2009 VOL. 2 ISSUE 3



WOODWORKING CRAFTED CUSTOM HAND

2009 Phase III

- Editor's Blog
- Its About Time for TV!
- Sustainable Furniture
- Wood Porn
- The Kayaking Commissioner
- Klise Mfg gets FSC Certified
- Finishing Artemis
- Chip Chats Feature; Safari Chest
- Revitalizing Golden Oak
- Kim's Picks
- Slide Popularity
- Green Market Day
- The Solar Tree Project
- Green Sawing
- Framing Papers Finished!
- Sticking to Home Schooling
- Blog Topics



The sticks are picked ... the 1st "Walk for Pat" commission is underway! on May 15, 2009 in Artisans' Causes, Walking Sticks | 0 Comments

D By E

We've just confirmed the first commission under our "A Cause for Walking Sticks" initiative! This is a very special commission for four hand crafted walking sticks by Stanley D. Saperstein; four uniquely personalized gifts that beyond the artistic and forthcoming sentimental value will convey our client's desire to support Rory Fanning and above all the Pat Tillman Foundation.

We can't release too many more details about the sticks just yet as these staffs will be gifts, and only a few people are aware of the game-plan at this point. I think it's safe to say our client comes from a family filled with football players and soldiers; and they are all obviously aware of the sacrifices made on the behalf of freedom. We were very excited to kick off our small part of the Walk for Pat fund raising efforts with not one, but four sticks!

We'll keep you posted as this project progres ses, and meanwhile we encourage each of you to find your own way to help. Please feel free to submit your thoughts and ideas as a comment here, we'll make certain to forward them to Rory or post your comments directly to his blog or website.

> "Pat is an example current leadership can take the greatest lesson from. To have unlimited comfort and security, only give it up for the pain and toil of greater cause is epic. We need those who were closest to Pat, to find more like him. The headlines continue to make this obvious. Please continue to support this walk and the PTF by spreading the word. Pat Tillman's memory must live on." -Rory Fanning

Recent Posts + The sticks are picked ... the 1st "Walk for Pat" commission is Artisans is on SideShare - Are . Cane News - The Cane & Walking Stick Magazi . WTF7 (um ... the politically Flattery or Theft? . Bob Eigenrauch - Mas Chainsaw Carve · Pigeonpie Films & Photograph by Richard Ondrovic and Lise • TOOL Includes Artisans as Feature Artist ... Hopewell Greenmarket Day Subscribe to our RSS Feed Photos - April 18, 2009 . The Status of Rory Faming's ..... Walk For Pat Tillman Artisans' Links Rosemary's Gettysburg Addr. Presented to President Obama Artisans of the Valley Categories Articane ClideChars D Custom Walking Sticks · Artisand' Causes + The Latest Artisans Quar

This is where I generally ramble about what's coming. What's interesting is this quarter's ramble proclaims the coming of more rambling! Artisans now has a new place to ramble, babble, complain, explain, exclaim, announce, or otherwise disperse a deluge of mind dumps into in a semi-structured online platform. In other words, Artisans is going to start a blog.

We're not 100% sure what we plan to do with it yet, but then again, nobody really knows where their blog will lead. Blogs are interactive, allowing for comments and feedback. We'll be adding a woodworking and restoration O&A board as soon as we figure out how to configure it, along with a few other new features. In preparation for our blog launch, we've migrated our entire website to a new dedicated server. We have plenty of space to expand, and room for even more

websites!

Please stop in, digg around, blog a while, maybe tweet a bit, and by all means bookmark it!

#### Visit Artisans new blog at: www.artisansofthevalley.com/blog/

#### Ітѕ Авоит Тіме FOR TV!



Artisans of the Valley will be featured on EBRU-TV this September. Host Yakenda McGahee and her crew spent a day with us to experience the art of hand carving, discuss various aspects of the artistic nature of furniture making, and learn how the craft of woodworking has been passed on through generations. We will be releasing a special edition of our newsletter and announcing the details on our blog, so stay tuned for more information!



# SUSTAINABLE FURNITURE REQUIRES SUSTAINABLE LUMBER

PAGE 2

Green is still the in-thing, even after a whole three months since our last issue. All kidding aside, our global natural resources are stretched beyond their limits. In our last issue we discussed furniture restoration as a green alternative to replacing your existing furniture. We discussed restoration procedures using VOC compliant chemicals while reducing reusable materials venturing off to the landfill. We also commented on restoration reducing the need for new raw materials and all the associated production and transportation resources involved.

So what happens when there's nothing to restore? This time we're going with the assumption that restoration is not an option, a new piece of furniture is required. Well, there is absolutely no need to feel bad! Just because you commission something new doesn't mean you're suddenly an environmental terrorist! There are a variety of options that allow us to provide our clients with new environmentally sound furniture and artistic carvings.

