

# 4B THE SCOOP

ISSUE 1 – 2006

## Now Handling the World!

CHECK OUT OUR NEW WEBSITE: [www.go4b.com](http://www.go4b.com)

Components For Bucket Elevators & Conveyors - Hazard Monitors, Speed Switches, L

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With headquarters in the United Kingdom and subsidiaries in the United States, Argentina, France, Germany and Thailand, we are currently providing top quality products and services to each and every continent in the world.

From bucket elevator and conveyor components to complete hazard monitoring systems, together with extensive and free of charge engineering design, we offer different approaches to increase the efficiency of your material handling systems.

If you want your plant to outperform and most importantly, save money in the future; CONTACT US NOW!



You Buy... Design!



## News Flash

## WE'VE GOT BOLTS!

4B BRAIME has purchased the machinery and tooling to manufacture the range of elevator bucket bolts previously manufactured by JACKSON FASTENERS.

This is good news for all those companies who have run into sourcing problems, since the famous bolt manufacturer JACKSON closed.

In fact, 4B telephone lines have been running hot in the last few weeks because of customers desperately searching for JACKSON bolts.

The JACKSON machinery will enable 4B BRAIME to manufacture the following former JACKSON bolts under their own "4B" brand:

- "Ref 70"; Large Oval Washers, Easifit Bolts, Fang Bolts and Euro Bolts

**If you are looking for these particular bolt styles and others, please contact 4B for cost and availability.**



WE SPEAK SPANISH & PORTUGUESE!



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Please call for in-depth product information, or visit our website at

# [www.go4b.com](http://www.go4b.com)

## Employee Profile



### Elizabeth Ball

Latin American Sales

Before coming to work at 4B, I worked for Motorola Inc., Schaumburg, Illinois for 14 years. I worked in Purchasing as a buyer for four years and also supported the MINT (Motorola Internet Negotiations Tool).

I have been married for three years to Michael Ball, who works for Dove Equipment in East Peoria. We have two children, Justin and Jeffrey.

In our spare time we like to race our 2004 Corvette. We participate in various autocross races throughout the country.

I'm excited to be a part of the 4B sales team.



# GEAPS EXPO '06 — SOLD OUT!



Visit us in Nashville, TN for the 77th Annual International Technical Conference and Exposition of the GEAPS (Grain Elevator and Processing Society) Exchange February 25-28, 2006.

GEAPS Exchange is the grain-handling industry's largest and best venue for operations professionals and suppliers to come meet, learn, grow, network, and of course, have fun! Over the three days of the Exchange, you can browse over 200 exhibits showcasing products, equipment and services.

## STOP BY!

**4B Booths #431, 530 & 531**  
for the very latest innovations in  
material handling technology.

Visit [www.GEAPS.com](http://www.GEAPS.com) for further information and to register.

## Certified Wooden Pallets for Export

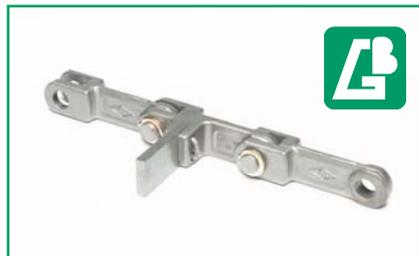
Are you aware of the new customs regulation regarding the use of certified pallets for exporting? The wood must be treated by at least one, or a combination of approved international measures. The two most commonly used measures are the HT (heat treated) and MB (methyl bromide fumigation).

To comply with HT, the center of the wood must reach at least 56°C for a minimum of 30 minutes. Kettle Dried (KD) or CPI (Chemical Pressure Impregnation) are valid treatments considered under HT. For pallets to be in compliance with the new regulation, the wood must be

stenciled or impregnated with the international symbol (IPPC symbol) letter

code, a number, and the abbreviation of the treatment. Customs authorities will return or destroy any merchandise that does not comply with the new regulation.

