COMMERCIAL 1ST INVESTMENT OPPORTUNITY AVAILABLE

# BULK LIQUID TRANSPORT INNOVATION

**ISSUE -** Current inefficient transport logistics with rail wagons returning empty to mine sites
**MUST BE A BETTER WAY**

**SOLUTION - COLLAPSIBLE BLADDER CONTAINER -** Patented design technology for transporting bulk liquid consumables (especially DIESEL FUEL) to mine sites using return journey empty rail wagons without impacting the normal mine output rail wagon loading/unloading timing cycle.

**SCAN WITH MOBILE FOR SHORT VIDEO ANIMATION**
(example for illustrative purposes only)

## COLLAPSIBLE BLADDER CONTAINER (CBC) BENEFITS

- ✓ Access patented design.
- ✓ Significant savings on diesel fuel transport costs.
- ✓ Uses existing mine rail transport infrastructure, rather than heavy vehicle road transport or dedicated diesel fuel train consists to supply a mine's diesel fuel needs.
- ✓ Where mine sites involve dedicated diesel fuel train consists, these train consists can be replaced with mine output train paths increasing mine output export potential and revenues (multi $millions) at no (or minimal) cost.
- ✓ Patented design can also apply using return journey empty truck trailers in situations where mine output is road transported from mine sites.
- ✓ Reduces road traffic congestion, noise and potential for accidents.
- ✓ Reduces air pollution and greenhouse gas emissions.

## THE MARKETS

The CBC design offers considerable potential for bulk commodity mining companies to both save on their high diesel fuel transport costs and increase productivity, particularly in large coal (e.g. Queensland, New South Wales) and iron ore (e.g. Western Australia) mining areas.

This broad mining market can be divided into 3 distinct segments:

1) Bulk commodity mines with rail links - currently supplied diesel fuel by road transport.

2) Bulk commodity mines with rail links - currently supplied diesel fuel by rail transport.

3) Bulk commodity mines without rail links.


## THE INVESTMENT OPPORTUNITY

The patented CBC design offers the potential for significant financial, environmental and social benefits through the more efficient use of the existing rail and/or road transport network.

The patent owner is currently seeking expressions of interest to either:

a) Exclusively or non-exclusively license the patented design
(Australian patents 2018212935 & 2022203349),
(Indian patents 494414 & 545247) and
(USA Patent US 12,043,474 B2); or

b) acquire exclusive rights to the patented design.

It is expected that either option would require the investor to develop a prototype of the patented design to progress to full commercialisation.

## POTENTIAL INVESTORS

Potential investors may include railway operators, mining companies, fuel companies, transport/logistics firms or businesses involved in the container industry.

Initial analysis suggests the CBC design may also be used in other potential markets, e.g. agriculture, Defence, emergency services.

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Simply visit
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