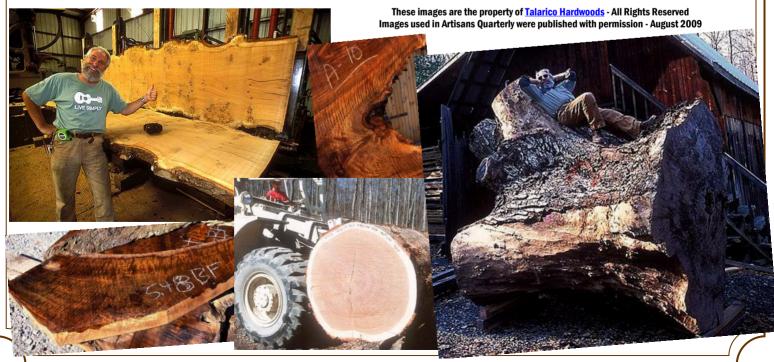


Sam Talarico & Stan Saperstein

Sustainable forestry practices ensure woodworkers have a future. It is our responsibility as craftsmen to not only pass on our skills but leave behind a planet where our apprentices can sustain their trade. Artisans is striving to ensure that all our lumber suppliers purchase from sustainable sources. Our goal is that the tree that supplies the materials for your project is either replaced with a new tree through select cutting and replanting under the close supervision of forestry management specialists or the tree comes from a local harvest where the cutting was necessary and imminent.

Custom commissions and antique restorations require specialized materials. Our search efforts are mitigated by our relationships with an assortment of specialists who assist in getting what our clients need. With over 30 years in the lumber business, <u>Talarico</u> <u>Hardwoods</u> is among our armada. Talarico is known for milling the highest quality, and best selection of Old-Growth Quartered White Oak you can find. They boast a consistent inventory of English and Scottish brown oak, curly walnut, and burl sycamore. Based in rural Mohnton, PA the Talarico family's appreciation for natural beauty and mission-style furniture drives their acquisition of these hard-to-find, big, old-growth logs while inspiring their mill to produce the highest quality lumber.

Sam Talarico is passing the business to his son Clint, along with his appreciation for our environment and a real world knowledge of conservation and sustainable forestry practices. Their inventory is purchased from reputable loggers and log merchants including FSC & PEFC certified lumber, and Pfalz Forest Oak logs which originate out of Enduring/Protected forest culture areas. They have a knack for finding select cuts from private lands, estates, and urban locations for both domestic and European logs.



<text>

Talarico's lumber is worthy of a center-fold layout, thus they coined the phrase "<u>Wood Porn.</u>" In tribute, we've decided to dedicate a full page spread in our newsletter to give their wood an opportunity to bare it all. With lumber, true beauty only comes with age, commonly known as "old-growth," so there will be no air brushing to cover up the rings.

Artisans will be continuing to source our materials from sustainable and local environmentally sound sources including approved lot clearing, local forestry management cutting, and natural tree falls. We'll be happy to provide our clients with a project inventory and material safety data sheets defining the origin of lumber, hardware, and finishing materials.



Wood Porn images are the property of <u>Talarico Hardwoods</u> - All Rights Reserved Images used in Artisans Quarterly were published with permission - August 2009

# -

AGE 4

#### THE KAYAKING COMMISSIONER

The characters involved in the events of life each play a roll professionally, personally, and individually. Finding the right gift to invoke praise and pride in the achievements of someone in your life is often daunting; this doesn't have to be the case. When you engage an artist like Stanley to create a personalized piece for an individual, an act that often takes place as a clandestine operation to avoid spoiling the surprise, the artist has to gather details, facts, figures, and notations that allow him to generate an image of the person in his mind.

Artisans was recently commissioned to create a commemoration gift for Chris Clark, recently appointed Commissioner of the Georgia Department of Natural Resources (DNR), a man who is obviously an outdoorsman

at heart, and an avid kayaker. The commission was to reflect his love for the outdoors, and portray a character obsessive about his devotion to our natural resources. The basswood & poplar hand carving, another custom Stanley original, features Commissioner Clark positioned securely in his yellow sea faring kayak; glancing down at the shark fin and gator eyes protruding from the water. We were informed this trio has had a few encounters ... and that Commissioner Clark survived the day to tell the tales!

"Chris has demonstrated his talent and commitment to Georgia's citizens during his tenure as Deputy Commissioner of the Department of Economic Development and as Executive Director of GEFA," said Governor Perdue. "I appreciate Commissioner Holcomb's long service to this state, and I am confident Chris will continue the Department's legacy of being a champion of preserving our most precious resources." - Georgia Governor Sonny Perdue

Eric & Teri have both enjoyed Georgia's plentiful natural resources; you may remember their stop in Millwood for a boar and turkey hunt at <u>The Gopher Plantation</u> in April of 2008 (Shown Right.) No date has been set yet, but they plan to return for another crack at the turkeys, to take home another boar or two, and to partake of some home cooking brought to the table with southern hospitality.