**All 4B exports are in compliance with this new regulation.**



## Chain — IN STOCK

4B Components maintains a vast inventory of Chains, Sprockets and associated components to suit many different applications. Parts are ready for immediate shipping from our facility in East Peoria, Illinois.

# COMPANY SPOTLIGHT

## 4B REPRESENTACIONES MEXICO

My name is Maria Teresa Garza de la Peña. I was born in Mexico City and have a Master's degree in political sciences and public administration. My past experience includes working for fourteen years in different administrative areas of the federal government in Mexico.

In 1998, I was working as the purchasing manager for a national warehouse and had the opportunity to buy equipment from 4B Components, Ltd. It was then that I realized the high quality of 4B products and the need to have this type of equipment available in my country, easily accessible for other companies to purchase.

In 1999, 4B Representaciones in the city of Guadalajara, state of Jalisco, became the exclusive distributor of 4B Components in Mexico.

I have been promoting and selling the complete range of 4B products in Mexico over the last six years and I have been able to make a difference in the marketplace by selling to many different companies, including Cargill, ADM, Pilgrim's Pride and Bachoco.

My future plan for 4B Representaciones Mexico is to strengthen 4B Components market share, so it will be recognized as the leading material handling company in the whole Mexican territory. 🇲🇽



**Keith Bohnker**  
Sales Manager  
Electronic Products

## SPARKY'S SHOCKERS

**QUESTION:** What are my best options for monitoring the temperature of the bearings in my plant?

**ANSWER:** Although there are several technologies available to sense temperature, some are better suited to plant bearing temperature monitoring applications than others. The guide below outlines the differences between the three main technologies.

The temperature sensors must be connected to other devices which translate the sensor information into actual temperatures (°F or °C) so that plant operators and maintenance personnel are able to see the individual bearing temperature.

### CONTINUOUS BEARING TEMPERATURE TECHNOLOGY COMPARISON GUIDE

	Initial Cost	Open Circuit Indication	Short Circuit Indication	Protection to Interference	Cable Size	Cost of Ownership
Thermistor	S	●	●	⚡⚡⚡	●	S
Thermocouple	S	●	●	⚡	●	SSS
RTD	SSS	●	●	⚡⚡⚡	●	SSS



The 4B Hotbus system performs this digitally and can be connected to plant Ethernet, DeviceNet, and Modbus networks. For more information go to [www.go4b.com](http://www.go4b.com)

**Send your questions through our website [www.go4b.com](http://www.go4b.com) or email Keith at [kbohnker@go4b.com](mailto:kbohnker@go4b.com)**

## WOLSTY'S CORNER



**Dave Wolstencroft, P.E.**  
Technical Manager

PRESENTING...

## The NEW SPS Industrial Duty Bucket



4B Components is pleased to announce the introduction of the industrial duty pressed steel SPS bucket into the North and South American markets.

The SPS buckets have the same design and fill characteristics as the larger SJ bucket, but offer a wider range of sizes. The bucket is manufactured from 3mm pressed steel (stainless steel available), with a wear lip option. Examples of use include sand, cement, coal, aggregates, powders, fertilizer, etc.

Traditional bucket elevators use large and expensive fabricated or cast nylon / steel buckets which can have inherent flaws and are expensive, heavy, bulky, and paired with poor design and fill characteristics.

The SPS is a pressed steel bucket which is far less expensive than fabricated versions, is stronger and has much better capacity characteristics. New bucket elevators can now be designed with a smaller case size, or existing ones can have an increase in capacity.

**THE SPS INDUSTRIAL BUCKET =  
*increased productivity +  
reduced costs***

4B Components also offers FREE ENGINEERING to compliment this new bucket system.

**Contact me at 4B** for more information.

**Email your questions to Dave at [dwolstencroft@go4b.com](mailto:dwolstencroft@go4b.com)**

**FREE**

Engineering Design Service



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