



INTERNATIONAL

METAL DECORATOR NEWSLETTER

First Quarter, 2010



ANNOUNCING THE 2010 ANNUAL MEMORIAL SCHOLARSHIP GOLF OUTING & CONVENTION MAY 26—28, 2010 HILTON INDIAN LAKES



The time is fast approaching when the metal decorating industry gathers to discuss the state of the art, new technological developments, the latest equipment offerings, regulatory updates, and helpful tips to making your operations and procedures more effective and efficient. Of course, no annual meeting could be a success unless we started on Wednesday with our Memorial Scholarship Golf Outing which sets the tone for great camaraderie and rewarding networking. After a day on the course, the attendees gather in the evening for fun and good food; all in the spirit of raising funds for scholarships for children who have family members who belong to the International Metal Decorators Association. Over the past 5 years we have given more than \$23,000 in scholarships; this is a worthy cause. On Thursday we open the day with our membership meeting which is followed by our general session. Metal Packaging, Two Hundred Years of Excellence is our chosen theme for this year which pays tribute to the stability and accomplishments of the metal packaging industry. The Convention Committee has developed an agenda which encompasses many aspects of metal decorating in the continuing quest to maintain a scope of excellence in metal packaging. Keynote addresses from industry leaders will inform us on marketing trends and new product developments. Our motivational speaker will once again entertain you with thought provoking ideas laden with a humorous side all in the spirit of opening our horizons to become better team players. And then we get down to the pragmatic side of the agenda. Presentations on quality enhancement devices, regulatory directives and developments, equipment breakthroughs, material curing, in plant safety training, and operations efficiency improvements will all be discussed over the Thursday and Friday agenda. As part of the agenda, we will once again have our Breakout Sessions for Flat Sheet and Two-Piece on Thursday afternoon. Our sponsor Hosted Exhibit and Networking session will follow the full day of sessions. Capping off our Thursday events will be our Awards Banquet during which time we recognize our Decorator of the Year, Member of the Year and our Excellence in Quality award recipients. Our program is in the final stages of development and we will be mailing all of the registration information in the coming month. You can also stay abreast of Convention planning and registration activity by visiting our website; www.metaldecorators.org. Online forms for convention sponsorship, convention registration, display table registration, hotel room reservations, and Quality Contest entry forms.

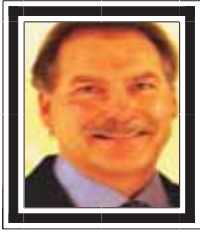
Your convention experience is just a click away!

We hope to see you in May at the Hilton Indian Lakes Resort.

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www.metaldecorators.org



From The Director's Desk



The beginning of a new year presents many the opportunity to reflect on past times with hopes that we can make needed changes or to set new goals; goals of attaining heights which were only part of our dreamscape in days gone by.

While reading the latest issue of Runner's World looking for this year's race challenge, I find myself dreaming of completing the unthinkable; another marathon at my age. Look, running like a penguin will never win races, but that's not the goal. It's finishing and taking the journey to heart that's most rewarding. And years ago I realized that running the long one is like taking on any other worthwhile endeavor; you need to commit. Once committed, focusing becomes the paramount requirement. Focusing on completion and fulfilling the dream can be very rewarding.

And so it is with our Association; participating in our membership takes commitment. Whether you are a member serving on committees, participating on the Board, serving as an Officer, or maintaining membership over a lifetime, you are focusing on completing and satisfying a goal. A goal which is to be the best you can be in your selected field of endeavor in metal decorating and packaging. Our Association banks on such commitment coming from those who volunteer their time and energy to keep the IMDA viable and successful. For 76 years that has been our lifeblood and we continue to seek out those members who are willing to commit to the requirements of long term success. If you find yourself wanting to enhance your journey in the IMDA and join our committees or serve on the board, let us know. We will be your individual race starter, your sideline cheering squad, your personalized trainer and we will point you toward the finish line. It's a marathon that you will enjoy completing for sure. We hope that doing so will be a goal.