The travels of Eric and Teri also brought them through <u>Georgia Wine Country</u>; concentrated in northern Georgia. They sampled a variety of wines, and brought home more cases than they should probably admit to consuming. Bounties also include an array of peach preserves, some cider, and a

variety of fresh nuts. We should also note that <u>Vidalia onions</u> grow only in Vidalia County Georgia, chefs everywhere (including Eric) rely heavily on this specific Georgia natural resource.

What makes a simple kayak so important? Preservation of our natural resources, wildlife, plants, habitat, aquatic environments, minerals, air... Really everything that makes our planet hospitable to life is OUR responsibility. Yes, he is qualified, he has the education, clearly the experience, and the support of Governor Purdue. The thing is, we (hunters, fisherman, boaters, campers, everyone who's lifestyle, even their living, don't really base our confidence on a <u>resume</u>. We take our breath of assurance from the fact that the new Georgia DNR Commissioner has a passion for outdoor sports. The fact is nobody masters kayaking unless they are obsessive about an outdoor lifestyle; so from this we derive that we have an ally at the reins.



"The mission of the Department of Natural Resources is to sustain, enhance, protect and conserve Georgia's natural, historic and cultural resources for present and future generations, while recognizing the importance of promoting the development of commerce and industry that utilize sound environmental practices." - Georgia DNR

#### KLISE MANUFACTURING GETS FSC CERTIFIED!

PAGE 5

The Forestry Stewardship Council (FSC) is chartered in short to protect the world's forests. These are not people chaining themselves to trees or laying in front of bulldozers, the FSC is a qualified group that is scientifically driven to achieve the goal of sustainable forestry. What is sustainable forestry? Simply put, they (we) want the forests to exist as a natural and economic resource indefinitely. Those of us in the woodworking industries obviously require, can anyone guess? ... Wood! ... Without wood, we are out of business and our art-forms and trades cease to exist. Therefore industry and environmentalists are partnering to ensure our future. A careful balance of harvest and preservation, reforestation, management, and general usage is required to achieve this end.

Artisans is pleased to announce that Klise Manufacturing is now FSC certified. You may have heard the term "Chain of Custody" before, most likely the last time you watched an episode of CSI. FSC Certification begins with the establishment of supply chain, manufacturing, inventory control, and shipping procedures that facilitate the movement of raw lumber and finished products through their lifecycle and delivery stages. This establishes a clear chain of custody, each step from the forest through the delivery to the end user is registered, and traceable.

Klise is our source for over 5,000 unique, high quality, solid wood machined and hand carved products including moldings, corbels, appliqués, rosettes, panels, columns, feet, and other unique items. Tracy Sianta, Director of Marketing and Sales for Klise, plays an active role in our industry's environmental relations, she serves on the board of the West Michigan Forest Products Society (Great Lakes Region) and is responsible for ensuring that Klise does their part for sustainable forestry.

At the first stages of manufacturing wood products, an FSC Organization ensures that their raw materials are obtained from FSC certified lumber yards; sourcing is allowed from other venues but materials bearing the FSC logo cannot intermingle with materials from other sources. The manufacturing and inventory procedures are all geared towards ensuring that FSC sourced material is tracked and segregated through every process. Any break in the chain of custody, and the product can no longer bear the FSC logo.

Let's review case in point: Artisans of the Valley is not (yet) FSC Certified. We therefore cannot handle a wood product, made by Klise or anyone else, in our shop and still proclaim that it is FSC Certified. Artisans would therefore stay outside the handling process by requesting that Klise drop ship all products requiring an FSC Certification directly to the end user.

That said, a drop ship won't make sense for small items that will be intertwined into our commissions, as the FSC Certification must be proven against ALL materials in a given commission before it can be stated FSC Certified. We can assure our clients that we are purchasing our lumber from various sustainable and local sources, and are actively aware the need for good forestry practices in our industry.

When does a drop ship make sense? Well it should be obvious that repeatedly transporting the same goods, especially if the route involves back tracking, is wasteful in both cost and resource usage. Therefore larger orders, say 1,000 feet of molding to California, are shipped from Klise (based in Michigan) directly to our client in California. New Jersey may be the garden state, but we're thinking the molding really won't be too upset when it skips the site seeing expedition!

FSC Certification comes with an ongoing responsibility. Annual audits are required, and periodic inspections or verifications may be conducted. Organizations are required to maintain clear and concise record keeping and to present all chain of custody documentation to a client upon request.

Klise is pioneering their industry to the next level of environmental consciousness. This is an important milestone in their commitment to sustainable forestry. We will keep you posted on our activities surrounding certification programs, how our affiliates and suppliers are achieving their environmental goals, and in general with news and updates from the woodworking and artistic industries. There's still a lot of green left on our planet – let's do our best to try to keep it that way!

Contact us to request our CD-Portfolio, it will include a catalog of all of the Klise Products we offer!



"FSC" is a trademark of the Forestry Stewardship Council. Representation here is based on the credentials of Klise Mfg.

