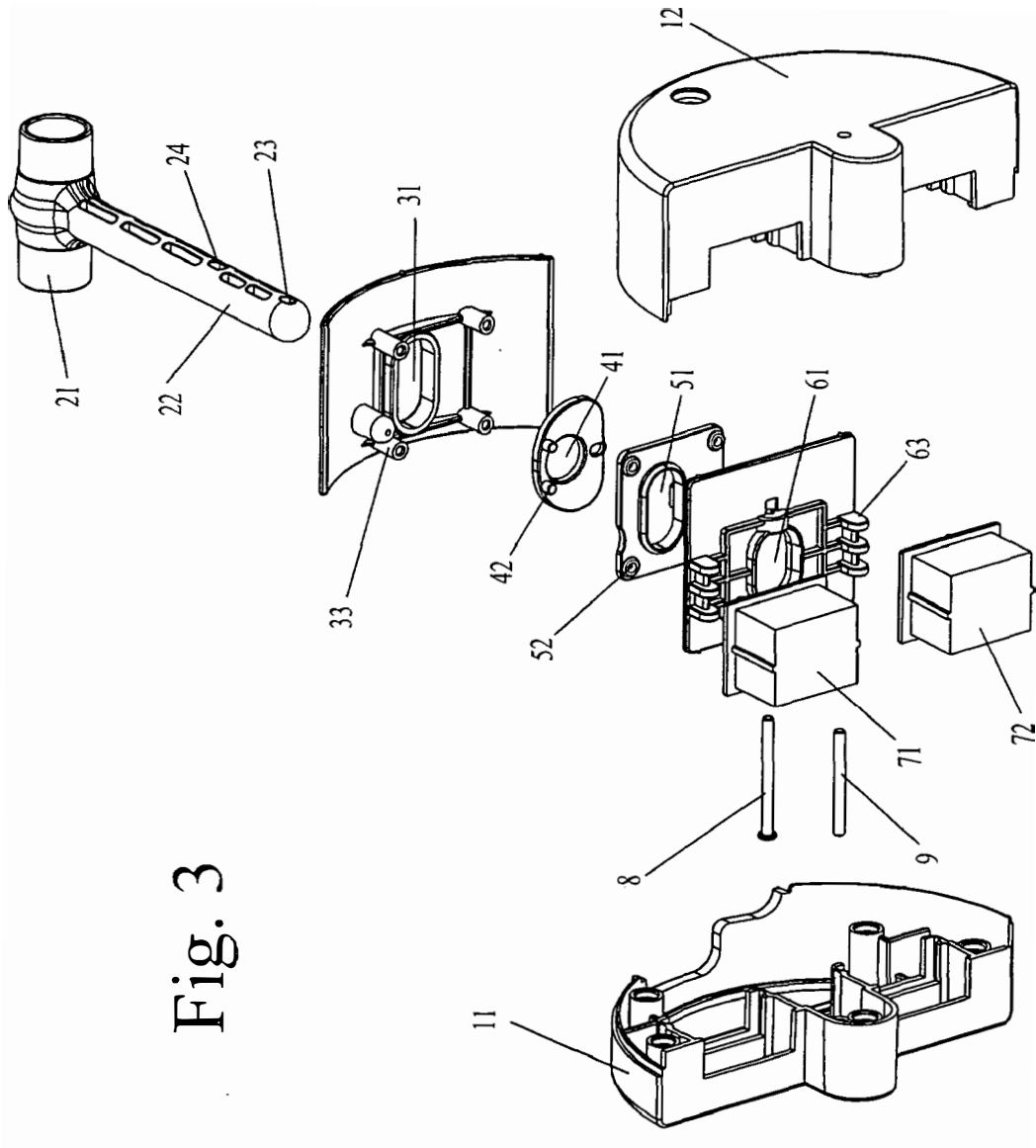


Fig. 3

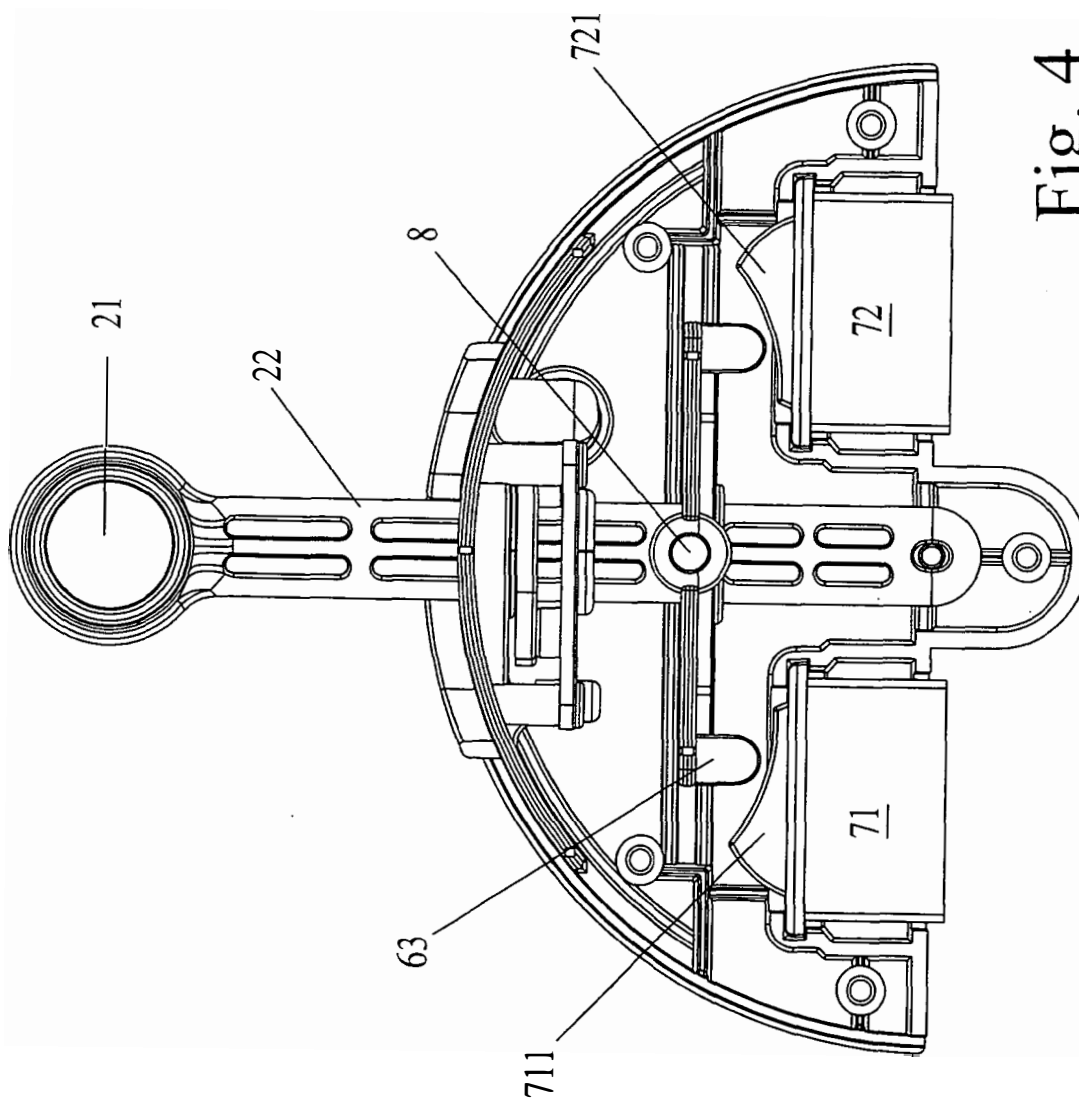


Fig. 4

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.