We begin another year of IMDA activity and take on the challenges presented in this global economy with zest and vigor. Our convention in May is shaping up to be one of the better ones in recent history. The convention committee is as productive as any I've seen and participation is at a high level. Although we have only listed convention outline information in this issue, we will be communicating more detail in the coming month. The format of the convention remains the same except that we are adding an Awards Dinner on Thursday evening to honor the member of the year and quality winners.

Our Scholarship Awards process has begun and requests for application packets is underway. This is the year for updating our membership directory and we included pertaining information in our dues invoice mailing. Please do not hesitate to send us your updated information. As always, your timely dues payments are appreciated and help us defray operating costs for the year. For those into the social networking scene, we have set-up a Facebook page: IMDA to stay up to date on the happenings in our membership.

Enclosed please find a new member application form. Please consider recruiting at least one new member this year by signing up a coworker or associate and share the IMDA experience.

Please note that I did not begin this letter with proclaiming New Year's resolutions. They are made to be broken or at least challenged. According to a recent University of Scranton survey, 6 months after January 1st only 46% of those making them fulfill them. 71% keep them for two weeks, 64% for a month and 50% for 3 months. You see, metal decorators set and attain goals instead.

Let the race begin! I hope to see you in May.

Best wishes,

Michael Masenior

Executive Director

MEMBERSHIP NEWS

2010 SCHOLARSHIPS

WE ARE CURRENTLY SENDING THE
REQUESTS FOR APPLICATIONS FOR 2010.
TO RECEIVE YOUR APPLICATION PACKAGE
PLEASE CONTACT US AT THE IMDA
HEADQUARTERS AT TEL: 410-252-5205
OR EMAIL US AT: AMPMGT@AOL.COM

HOT FROM THE OVEN

DUES

The 2010 membership dues invoices have been mailed. Please remit the 75.00 dues payment by March 31 to remain an active member. To receive the member convention registration rate, or a scholarship application dues payments must be current. We thank you for your continued support.

DIRECTORY

We will be producing our new directory this year. Information on gathering your latest contact information was sent with the dues bills. Please return the information request form so we can be sure to have your current contact information including email

addresses We are communicating more via emails and we want to make sure you are receiving our membership updates.

WEBSITE

Our website has been updated to include previous newsletters, quality winners and convention information. A special thanks to Renee Etiopio and Andy Davidson of INX International for their efforts to update the site.

Visit metaldecorators.org for this year's convention, golf outing, and quality competition information.

2009—2010

OFFICERS & DIRECTORS

President

Joseph Finan, INX International Ink Co

Vice President

Jack Knight, INX International Ink Co

Secretary Treasurer

Janelle Harris, Ball Corporation

Executive Director

Michael Masenior

Directors

James Andamasaris, Select Metal Litho

Eugene Basler, Anheuser-Busch

Russell Cannon, Crown Cork & Seal

Jim Cation, Rexham Beverage

Rick Clendenning, INX International Ink Co

Michael Conover, PPG Industries

Craig Eberts, First Transitions

Jonathan Ellaby, INX International Ink Co.

Mark Finch, Silgan Containers

Eugene Furey, Honorary Member

William Graue, Silgan Closures

Dr. William Hoyle, Hoyle Consulting

Art Hurley, Silgan

Steve Kight, PPG Industries

Paul Krueger, Valspar Corporation

James Lore, Watson Standard

Kenneth Matyska, INX International Ink Co

Surya Misra, S & T Consulting

Ronald Moreau, Can Corporation of America

Ted Nevins, Bway Corporation

Mark Novotny, Nordson Corp

Jeff Radice, Meridian Arts & Graphics

Kevin Richards, Bway Corporation

Joseph Runyan II, J.L. Clark

Neal Santangelo, Crown Cork & Seal

Allan Sayers, Sayers Publishing

Gary Silke, Honorary Member

Mark Von Bokel, Metal Container

Michael Yavorski, PreCoat Metals



MEMBERSHIP NEWS

Decorator of the Year

What better way to recognize your company's craftsmen than nominating them for the IMDA's Decorator of the Year award. This is our third year of honoring press operators and production personnel who have been nominated by their managers. We will be sending out applications in the coming month for this year's nominations.

