Recovering from the Flood

November 12 • Gingerbread House Contest Registration Deadline
November 26 – January 2 • Holidays at Hagley
January 15 & 16, 2022 • Invention Convention
Dear Hagley Members and Friends:

It’s a very different world here at Hagley than it was before September 2. At 6 a.m. that morning I opened the USGS current conditions website for the Brandywine and saw that we were already at flood stage and that the river had not yet crested. By 7 a.m. I was in the powder yard taking photos of the river crashing over the lower roadway. And still it had not crested. By 9:30 the river was at a historic 23.1 feet and water was pouring into the Visitor Center basement, demolishing the trestle for the graining mill, and scouring every inch of the powder yard. It was deafening. It was devastating.

We’ve begun the process of clean up and rebuilding, which starts with assessing the damage. We’re incredibly thankful that everyone at Hagley stayed safe during the flood, and collections areas were not in danger. One of our core values is “Safety First,” and these are words we are living by.

Visit hagley.org/flood2021 to view photos of the flood, the damage, and recovery progress. As we recover from the flood, we will rebuild stronger than before! We’ve learned a tremendous amount about the power of the Brandywine and are taking measures to reinforce our mills, roadways, and bridges.

We’ve reopened the museum and are offering tours of the residence, garden, barn, and patent models in the library. For now, the lower property of the museum is closed so all ticketing is taking place in the library—just follow the signs! We’ll keep you informed about when the Visitor Center reopens, and we can celebrate the much-anticipated exhibition opening for Nation of Inventors!

The Hagley staff have been incredible during this challenging time. Our Preservation, Buildings, and Grounds team reacted immediately and gathered resources to begin the arduous task of assessment and clean up. Our Curatorial team removed the patent models from the Visitor Center, making sure that they are in a stable environment until they can be safely reinstalled in the exhibition. Our Museum and Audience Engagement staff pivoted to focus on reopening the museum within a week of closing due to the flood. And everyone at Hagley reached out to colleagues to offer a hand and words of encouragement. I am incredibly proud to be a part of the Hagley team.

While the flood has taken up much of our time, as you’ll see in this issue of the magazine, there are many wonderful programs and activities on the schedule. I hope to see you soon!
HAPPENING AT HAGLEY

Celebrate the Holidays at Hagley!

This year, “Home” may have taken on a different, more poignant, meaning, especially around the holidays, when family gathers. It is in this spirit that Hagley celebrates the holiday season with the theme, “Home for the Holidays: A Celebration of Family.”

Enjoy a Twilight Tour of Eleutherian Mills and step into the world of entertaining in the 1920s and 1930s. Take in the festive decorations and learn how the staff prepared delicious food as you discover what would be happening both upstairs and downstairs in the Residence as the family gathered for the holidays.

Santa’s Workshop Selfie Station will be full of bright lights and decorations, ready to serve as a festive backdrop for your holiday photo. The station is open every Friday-Sunday starting December 3, then daily from December 20 through January 2. Both Gingerbread Lane and Santa’s Workshop are accessible to strollers and wheelchairs.

On December 4 & 11, Santa stops by Hagley for a visit! Take a festive holiday photo and marvel at the entries in Hagley’s Gingerbread House Contest.

All activities (except twilight tours) are included in regular admission and free for Hagley members, and will be held on Hagley’s upper property. Use Hagley’s Library & Soda House entrance at 298 Buck Road in Wilmington, Delaware. The museum will close at 2 p.m. on Christmas Eve (December 24) and will be closed all day Christmas (December 25).

HOLIDAYS AT HAGLEY

November 26 to January 2
10 a.m. to 4 p.m.
Library & Soda House entrance
hagley.org/holidays

TWILIGHT TOURS

December 14, 15, 21, 22, 28, & 29
4:30 p.m. to 7 p.m. • Every 15 minutes
Library & Soda House entrance
Free for members, $15 nonmembers
Advance tickets encouraged
hagley.org/twilight

Kerry Harrison
It’s time to bake the gingerbread, mix the icing, and buy the gum drops. This year marks the fourth annual Gingerbread House Contest and participants of all skill levels are welcome to join this popular event. This year’s theme is “Home for the Holidays: A Celebration of Family.”

