

Franks Final Grade

Submission Number: 597

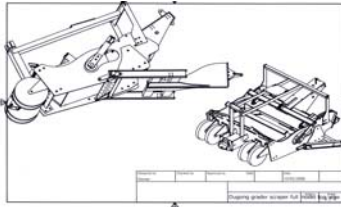
Date Received: 9/2/2011



Patent 2005265437 granted 20 years

With innovation

Patent 2004100772



Graham Walsh

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Committee Secretary,

Simple things like a patent which I believe is timely but without reason when you look at me and my deep roots within the MDB.

This patent sets out an opportunity for MDB people to take forward the ground development knowledge they have built and utilised so far and refine it in to the research already done, and lift up to the expected yields of double, grown in only half the area, freeing up more farming opportunities and giving back many options as it does to the people of the MDB system I believe not seen since federation.

A steady roll out of the technology (Government hire to the MDB irrigators) could be undertaken to advantage people in it and their current infrastructure and satisfied the general desirer of the environmental needs, when water recreates into a future limited supply.

This technology is not new and has other benefits like operator less machines also new old technology not likely to be applied to the larger type machines in the more semi rural areas like that of the MDB (mining yes I believe, may already be in use). The farm chemicals health well being are all brought together with a cover much the same as herbigation spraying does.

There is essentially nothing fantastic about this patent only it will work on the smaller tractors for landforming or laser grading (this a pick up and carry type machine) effectively meeting all Government standards pathing the way across the bridge between csiro or lab environment to field and yield expectations, the missing link in practice on a mass scale (OHAS approved).

Lastly the large machine will always be the first choice on bulk earth works and last on the water bill drying out the soil and running up large water charges, the small size will be working on the very top or seed bed that is first to dry after rain and the removal of weeds after such an event could help its places as I see it, also a platform to remove as many implements from the back of the tractor and on to the patent or platform complete the task of sowing spraying etc in a single pass (this could be a major benefit with tractor accidents and giving great tractor choices).

The destruction of water holding infrastructure in the paddock that is to be pulled down and reconstructed when bulk earthworks are undertaken could be considered a major saving. The patent is well placed to embrace fuel cell (many type actuator options or power source) and the technology advances in the field pollution reduction (biodegradable wheels (no operator)).

Models of use used would be of the 1 acre per hour using multiply machines e.g.: 6 machines would complete an area of 60 acres overnight weeding severely disrupting weed seed in particular when conditions and moisture or seasons are in line, activating chemicals and minimising fertiliser dependence and in turn the environment.

The manufacture of such a product in Australia in my opinion is in the long term far better. Consumable parts would easily go in the post and be delivered to the mail box reducing the need to leave farms, weeds and other management issues spring to mind.

Much time has been spent going over modern manufacturing options laser cut steel has proved its worth in moving forward with robots not yet needed, this could easily make volume a basic manufacture. The mild steel construction slot dove tail type construction (OHAS), part sizes and assemblies (OHAS) is in keeping with businesses service providers for basic welding & painting in all areas of MDB as would be the services to fit out for use, apprentices creating world class standards. The first machine was built with little to no contact, just drawings and a pile of steel.

The logistics of moving the product would be flexible enough in that pre cut flat pack steel or bulk uncut steel would be a decision made about road or rail freight and cutting facilities, fabrication and the completed product would not be an issue that I could see, encouraging manufacturing places over the MDB area to task can be done in line with the plan necessary.

Family references 1st cousins or immediate family.

Allen Walsh: director rice growers Leeton NSW.

Jillian Dickson: (Maiden name) Westpac banking corporation.

Geoffrey Walsh 60 or so years growing rice.

Myself a junior of all and currently in case pending 5696 supreme court NSW.

(Water shares the subject)

Committee Secretary I believe a fair and equitable choice for the people of the MDB is in this patent no matter which water diversion is put in place from time to time and deserves the attention of the chair and its board of authority.

Machines exist in and out of the MDB area with private owners.

Other Governments have expressed interest in this technology under the PCT section of the granted 20 year patent 2005265437 device for levelling ground; this could be an opportunity for the people of Australia to have use of this technology, the patent would look for the Australian Governments full support if this patent is to be implanted.

Currently producing at Franks Final Grade the Dugong 1400 series ONLY.

Information is 1200 kgs dry weight, 1350mm cutting or grading area, 3 metre length, width 1550 mm.

Current information is for a Dugong 1400 series grader scraper and a 30 hp tractor. This size is the machine referred to herein, and is recommended for use in the MDB.

Franks Final Grade contact and www.fgds.com.au

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