

SHOEMAKER AND MATTARE, LTD.

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August 19, 2008

SENT VIA

- Fax
- Email
- Post
- Overnight

National Widget Company
Attn: John Doe, President
123 Maple Grove Avenue
Somewhere, California

Re: Widget with Power Amplifier
Your ref. "Widgemax"
Our ref. 08-0182

Dear Mr. Doe:

In response to your request, received by email on August 14, we have conducted a patentability search on the device shown in the drawings attached to your message.

Our search was directed to a widget of the type having a elliptical pin interconnecting opposed pintles and adapted to generate a torque between the pintles. We understand such widgets are well known. The particular improvement is the addition of a power amplifier which produces power pulses that enable the widget to create much higher peak torque and thus provide reliable pintle movement even in very cold environments.

As a result of the search, we have identified the following references:

U.S. Patents

7070341 - Smith [see Fig. 7, items 31 and 52]
4712340 - Jones
D213444 - Brown

Published Pending Applications

20060123456 - Parvesian et al.

Foreign Patents

(none)

Literature

www.shoemaker.com/archive/understandingwidgets.html

This search was conducted in Class 294, subclasses 100 - 103 and in Class 340, subclass 43.

The Jones patent, which was granted to your company, was cited for its disclosure of a widget which interconnects two pintles, for the purpose of producing relative movement between the pintles. There is no power amplifier; the only power supply disclosed is three "AAA" batteries.

The Smith patent shows a widget having a power amplifier; however, the amplifier does not produce pulses, and it is installed in a carburetor throttle actuator linkage, rather than between pintles.

The Brown design patent may be of interest for the appearance of the widget shown in Fig. 3.

The web page cited above is a primer on widget design and may be of interest as background.

Please advise if you would like us to elaborate on this report, or if further searching is needed.

Sincerely yours,

Enclosures:

patent copies in .pdf format (by email only)
invoice