## TODL UPDATES

Artisans of the Valley was chosen as one of "Kim's Picks" for the Trade Only Design Library's <u>TODL</u> Green section. Kim Gordon, LEED AP is Green Director for the world's foremost designer's library. Artisans joined TODL in November of 2008, specifying over 50 of their custom commissions and restoration services to provide examples of their work to interior designers around the world.

Kim reaches out to all of TODL's membership to promote environmentally sound business practices, products, and design. Her influence includes helping artists and manufacturers learn about, and implement a variety of environmentally sound cost effective practices that provide for marketing opportunities.

Kim has a B.S. in Environmental Science and over fifteen years experience in the

eco-industry. Her track record can be measured in the growing number of designers specifying green building materials, finishing supplies, and furnishings for their projects and the increasing participation of manufacturers and artists in meeting these project requirements.

Check out Kim's Picks & TODL's public pages at: <u>http://todl.com/public/insidegreenproducts</u> Contact her at: <u>kim@todl.com</u>

In the meantime Artisans restoration services were announced in TODL's green products broadcast July 7th, then May 5th and June 9th TODL featured Artisans on their home page and with a showcase email broadcast that reached 47,000 of their members. In total our TODL campaigns to date have topped 2,500 designer leads adding Australia, Azerbaijan, Costa Rica, Guam, Ireland, India, Jamaica, Mexico, The Philippines, Peru, Singapore, Tortola, and Qatar to our list of international inquiries.



V-Concure History

PAGE 6

More Products [+]



TODL.com's commitment to the environment and the specification of sustainable products continues in this showcase of green products. Please visit these collections for the eco-inspiration to help you easily incorporate green elements into your next project.

In our 2009 1st Qtr Issue we mentioned our discovery of and subsequent intentions to proliferate <u>www.slideshare.net</u> with, well, anything we can think of to post and draw more attention to ourselves. The evidence (the counters) show that our efforts to reach

an additional audience is working,

What we're short of is comments, which are designed to spawn discussions and build the credibility of presentations. Thus, we're taking steps to make Artisans Quarterly more interactive by asking all of you to visit <u>our Slidespace</u> and post your comments and reviews of our content. You'll find our presentations under <u>http://</u>www.slideshare.net/esaperstein

# SLIDE POPULARITY









# ARTISANS QUARTERLY REVIEW

#### FINISHING ARTEMIS (PART II OF II)

Our last issue foretold the birth of Artemis, a custom hand made chef's knife for Eric's collection by New Mexico knife maker <u>Jay Fisher</u>. If you're new to Artisans Quarterly, check back to <u>Vol. 2</u> <u>Issue 1</u> for the introduction to this two part article.

We left off with a blade ready to undergo the hardening process. Shown left, the tempering process is now complete so the blade is subjected to a final test. Hardness testing utilizes a diamond stylus to penetrate the blade. Under 330lbs with a secondary 150kg load applied, Artemis tallied up with a 59HRC. All that technical babble translates into one extremely tough and durable piece of metal.

So, now what? A knife blade is only one piece of the puzzle, bolsters are another group of pieces and mounting them comes next. "Bolsters do exactly that, they bolster the blade's strength in the critical areas: the handle to blade junction, and the rear or butt of the knife where heavy blows or impact require reinforcement. The bolsters also help to protect and mechanically secure the handle." - Jay's Knife Anatomy Page.

Artemis' bolsters are mounted using a process where zero clearance 304 stainless steel pins are driven through both bolsters and tang, then peened with "vigorous energy and impact" yielding a permanent, rigid assembly. Shown left, the blade meets its bolsters. Below, Eric's knife is featured with an <u>assortment of tactical knives</u> that by the time this article releases will likely be in the hands of our soldiers and emergency teams around the world. Jay takes an appropriate pride, and a confident but humble position, when a soldier commissions a knife; a knife that one day his life may depend on.

"The world's elite clandestine rescue and tactical squads seek his weapons. Their lives depend on "Jay Fisher Custom Knives"- the best quality knives in the world." --Bernardo M. Perez Deputy Assistant Director - Ret. FBI Laboratory Washington, D.C.

Handling this beast of a blade raised the next decision and leads us to a mastery of materials that sets Jay apart from the rest, he happens to be a lapidary. Very few knife makers use, let alone almost exclusively employ, gemstone to craft handles. The material is often misunderstood, even coming as a surprise to Eric as the best choice. Gemstone is simply a term defining rocks we as a species deem valuable or precious. We justify the basis of value on rarity, each stone being subject to grading by quality of color, inclusions, weight, density. When translucence is a factor, such as with diamonds, clarity is an important determinant in value.