Welcome to the Board

We are pleased to announce that Arthur Hurley of Silgan and Mark Novotny of Nordson have joined the IMDA Board of Directors. Art has served on the golf committee and is also taking on the Chairman position for the golf outing. Mark has been active in the IMDA as a presenter at conventions and also serves on the convention committee. We wish both much success in their tenure on the Board.

Green and Seen

The IMDA strives to reduce its carbon footprint and be guided by the principles set forth for "Being Green". We look at this in three fashions. The first is through education by supplying presentations at our Conventions on Sustainability and Green Printing. We've had recycling presentations for many years. We have had numerous discussions on environmental regulations and attainment. Speakers have introduced technology which, when used, has a positive impact on the environment. Some of the topics relate to air pollution reduction equipment, solvent recovery, UV curing technology, high solids coatings, water-based coatings to name a few. Secondly we encourage our industry personnel to recycle at work and at home and to be sensible in the use of energy and natural resources. We hope that members and convention attendees promote being green at their respective companies and with their coworkers. The third aspect of greening of the association is of a procedural nature. We have increased the amount of communications via emails. When we do print paper, we use material which is conforming to the Sustainable Forestry Initiative and from mills who use wind power. Paper used is recycled. Inks are soy based and we use water based solvents in the process. Our headquarters contains air conditioning systems which are on a computerized demand system which saves energy. We employ zoned lighting and HVAC throughout the facility and have skylights to reduce lighting needs. We monitor the amount of paper used per member in a year and in 2009 the amount was 18 sheets of paper per member counting convention material.

We hold our convention at the Hilton which has a green initiative. They use organic products on the golf course, clippings are recycled, retention ponds are used, they have onsite paper recycling, linen & towel conservation programs, and are a participant in the National Audubon Society which has a certification program in environmental stewardship. They have future plans to enhance the environment in place. Our industry has been living being green before it was fashionable and we have produced products which are the paramount recyclable package. We are indeed doing our part.

Final note; You can recycle this newsletter when done reading as we have also posted it on the website for future reading use. We also encourage you to only print emails as necessary. Otherwise, you defeat the purpose of emailing to be green as inkjet and laser printers use more resources in the final analysis.

The Value of IMDA Membership

When new applicants asked for some of the benefits of membership in IMDA we provided our list of the top 10. Here they are.

1. The ability to seek and receive technical assistance through communications with headquarters, and networking.
2. Reduced Seminar fees
3. Scholarships only for members and family members
4. A membership directory for industry contacts
5. Assistance with job searches
6. Assistance with supply, material, and service provider sourcing
7. Assistance with equipment sourcing
8. Access to Member only bulletin board on website
9. Access to conference presentations on website
10. Membership provides conferences and opportunities to communicate with peers on technical, environmental and management information.

MEMBERSHIP STATISTICS

(as of 10-29-09)

MEMBERS	509
HONORARY	33
PRIVILEGED	31
TOTAL	573

Sun Chemical has released its first sustainability report, providing data driven performance measurement for seven key sustainability metrics to help customers and consumers understand the firm's environmental impact. Customers can calculate the initial carbon footprint. For more information, visit: www.sunchemical.com/suncare.



MEMBERSHIP NEWS

October, 2009 Board of Director Minutes

The Officers and 13 Board of Directors met at the Hilton Indian Lakes Resort for the October Board Meeting and the following is a overview of the topics discussed.

