

1984 HISTORIC RESUME

O. R. TITCHENAL (died: 1996)

SUMMARY

50 YEARS of research, development, engineering, management and sales experience in the Packaging Industry. Specializing in industrial plastic and paper shipping bags. Manufacturing, development and sales of packaging machinery systems. Registered Professional Engineer, Member of Packaging Institute and American Society of Mechanical Engineers.

CO-FOUNDED AND MANAGED successful packaging systems company. This was organized to manufacture and market products based upon my patents, product development and knowledge of the markets. I was influential in bringing this company to a profitable position and \$5,000,000 in sales in less than five years.

CREATIVE and can inspire and direct creative people, as well as supervise manufacturing, sales and administrative personnel. I presently have 28 patents issued. Many new successful machines and packages have been developed and marketed under my direction.

RECOMMENDED AND DIRECTED R&D programs, business strategy and marketing programs for major as well as small companies. Have recommended and helped place in operation complete packaging systems as well as simple solution to packagers, needs, problems or new products requirements.

INTERPRET and turn salesmen and customer requirements into new sales or new products. Personally have gathered, investigated and analyzed marketing information to establish and carry out development and marketing programs.

HAVE TRAVELED IN EUROPE, MEXICO AND CANADA and negotiated technical aid and license agreements with foreign companies. Have made technical presentations to foreign licensees and conventions.

SPECIALIZED KNOWLEDGE in formulations and co-extrusion of films, bag construction, both paper and plastic, as well as the packaging systems to use the products. Published an article on fluidization of dry powdered solids as it pertains to packaging machinery.

HAVE PERSONALLY sold machinery and bags, as well as organized and made technical presentations along with account salesmen. I organized and managed an Engineering Sales and service organization for many years.

O. R. Titchenal

ACADEMIC EDUCATION

Phoenix Union High School - Pre-Engineering
Phoenix, Arizona- 1933-1937

Fullerton College - Aeronautical Engineering
Fullerton, California- 1937-1938

SUPPLEMENTAL EDUCATION

ICS Course in Machine Design- 1939-1940

Night School at UCLA and USC in Los Angeles, California in Management and Engineering subjects, 1939-1941.

Over the years AMA and other special seminars on Engineering and management subjects.

University of Michigan Graduate School - Special course in Foreign Licensing and joint ventures.

PROFESSIONAL AFFILIATIONS

PRESENTLY hold a Professional Engineers license (Mechanical Engineering) in the State of California.

MEMBER of the American Society of Mechanical Engineers and the Packaging Institute.

MILITARY EXPERIENCE

Saw action in Okinawa, Siapan and Occupation Duty in China - U.S. Marine Corps, 1944-1946.

I am 74, married (children grown), in excellent health and free to travel when needed.

O. R. Titchenal

PROFESSIONAL HISTORY

BASIC PACKAGING SYSTEMS INC. 1971-1981

EXECUTIVE VICE PRESIDENT, DIRECTOR AND CO-FOUNDER

Founded and managed company from its inception to a profitable \$5,000,000 in sales in less than five years. The company was founded to develop the market for a completely new packaging system requiring manufacturing, marketing and technical developments. Developed new films and markets for the film and bags.

Located and negotiated both domestic and foreign licenses for the products.

DOW CHEMICAL COMPANY 1965-1970

ASSISTANT DIRECTOR OF R&D FOR CONVERTED PACKAGING PRODUCTS

Directly responsible R&D and was business team manager for Poly Film and Bags, Shrink Saran films and Packaging Systems. Developed and patented a new co-extruded barrier film and packaging system for fresh meat (still in use) .

Developed and patented special bag and packaging system for heavy duty shipping bags (this work was spun off to form Basic Packaging Systems Inc.).

ST. REGIS PAPER COMPANY 1947-1965

DIRECTOR OF PACKAGING ENGINEERING, WEST NYACK, N.Y. 1963-1965

Duties included: Director of 65 employees working upon the development, prototype manufacture, subcontracting and marketing of packaging machinery and systems for manufacturing, filling and closing industrial and consumer size bags.

MANAGER OF PACKAGING MACHINERY, EAST PROVIDENCE, R.I. 1960-1963

Duties similar to above except St. Regis also manufactured the packaging machines in their own shops. Therefore, position included coordinating with manufacturing. (In 1964, St. Regis sold its machine manufacturing facilities.) In this position, directed 80 employees.

CHIEF ENGINEER, PACKAGING ENGINEERING DEPT., EAST PROVIDENCE, R.I. 1958-1960

Duties included the supervision of about 50 engineers, draftsmen, and development shop mechanics.