Unlike wood, ivory, bone, or even modern plastics, gemstones are impervious to everything found in the kitchen. Steel and stone are molecularly similar; their common base elements consist of carbon, iron, chromium, magnesium, selenium, silicon, tungsten, molybdenum, and phosphorus, among others. This elementary structural continuity between handle and blade result in a synergy in thermal coefficient. (Jay's Gem Handles Page)

OK, yeah so we stole from Jay's site, can you blame us? It sounds really cool, and we couldn't write it better. Translation, a stone handle and a steel blade will expand and contract uniformly, eliminating the strain on the joints common to mismatched materials. Bottom line, it's very unlikely the handle will ever fall off. Chances are the tip of a steel blade will break before a stone handle will ever shatter. Scratching a gemstone requires silicon carbide or diamond, so unless you're planning to smack

around a diamond, the handle will remain flawless for generations of use.

"The process of making the gem handle is brutal on the stone, and if it's going to break, it's going to happen then. Grinding stone is the most gut-wrenching, nerve-rattling, teeth-chattering experience you would ever want to have,

> Images courtesy of <u>www.jayfisher.com</u> all rights reserved. Published with permission.



#### ARTISANS QUARTERLY REVIEW







Jay's confidence gave no doubt that gemstone is our choice, but that left Eric with over a year to ponder thousands of colors and textures. The final choice is Red River Jasper, a selection that only clarified itself when the blade's shape and scale was realized. Red, the glow of the forge, blood drawn in a hunt, and the shimmering hardwood coals of a hearth; there's a definite continuity.

Shown above, the handle sections are cut from the stone slices and carefully fit into place. Next comes hours and hours of grinding and polishing.

The last remaining design decision was the sheath, or in the case of a twelveinch blade, let's deem it a scabbard. Wielding this beast may flash us all back to the famous NYC mugging scene in the first Crocodile Dundee movie. "Sheath: You can bet this special knife would have a stunning sheath, so I created this unique art in leather and skin." - Jay fisher

Crafted in 9-10 oz. leather shoulder, for durability, and accented with handcarved inlay areas to set off the burgundy Ostrich Leg skin; Jay used broad, bold pieces of the skin, designed to accentuate the large scale pattern nicely. Jay's attention to detail is echoed in a profile and belt loop following the form of a hunting bow. The massive belt loop and edge welt are stitched with tough black nylon in a zigzag pattern for great strength and to match the tension bindings on the sheath. The bindings are red suede leather, mounted to hint at Artemis' bow strings, accented with hand-formed copper rings.

The sheath has a brass snap at the flap, which secures and completely covers the knife handle for protection. Final treatment of this dyed leather is a lacquer seal. The perfect final touch is a custom matching embroidered and double-stitched cotton-poly blend storage bag for convenient carry and to ensure the sheath remains in pristine shape.

Images courtesy of <u>www.jayfisher.com</u> all rights reserved. Published with permission.



A knife like this is an amazing display of craftsmanship, and although worthy of a pedestal, to worship it in a case is to a waste an implement literally forged for durability equivalent to its artistic form. Even saving this knife for special occasions would be deprivation, and why should Eric subject himself to that?

Eric's plan is simple, put the knife to daily use. From the day it arrives, its monetary value will be forgotten, he will test it, he will maintain a razor's edge, and he'll proudly subject Artemis to what will give any strict knife collector, any collector, a migraine.

Just a thought ... what if Eric wrote like he speaks? As luck would have it, he does. So let's randomly change directions in the middle of an article, then loop it back to derive a logical conclusion. Can you imagine a time a

#### ARTISANS QUARTERLY REVIEW

#### CHIP CHATS FEATURES ARTISANS' SAFARI CHEST



We've continued our appearances in the <u>National Woodcarver's</u> <u>Association's</u> "Chip Chats" magazine. The March-April issue features our hand carved solid cherry safari chest. A unique original design artistic commission.

#### View the Article Online Now!

few hundred years into the future, one night someone wanders the internet, searches the <u>Wayback Machine</u> and turns up our newsletter? With a little research, and lets hope a large investment, perhaps they will reunite Artemis with one our gothic tables. They could then prepare a great banquet, and cross the paths of two artists long after our ashes return to ashes ... (Or maybe metal shavings and sawdust?) This interlude may seem an oddly nostalgic fantasy of aspiration. Then again, if you think about it, collectors and historians spend lifetimes completing their quests for a complete collection. Those artists that aspire to deliver an ever improving quality and longevity within their work are the ones that provide the objects of desire for future generations.

The legacy of an artist stands through time only when their work survives long enough to reach the hands of furniture generations. Eric, Teri & Stan produce furniture, carvings and sculptures burned with their signatures. When their skills are recognized by a value placed by antique collectors of the 22nd century, their work will have succeeded in extending their presence in this world beyond their time. The final product of Jay's labor is likewise far from an ending; Artemis, branded with Jay's mark, is destined to endure through generations. A great chef's knife is not a tool, but more an extension of a chef's hand; Jay's immortality transitions through Artemis into culinary artistry, indulging thousands of palates by <u>crafting countless feasts</u>.