President Joe Finan convened the meeting and thanked **Neal Santangelo** for his service as president. Discussion took place to get more companies involved with the IMDA and to reduce some of the participation of INX International to reduce the stigma attached. The quality sponsorship will now be sponsored by the IMDA. Joe's vision for the IMDA is to be a resource for information to the industry. Joe wants the board to become more active and work towards satisfying the vision. **Treasurer Janelle Harris** presented the financial report and stated that the association is financially strong. Support from our sponsor companies and high participation at our convention are the main contributions to our financial picture.

Convention Chairman, Jack Knight stated that we will once again have a Thursday dinner. We experienced room attrition at the hotel in 2009 and is asking that attendees not book a block of rooms early on only to release them at the last minute as this caused us not to have rooms for those wanting to stay at the hotel as the room block was full. We will take steps to alleviate that situation this coming year. The committee for this year will begin to develop the agenda with more sub committees in place to assist with the planning. **Golf Committee Chairs Jack Knight and Gary Silke** reported that 2009's outing was a success and once again the outing was able to sponsor 7 scholarships as in the past. Due to Jack's expanded duties as VP and Convention Chairman, he is turning his reigns over to **Art Hurley**. **Membership Chairman Mike Yavorski** presented 23 new members to the board for their approval voting. See listing in this issue. President Finan reported on the **Newsletter** and stated that it will continue to be printed and mailed and posted to the website for future reference. The emphasis will be to move more to electronic format. We are in need of more articles and the suggestion was made for getting sponsor involvement and establishing a committee to assist with the issues. Presently, **Mike Masenior** is putting the newsletter together himself with the occasional contribution of articles. The **Scholarship** report was given by **Ken Matyska**. He reported that we have awarded \$23,000 in scholarships in the past 5 years. The golf committee spends many hours working on registering golfers, purchasing the gifts and putting on a fabulous evening banquet which they should be recognized for. **Website Chairman, Jack Knight** reported that we should be looking to upgrade our website and get proposals from services for handling our requirements which have graciously been done by INX International. Our site has had more than 13,000 hits with the largest months being February through May which are prior to the convention. We want to offer more resources to the membership via our website. The **Regulatory** report was given by **Dr. William Hoyle** and his emphasis was on the status of the regulation development with regard to BPA. He stated that industry personnel have been testifying on behalf of the industry and research and testing on alternative products is desired.

The **Flat Sheet Technology** report given by **Joe Runyan** stated that coating business is stable and printing is soft. Decorating outside of the US is growing with emphasis on UV usage. Digital printing is also being used extensively by JL Clark. **Two-Piece Technology** was discussed by **Mark VonBokel** and **Janelle Harris**. They stated that there is still a lot of work in digital and direct to plate. Customers are forcing things like color measurement reading for uniformity across the shelf in all geographical areas. Innovations are taking center stage to help sales such as Coors light blue lining, vented end and thermo ink. Shaped cans, aluminum bottle, Alumi-Tek is slowing down. Under **New Business**, Jack Knight reported that SPG has offered the IMDA a booth at the Cannex show in Las Vegas in April. The board also discussed aspects of green printing and we could possibly have a session on the subject at the convention. As to future convention sites, we are at the Indian Lakes Resort for this year and a group of past presidents are reviewing our options for future sites. The meeting was adjourned.

DecoDates

April 27-29, 2010

Cannex 2010

Las Vegas, Nevada, USA

Tel; 44 1293 435100

E:info@sayers-publishing.com

www.spgevents.com

May 26, 2010

IMDA Scholarship Golf Outing

Hilton Indian Lakes Resort

Bloomington, IL USA

Tel: 410-252-5205

E: ampmgt@aol.com

metaldecorators.org

May 27- 28 2010

IMDA Annual Convention

Hilton Indian Lakes Resort

Bloomington, IL USA

Tel: 410 252 5205

E: ampmgt@aol.com

www.metaldecorators.org

VISIT US ON THE
WEB
METALDECORATORS
.ORG



The IMDA now has a facebook page. The page name is IMDA We will post activities on our wall and we also have a tab for discussions among industry members. Take a look! We're on the book!