ASSISTANT CHIEF ENGINEER, PACKAGING ENGINEERING DEPT., EAST PROVIDENCE, R.I. 1956-1958

Assisted in the direction of the Engineering Department and supervised the Development Shop.

ENGINEERING MANAGER OF WESTERN AREA, EMERYVILLE, CA 1954-1956

Duties included supervision of 12 sales engineers and field service men covering 11 western states. Also Works Manager of Emeryville Machine Shop manufacturing and developing packaging machinery.

ENGINEERING MANAGER - WESTERN AREA, LOS ANGELES, CA 1951-1954
Supervised 12 sales engineers and service men covering 11 western states - selling, installing and servicing packaging machinery.

SALES ENGINEER - LOS ANGELES AREA, LOS ANGELES, CA 1947-1951
Selling and installing packaging machines.

DOUGLAS AIRCRAFT COMPANY 1939-1947

TOOLING ENGINEER - SANTA MONICA, CA 1946-1947
Duties included the design of assembly jigs and fixtures for the manufacture of the DC-6 wings.

(U.S. MARINE CORPS 1944-1946)

SUPERVISOR TOOL DESIGN DEPARTMENT - EL SEGUNDO, CA 1943-1944
Supervised the design of tooling assembly jigs, and master tooling department of approximately 25 men.

PROJECT TOOLING ENGINEER - VERNON, CA AND TULSA, OK 1941-1943
Planned and supervised the design and placing into operation - master tooling - assembly jigs for construction of B-24-E, EXB2D, XBTD airplanes.

TOOL DESIGNER - SANTA MONICA, CA 1940-1941
Design master tooling and assembly jigs for DC-3, A2OA, C-47, and C-54 air- planes.

EXPERIMENTAL MECHANIC 1939-1940
Worked upon the manufacture of wings for DB7 airplane.

EXPERIMENTAL MECHANIC - LOCKHEED AIRCRAFT CO., BURBANK, CA 1938-1939
Worked upon the manufacture of parts and assemblies for XP38 airplane.

Resume Update
August 1984

In January of 1982 I resigned as an officer and director of Basic Packaging System Inc. I also sold my interest in the company. I have been working as a consultant since that time.

My clients have included:

Dow chemical Co., Midland Michigan
Gathered information for law suit and acted as expert witness for them on Bag and Film manufacture.

Automated Packaging Systems Inc., Twinsburg, Ohio
Prepared preliminary study of market and design for new package and packaging machine.

Muller Food Products Company, Elyria, Ohio
Prepared Market study of Generic food sales.

Filper Corp., Reno, Nevada
Prepared U.S.A market study for a European machine to be manufactured in U.S.A.
Recommended changes in machine for U.S.A. market.
Helped with design changes on machine.

American Newlong Inc., Indianapolis, Indiana
Retained to provide advise as needed on marketing and sales of Packaging Machinery line.
Special market study on need for sewing of Geotextle Fabrics.

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I have good knowledge in the following product lines:

- Paper And Plastic Products
- Multiwall Bags - Construction And Manufacture
- Small Bag - Construction And Manufacture
- Bax - Construction And Manufacture
- Corrugated Box -- Construction And Manufacture
- Folding Box - Construction And Manufacture
- Corner-lox Boxes - Construction And Manufacture
- Bulk Bags -. Boxes
- Packaging Machinery
- Valve Bag Filling Machine
- Open Mouth Bag Filling And Closing Systems
- Pinch Bottom And Pinch Pack Bag Closing Machine
- Gross And Pre-weighing Scales
- Package Handling Conveyor - Large And Small - Flexible And Rigid - Powered And Gravity
- Dry Powder And Granular Handling Systems - All Styles - Air Slide, Pressure, Mechanical
- Design Of Material Holding And Feeding Bins
- Feeders - Air - Vibratory - Screw - Belt
- Small Package (Bag Filling And Closing Machines)
- Corner-Box Style Cartons - Erecting And Closing Machines
- Corrugated Case Packers
- Bag Packaging Machinery
- Wrapping And Bundling Machine
- Shrink Film Machines
- Heat Sealing Machinery
- Hot Melt Applicators And Reactivators
- Palletizers
- Bulk Shipping Containers - The Construction, Filling And Shipping
- Stepped End, Multiwall Valve Bag Making Machines, Tubers And Bottomers
- Sewn Multiwall Bag, Valve And Open Mouth, Tubers, Valvers And Enders
- Pinch Bottom Bag Making Machine - Tubers And Enders
- Film Formulations
- Co-extrusion Of Films
- Bag Manufacturing – Plastic
- Plastic Bag Packaging Machinery