"It gives me great (if somewhat apprehensive) satisfaction that ninety percent of the pieces I make will still be admired centuries after my bones are dust! They will, however, continue to appreciate in value. Unfortunately, I won't be able to benefit from that"

isher

Jay Fisher - World Class Knife Maker: Featured Custom Knives www.jayfisher.com

#### REVITALIZING GOLDEN OAK

PAGE

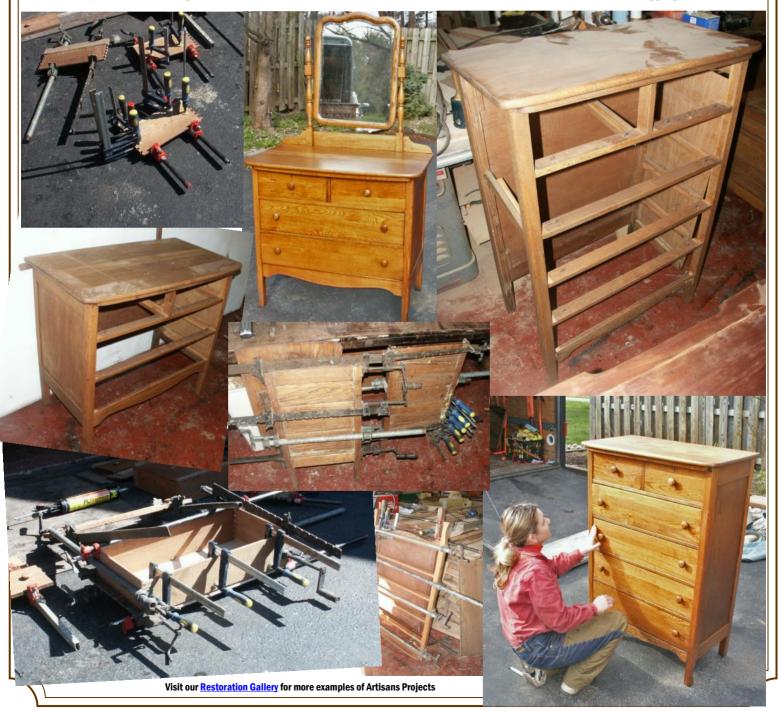
10

Those of you that follow Artisans Quarterly have already seen several golden oak restoration projects featured. The thing is, we're just not tired of restoring this type of furniture, nor are we tired of featuring the projects in our newsletter. Golden oak furniture always provides an amazing transition project after project.

Golden oak furniture ranges from highly ornate gothic style carvings with griffins, lions, paws, claws, and acanthus leaves to the more simplistic and basic mission styles. This recent restoration is a basic Arts & Crafts style, arriving in the same condition as many of its cousins, it was falling apart!

The pieces are broken down to their basic components and the finishes are removed to start the process. All the joints are separated, cleaned, and then the framework and cases are reassembled. Cleanup of all the excess glue is followed by two coats of shellac, then four coats of satin Waterlox tung oil varnish.

As you can see, these dressers have completed Teri's final inspection and touchup (bottom right.) The two pieces are ready to serve another generation. Remember, the cost of restoration remains far less than replacing a set like this with a new one. Every restoration preserves existing milled lumber and extends its functional duration, that means less demand for logging!



#### GREEN MARKET DAY

April 18, 2009 was Hopewell New Jersey's <u>Green Market Day</u>. Artisans of the Valley joined the event this year to help promote the use of sustainable lumber and remind everyone that furniture restoration is environmentally friendly. We met a lot of new people, and of course ran into several clients, friends, and local business owners. All said and done, a successful day!

#### THE SOLAR TREE PROJECT

One of the most unique concepts to be on display at Green Market Day is known as <u>"the solar tree project."</u> Sculpture artist <u>Rein Triefeldt</u> (shown bottom right) creates kinetic (active) sculptures, art with movement. Certainly moving art is not a new concept, but what about if the sculpture operates with its own self-contained solar or wind power station?

The next step is the real revolution in art technology, Rein's creative talents and environmental concerns drove him to design pieces that would produce a surplus of electricity. The simple concept of a solar tree is a sculpture, public or private artwork, that is visually pleasing while actively functioning to provide energy.

The proposed full scale tree for California's North Hillsborough Elementary school will weigh in at 10,000lbs, covering 30' x 26' x 24', yet scalable larger or smaller, is constructed of stainless steel, or marine-grade bronze and is capable of producing electricity to power 2 average energy-efficient American homes. Connected to its local power grid, energy produced by the sculpture would receive energy credits.

A monitoring system collects information about solar energy production from the sculpture that can be displayed on a touch screen kiosk. The kiosk displays more than 50 reports including current and total power output and pollution savings in tons of reduced atmospheric greenhouse gases.

Shown bottom left, the "Solar Butterfly" electro-mechanically flutters its wings, operating entirely on solar power. The wings are treated with an optical hue shifting pigment, enabling their color to subtly fluctuate with changes in position or light. The movement and color fluctuations impart a constant visual interest from any perspective.