We welcome the following new members who were voted into the
IMDA in October, 2009

First	Last	Company	Country
Truong	An	Quang Huy Metal Packaging	VIETNAM
John L.	Dunn	Alfons Haar, Inc	USA
Rasid	Haron	Quang Huy Metal Packaging	VIETNAM
C.H.	Jung	Kyung Corp INX Korea	SOUTH KOREA
J.H. 'Johnny'	Kim	Kyung Corp INX Korea	SOUTH KOREA
Jack	Kowal	Ko Bra Enterprises	USA
Teddy	Kristiono	United Can	INDONESIA
Frank	Leung	United Can	INDONESIA
Frank A.	Lorenz	Trinty Enterprises LLC	USA
Robert	NG	Sakata INX	VIETNAM
Suk	Oh	Kyung Corp INX Korea	SOUTH KOREA
Randy	Pollack	Crown Cork & Seal	USA
Aamir	Rizvi	Aamir Metal	PAKISTAN
B.J. 'Jun'	Seo	Kyung Corp INX Korea	SOUTH KOREA
Dharyono	Soesanto	PT. Sinar Djaja Can	INDONESIA
Prasan	Sudangnoi	INX Thailand	THAILAND
Rahman	Sujud	Pt. Multi Makmur Indan Industri	INDONESIA
David	Susanto	Pt. Multi Makmur Indan Industri	INDONESIA
Rick	Tanner	Henkel Technologies	USA
William	Thomas	Central Can Company	USA
Nur Sahid	Waluyo	Pt. Multi Makmur Indan Industri	INDONESIA
Halim Parta	Wijaya	PT Cometa Can	INDONESIA
James	Zaini	PT Cometa Can	INDONESIA



Memorials

We are saddened to report the loss of our friends and fellow members recently. Our condolences are extended to their families.

**Don Buddy, Clare Koehler, Ed Kopta,
Delores Kwain and Ray O'Brien**

EMPLOYMENT ASSISTANCE

We have several members who are *unemployed* and are looking for positions in the industry. With valuable years of experience in flat sheet decorating management and sales capacities, these individuals may be able to help your organization. Contact Executive Director Michael Masenior at our headquarters 410-252-5250 to receive contact information. All inquiries will remain confidential. We are serving as a networking source only and wish to help fellow members in their quest for employment.



**INTERNATIONAL METAL
DECORATORS ASSOCIATION
ANNUAL CONVENTION**

Preliminary Agenda



WEDNESDAY, MAY 26th

7:00am -- completion

5:00pm – 9:00pm

Scholarship Golf Outing

Golf Outing Dinner

THURSDAY, MAY 27th

7:00am – 8:30am

8:00am – 8:30am

8:30am – Noon

Noon – 1:00pm

1:00pm – 4:00pm

1:00pm – 4:00pm

4:00pm – 6:30pm

6:30pm – 8:30pm

Registration & Continental Breakfast

Annual Membership Meeting

General Session

Luncheon & Networking

Flat Sheet Breakout Session

Two Piece Breakout Session

Exhibits & Hospitality Session

Awards Ceremony Dinner

FRIDAY, MAY 28th

7:00am – 8:30am

8:30am – Noon

Continental Breakfast

General Session

See us at Cannex

The IMDA will participate in the Cannex & Fillex De Las Americas Show which is being held in Las Vegas, USA from April 27–29, 2010. We will be at Booth 617 and we encourage all members to visit the booth and become familiar with the information on hand. As you tour the show, we hope that you encourage nonmembers to visit our booth and find out about the offerings we have. Information on new membership, our website and our upcoming convention will be available for distribution. Any members wishing to help man the booth should contact Michael Masenior, ampmgt@aol.com or 410-252-5205 to discuss the open time frames for manning. Assisting with manning and membership promotion is a good way to help your Association grow. and prosper.

ANNUAL CONVENTION REGISTRATION

We will be mailing out registration packets in the coming month. However, you may also get the necessary forms from our website: www.metaldecorators.org.



Convention Registration, Sponsorship Registration, Tabletop Exhibit Registration and Excellence in Quality Entry forms are available on our website: www.metaldecorators.org. Click on the Convention Logo and you will be directed to the convention information.

Hotel Reservations can also be made using the linked website which can also be found on our website by clicking on the logo. You can also make your reservations by calling the Hilton Indian Lakes Resort at 800-334-3417 or 630-529-0200.



Golf Outing Registration for golf participation and the evening's banquet can be made on our website. Just click on the Golf Outing logo and you will be directed to our registration site.

As always, you can call our headquarters at 410-252-5205 or email info@metaldecorators.org if you have any questions or need assistance.

2010 CONVENTION SPONSORSHIP

As of this writing, the following companies have signed up for sponsorship. The \$1000 Sponsorship allows for us to provide greater services, paid speakers and opportunities for networking after the technical sessions. Sponsoring companies will receive a complimentary tabletop display, recognition in our promotional material, recognition on banners displayed throughout the convention site and a link to your website from the IMDA's site.

For more information on sponsoring, you may visit the sponsor page on our website: metaldecorators.org. or request a form from ampmgt@aol.com or renee.etiopia@inxintl.com

Ajax Tocco Magnethermic
Anderson Vreland
Applied Vision Corporation
Ball Corporation
Brodie System
Can Corporation of America
Canmaking News
CanTech International
Crown Aerosol Packaging USA

GEW Inc.
Grace
Henkel Technologies
INX International Ink Co.
JL Clark
KBA-MetalPrint GmbH
Miltec UV
Nordson Corporation
Novelis

Perm Machine & Tool
PPG Industries
PreCoat Metals
Sensory Analytics
T.D. Wright Inc
The Canmaker Magazine
Valspar Corp.
Watson Standard
WFB USA Inc.

Website Resources

In our continuing effort to provide information to help the industry, we provide the following website addresses.

American Iron & Steel Institute: www.steel.org

Can Manufacturers Institute: www.cancentral.com

Graphic Arts Education & Research Foundation: www.gaerf.org

International Digital Enterprise Alliance: www.idealliance.org

National Association of Printing Ink Manufacturers: www.napim.org

National Association of Printing Leadership: www.napl.org

Printers National Environmental Assistance Center: www.pneac.org

Steel Recycle Institute: www.recycle-steel.org

FIRE! FIRE!

Sorry, false alarm. But did we get your attention? We actually do need your help so this is the 911 call to our members and your companies. We are wanting to expand our newsletter value to the membership and we need quality content to publish. We ask that supplier companies submit information on new equipment, supplies, services and technical information. We ask metal decorators to submit articles on technology, operating procedures and practices, and any other information of value. Consultants, this is your opportunity to shine and show your knowledge. If you have a marketing department, pass this information along. We are setting up a *win—win* situation for the membership and not contributing will lead to a failed situation; missed opportunities to help grow and sustain our industry. Some information is proprietary and we respect that. We are publishing our next newsletter in the 2nd Quarter and would like copy by March 19th. Please send copy and photos to Michael Masenior at ampmgt@aol.com or mail to our headquarters: IMDA 9574 Deereco Road, Timonium, MD 21093 USA

**Future dates of publication: 2nd Quarter: copy needed by March 19th, 3rd Quarter: copy needed by June 18
4th Quarter: copy needed by September 17**

“Knowledge is Power and Sharing is Empowering”