"Stellarator," shown bottom right, was a creative collaboration between kinetic sculptor Rein and Dr. Rob Goldston, Director of the Princeton Plasma Physics Laboratory at Princeton University. The 16' structure represents Stellarator – a mechanism used to confine hot plasma with magnetic fields in order to sustain a controlled nuclear fusion reaction. The pink shape represents the plasma. The juniper

tree represents the helix, the center magnetic coil of a stellarator. The tree is inverted, spiraling, live and fully irrigated. Lastly, the structure represents the housing of the stellarator.

PAGE 11

Check out more of Rein's work at:

http://www.triefeldt.com/



"Rein Triefeldt's Solar Vision is a powerful new direction for public art." -Sculpture magazine, December 2003

Images of Rein & his work were Published with Permission August 2009 All Rights Reserved





Photo by Greg Stefan

# Green-sawing

ARTISANS QUARTERLY REVIEW



When we start discussions about the environment the topics often include wildlife habitat, hunting, fishing, and preservation of open space. Everyone is always quick to have an opinion, but most people unfortunately end their efforts with the exercise of their vocal cords. What we'd really like to know is ... "How are you part of the solution?"

Anyone can raise their hand and say they care, but actually being part of the solution, actually implementing conservation and preservation efforts instead of just supporting them as abstract concepts. <u>Eric Saperstein, Artisans' Master Craftsman</u> (shown left) is a member of <u>Clover Rod & Gun Club</u> of Hunterdon County, NJ. Clover is actively engaged in a variety of state and federal programs including forestry management, wildlife habitat preservation, and grasslands preservation.

The club owns approximately 250 acres, and leases about another 200, carrying the responsibility for maintaining most of the state and federal requirements placed on these properties to sustain them as wildlife habitats. Every year our forestry specialists visit the property and provide recommendations for management. These plans often include selective cutting, a process that often requires removal of overgrowth allowing the harvest of mature trees reaching the end of their lifespan in turn releasing resources such as sunlight and soil nutrients to younger trees. We also often remove trees concentrated in close proximity with each other, leaving the healthiest intact, to increase the chances of younger trees reaching maturity.

Wood harvest is taken for firewood, lumber, and rustic cedar fence posts. The treetops and braches are placed in brush piles to create habitat for birds, rabbits, and a host of other creatures. Areas that are reclaimed from first growth forest and returned to farmland are planted with a variety of grasses and clover that provide for wildlife food and habitat. We maintain our ponds to provide a year round water source for all the wildlife on the property, as well as for a fishing & recreation area.

Clover is part of NJ's "Switch grass" program, which is investigating the growth of this sugar rich grass as an alternative raw material for the production of ethanol. Grass, unlike corn, continues to grow after each cutting and the entire harvested section of the plant contains the raw sugars required for the fermentation of ethanol. Unlike corn ethanol, the production of alcohol from switch grass is does not disrupt our food supply.

Clover provides rabbits, deer, fox, coyotes, raccoons, squirrels, pheasants, turkeys, wood ducks, and many others species of migratory birds. The management and carefully planned harvest of wildlife and plant life leads to a healthy balanced population of all species. We work closely with the <u>NJ Division of Fish & Game</u>, <u>NJ Federation of Sportsmen's Clubs</u>, foresters, biologists, and others specialists as required to develop and implement our land and wildlife management plans.

It takes more than just believing in something to make it a reality. So don't freak out when you see a chainsaw, because hugging a tree isn't always the best thing for the environment! Even if you don't know how to run a chainsaw, you don't own a tractor, and farming isn't your best skill, there are plenty of things you can do to give a head to projects in your area. Check with your local parks service and state wildlife resources to find out what you can do!







#### FRAMING PAPERS CONTINUED

Those of you who follow our newsletter already know that Eric decided to commission a hand illuminated parchment. This parchment commemorates the transition of Artisans of the Valley and the completion of his tenure as a journeyman which formally established his certifications and status as a Master Craftsman. Well, Eric managed to get a personal project done in a reasonable timeframe. All it took was some motivation and a deadline for a TV shoot!

Eric, Teri, and Stanley all worked on the design, construction, carving, and finishing of the custom New Wave Gothic shadow box frame to display the parchment, a true work of art <u>Rosemary Buczek</u>. What these artists did not possess was the knowledge, technical skill, and the required equipment to properly mount the parchment within the wooden structure.

For this task we commissioned Marc Udell of <u>The Queenstown Gallery</u> (Pennington & Hopewell, NJ) to install an acid free suede background and employ the appropriate museum style tactics to fix the parchment in place. To give you an idea of why we all stay in our niche; Eric's original idea of flocking the interior of the piece was quickly shot down. Marc issued the reminder that

flocking isn't acid free; this confirms the value to an extensive network of artists and craftsmen who combine their unique skills to complete the highest caliber of projects.