CannedWater4Kids

Wonderful progress has been made with the initiatives of the nonprofit CannedWater4kids. Founder Greg Stromberg advises that the organization is very active and is receiving much needed support. As a result, in 2009 they were able to donate money for various water projects to Unicef (unicef.org), Greater Cincinnati Foundation (csdw.org), United Nations (UNHCR.org), Engineers without Borders (ewb-usa.org) and World Vision (worldvision.org). They also helped donate funds from our sales to complete a well for Harmony Vineyard Church who supports Calvary Christian Church & Ministries in Zambia, Africa. Canned Water4kids was nominated by Beverage Innovation as one of the entries in the Best Ethical Initiative Category. They also became involved with West St. Paul Mendota Heights Egan School district replacing plastic water bottles with cans which they used in their concession stands to promote more eco friendly containers.

CannedWater4kids sold over 100,000 cans of water last year with most of the sales coming from David Giordano, South Chicago Iron & Scrap. David gave his customers, mostly low income, food and canned water in the heat of the summer.

Their last project was partnering with “Engineers without Borders” from the University of Wisconsin and helped fund a purification plant which they built in the highlands of Guatemala.

CannedWater4kids is presently working on shipping 100,000 cans of water to Haiti to help with the relief efforts in that devastated country.

Greg stated that they expect an even stronger 2010 with sales, donations, and our can industry supply chain. They will continue to work with Engineers without Borders and another non-profit organization: www.aidmatrix.org.

If you wish to help with the efforts of this worthy organization, contact www.cannedwater4kids.org.

ASK A. DUCTOR, MD (metal decorator)

Dear Ductor, The canmaking industry is celebrating 200 years of excellence. What can you tell us about the beginnings? Signed, Ken Opener, Atlanta, GA.

Dear Mr. Opener, A. Ductor wasn't there to eyewitness such a revolution, but I'll quote Charles Bragdon from his 1961 book "Metal Decorating from Start to Finishes."

The Beginnings

It was in 1810 that almost simultaneously in France and England, Nicholas Appert and Peter Durand first announced the use of sealed containers to keep food for long periods. Appert in that year received a prize of 12,000 francs from Napoleon for his book describing a process he had developed, employing glass jars or bottles. Durand obtained a British patent which covered not only these, but also "tin canisters."

Fifteen years later Thomas Kensett, a Baltimore packer and Ezra Daggett received a U.S. patent for preserving food in vessels of tin or glass. A competitor in Massachusetts was William Underwood, formerly with the London firm of Mackey & Company, who had sailed to New Orleans in 1817, and finding little encouragement there had traveled on foot to Baltimore, and had reached Boston two years later. Underwood (whose Deviled Ham is so well known even today) and Kensett both changed from glass to tin in 1839.

In 1842 Isaac and Nathan Winslow had a can factory in Portland, Maine, then a center for the food-preserving business. Cans were made slowly, by hand, sixty a day was a good turnout for a man. The circular tops (with a filling hole about an inch and a half in diameter in the center) and bottoms were cut out with shears, and soldered to the body with the aid of a zinc chloride flux. After filling, the can was closed by soldering a slightly larger tinplate disc over the hole. Manufacture of these "hole & cap" cans was speeded up by Taylor's invention in 1847 of a drop press for stamping ends, later of a combination press which cut out and flanged the ends and made the filling holes in one operation; and in 1858 by adoption of a system of rotating the seam edges of the inclined cans in a solder bath to fasten the ends in place. Output per man rose to about one thousand per day. The lock seamer, to form the body, and automatic soldering of ends followed in 1869 and 1876. An entirely automatic can line was started in 1883.

In 1863 two brothers named Libby had teamed up with Archibald McNeill in Portland to put up barreled meats, and five years later, with a capital of one thousand dollars, they formally launched the firm of Libby, McNeill, & Libby. It was not until 1872, however, when they had moved to Chicago, that they developed a method for canning corned beef and other meats. They later improved and extended it to the canning of salmon, fruits, vegetables, pickles, and condiments. It was in this period, in 1869, that Joseph Campbell and Abram A. Anderson established the canning firm of Anderson & Campbell in Camden, New Jersey. It specialized in choice vegetables and later to include many other vegetables, preserves, salad dressings, etc. Incorporating in 1892 as "Joseph Campbell Preserve Company" it numbered around 200 food products on its lists. Ultimately, soups became their largest product line.