The backdrop acid free suede mounted to a foam board backing and secured into the shadow box. Our traditional rope moldings were put in place around the perimeter of the suede mat board, and the parchment was glued into place using a proprietary silicon adhesive. The face of the frame wraps a panel of museum glass, providing 99% UV protection and an almost invisible presence. The completed shadow box protects and draws the eye towards the parchment. This piece is proudly hung in Eric and Teri's home.

#### STICKING TO HOME SCHOOLING

Home schooling is more common than most people are aware; it's a tactic many parents are now taking to ensure their children receive a high level of education. In the past homeschooling was relegated to remote areas, or thought of as a behavior of parents with extreme views. In society today the ranks of home schoolers cross all geographic and demographic lines throughout the US. Whatever your reasons to take on the personal education of your children, there are a vast array of resources available to conduct your classes and develop interactive lessons through cable TV, the internet, and through organizations dedicated to education.

Over our 35+ years in business, Artisans has provided educational programs for students, scout troops, adult schools, historic organizations, and hobbyists through a variety of venues. Stanley & Cynthia both hold Master's degrees and have earned their teacher's certificates. Alongside his reenactments, role plays, and interactive history lectures, Stanley shares his skills with local students; recently a group of home schooled kids visited our shop for a day of folk-art whittling.

A walk through the woods provided lessons in finding the perfect stick; each student then was taught to debark, sand, and whittle details into their personal staff. The students learned the basic safety and functional skills of whittling, and how to use their new walking stick. Interactive craft experiences provide the opportunity to explore hands-on skills, develop artistic talents, and introduce new people and social settings.

As artists, it is our obligation to present our art to the next generation. This ensures that new artists will be developed to continue our trades, and that a spark of appreciation is ignited to hone the clients of future artists!



Shown Above Right Tara Mershon, Daniel Burwell, & Noah Jenie with Stanley Saperstein

# **ARTISANS OF THE VALLEY** HAND CRAFTED CUSTOM WOODWORKING



<u>Artisans of the Valley</u> offers museum quality period reproductions, original designs by commission, and antique restoration/conservation services, hand carving, modern furniture refinishing, onsite furniture repair, hand made walking sticks, and educational programs. Our website is now over 300 pages, including galleries, feature articles, and educational sections, company background, and our new adventure album section. We extend an open invitation to explore our site, and contact us directly with any inquiries or questions you may have.

Eric M. Saperstein is Master of Artisans, Owner, Webmaster, Editor, Bookkeeper, Buyer, Office Manager, Legal Pit-bull, and he's in charge of vacuuming the shop: <u>eric@artisansofthevalley.com</u>

Theresa Tonte is the Owner of Smooth Finish by Artisans of the Valley. Teri provides onsite touchup & repair services for residential, corporate, and institutional clients as well as serving to fill a variety of roles in the shop including referee: <u>terri@artisansofthevalley.com</u>



Stanley D. Saperstein, Master Craftsmen, Author, & Historian founded Artisans of the Valley in 1973. Stanley offers historic presentations, impressions, and various lecture series ranging from Civil and Revolutionary War, American Folk Art, and Interactive Role Play

of Characters ... sometimes trying to reenact American Chopper episodes in the shop: <u>woodcarver@artisansofthevalley.com</u>

# A COUPLE BLOG TOPICS

### Is a Fishing Guide an Artist? - Ask Patricia Edel of Alaska's Blue Fly Guide Services

Any interest in catching a 10lb rainbow trout (yes a rainbow) in King Salmon, Alaska? Visit our new blog site and find out how to see Patricia Edel & her father Rick Edel on their "Adventure Guides" feature on the Outdoor Life Channel! (Photos Top Two Right)

#### Pigeonpie Films & Photography by Richard Ondrovic & Lisa Varner

Enjoy amazing wildlife and landscape photography? Perhaps a few unique and first person perspectives on life in the Appalachian Mountains? Maybe cityscapes or food? Rich & Lisa travel the world and their local habitats always with cameras in hand. Visit our blog site for a few more details and links to their websites. (Photos Bottom Three Right)

# 2009 FINAL PERIOD

What Just Happened? How Is 2009 Already Over? Pattern Artist Lora S. Irish Hopefully a Trip to Horton Brasses Greensawing; this keeps getting pushed back! Perhaps a Designer Showcase Green Tips, We'll Discuss Ink & Toner Tips

Maybe by the next issue we'll have time to update the Philosophy of Restoration Why not make this easy on us by commissioning something really cool!?





Our studio hours are by appointment. Please call ahead! Office Address: 60 Bakun Way Ewing, NJ 08638 Shop Address: 103 Corrine Drive Pennington, NJ 08534 Office: 609-637-0450 Shop: 609-737-7170 Fax: 609-637-0452 Cell: 609-658-2955 Email: woodworkers@artisansofthevalley.com www.artisansofthevalley.com