Sanitary Cans

In 1898 Charles M. Ams and Julius Brenzinger of Max Ams Machine Company developed the first open-top cans, of the type almost universally used today (1960). The sanitary cans, as they named them, had a soldered lock-seamed body, with ends crimped on and hermetically sealed by means of either paper gaskets or a sealing compound. The can-making line, as it developed at this period, included twenty or more automatic machines, which first slit the sheets to size, then notched, edged, formed, hooked, seamed, fluxed, soldered, and cooled the can bodies at astounding speeds (three hundred to four hundred and fifty cans per minute), then flanged them at the ends, attached the bottoms (which had been formed and treated with sealing compound on another line) by double-seaming rolls, and finally tested them for tightness of seams by vacuum or compressed air.

Decoration

None of the hole-and-cap or open-top sanitary cans used by canners for wet packs carried any organic coating or decoration up to the year 1903, although many dry food items such as candy, tea, coffee, spices, etc had for some time appeared in beautifully lithographed containers, and the drug, tobacco, petroleum, shoe-polish, and other industries were beginning to decorate their cans.

A. Ductor, MD will continue to tell the story of our history in future newsletters. Stay tuned.

RESOURCE GUIDE

We will be publishing a resource guide in future newsletter issues. The following categories will be listed and companies and their contact information will be provided. If you wish to be included in the resource listing, please complete the form below and fax it to 410-628-8079 or email ampmgt@aol.com. Following are the categories to be listed. If you wish to add a category, provide that information on the form.

- Anilox Coating
- Blankets
- Bodymakers
- Can Washers & Chemicals
- Coatings, Lacquers, & Varnishes
- Coating Lines
- Coating Rollers
- Coil Lines & Parts
- Consultants
- Double Sheet Detectors
- Electro Coaters
- End Making Systems
- Equipment Installers
- Flat Sheet Press Lines (New)

- Inks
- Ovens Flat Sheet
- Ovens Two Piece
- Press/Coater Cylinder Repair/Replacement
- Quality Testing Equipment
- Spare Parts—Coaters
- Spare Parts— Ovens
- Spare Parts— Press Lines
- Steel Service Centers
- Tooling
- Two Piece Decorators (New)
- Used Equipment Dealers
- UV Equipment

Resource Guide Submission Form

Category to be listed: _____

Company: _____

Address: _____

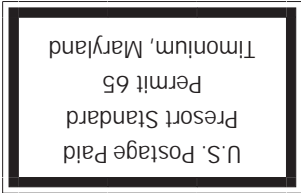
City: _____ State: _____ Zip/Postal Code: _____

Tel: _____ Fax: _____

Website: _____ Email: _____

Products Offered: _____

Submitted by: _____ Date: _____



INTERNATIONAL METAL DECORATORS ASSOCIATION
9574 DEERCO ROAD
TIMONIUM, MARYLAND 21093
USA

14th Annual EXCELLENCE IN QUALITY COMPETITION

Call For Entries



GRAND AWARD
Ohio Art, Bryan, Ohio
100th Anniversary Container

We will once again conduct our Competition in May, 2010. We have sent out entry forms to those who participated in the past and to those perspective companies who we think should send entries. Now is the time to gather all of those award winning decorated products to submit into what we would like to be, our best ever showcase of what the metal decorating industry has to offer.

We will showcase the entries at this year's convention and we will honor the

winners during our Awards dinner on Thursday evening, May 27th. For a complete listing of our 2009 category winners visit our website.

You can also download an entry form from our website: www.metaldecorators.org.