Create a gingerbread house that captures the feeling of families coming together for the holidays and the traditions they enjoy sharing together like baking, singing, and decorating to name a few. Let’s see your favorite family traditions!

Entries will be on display throughout the holiday season for visitors to see in a new location this year, the Hagley Barn, accessible via Hagley’s Library & Soda House entrance.

Executive Pastry Chef Michele Mitchell returns with an original gingerbread house celebrating Family. Her unique creation will be on display for the duration of the contest.

Want to enter? Visit hagley.org/gingerbread for details. The contest registration deadline is November 12—enter today!
Invention Convention

After a three-year hiatus, Invention Convention will return in 2022 in its traditional format on January 15 & 16. We are excited for the return of science shows, robotics demonstrations and our staple hands-on activities.

Two subjects that often make peoples’ eyes glaze over with the thought of mathematical formulas and jargon are chemistry and physics. However, these disciplines are integral to our everyday lives from cooking, playing sports, driving a car, to powering our homes. In our two science shows, “Cool Chemistry” and “Fun with Physics” these sometimes-scary subjects come to life and show us just how fun and entertaining they can be.

Between shows, local robotics teams will show off their robots and allow you to try your hand at driving one of their creations. You can also learn more about the ever-growing interdisciplinary field of robotics as it combines engineering, computer technology, coding and design.

The crowd-pleasing Tinkering Tables and Create-an-Invention will unleash visitors’ inner inventor. At the Tinkering Tables, families can investigate the “insides” of an electronic gadget by using simple hand tools to take it apart. In the Create-an-Invention area, children can express their creative side by constructing an invention using everyday household items. To certify a job well done, a Hagley “patent” will be issued for every invention.

Invention Convention

January 15 & 16, 2022 • 10 A.M. TO 4 P.M.
Library & Soda House Entrance
Adults $8, Children 6-14 $6,
Free for children under 6 and Hagley members
hagley.org/invention
HAPPENING AT HAGLEY

Victorine’s Valentine’s Day

CELEBRATE L’AMOUR AT HAGLEY with Victorine’s Valentine’s Day. The annual event returns on Saturday, February 12, from 11 a.m. to 4 p.m. Visitors are invited to make their own Valentine cards to show others how much they mean to them. On a cold winter day, families can warm up inside while enjoying cookies and hot chocolate. They can also decorate a candy bar wrapper with a special message to share with their valentine.

Victorine will be visiting Hagley that day, so be sure to learn more about her and take a selfie with her.

Victorine du Pont Bauduy was E.I. du Pont’s eldest child. After her husband died only six weeks after their wedding, Victorine never remarried. She spent the rest of her life operating the Brandywine Manufacturers’ Sunday School, on Hagley’s Workers’ Hill. Victorine’s Valentine’s Day honors her memory.

The event is included with general admission and is free for Hagley members.

VICTORINE’S VALENTINE’S DAY
Saturday, February 12, 2022
11 a.m. to 4 p.m.
Library & Soda House Entrance
Included with Admission
HAGLEY IS HONORED TO ANNOUNCE that the assistant curator of patent models position is being named in memory of Alan W. Rothschild. Alan passed away in February 2021. Chris Cascio, who holds the position, has been unpacking and processing the collection that Hagley acquired from Alan in late 2015. “The fact that Hagley has any of these models at all, let alone several thousand of them, is a testimony to what collectors like Alan Rothschild recognized in these fascinating, one-of-a-kind objects,” explains Chris Cascio. “The inventions they represent changed how Americans lived and worked and demonstrate, in miniature, the history and scope of American industry in the nineteenth century.”

According to his family, Alan loved collecting and his interests varied over time, but he discovered his true passion when he came upon the patent models. He pursued this with his trademark intensity, discipline and desire to learn everything he possibly could on the topic. He studied the models and their history and became a leading expert in the patent model world.

U.S. Patent models had dropped into obscurity in the decades following the disbursement of the U.S. Patent Office collection. Alan was fascinated by these one-of-a-kind inventions. His affinity was with the inventors who sought to make people’s lives better. Also, Alan appreciated the models as works of art, sculptures in wood, leather, brass, and glass that typically fit in a 12-inch cube. Alan began collecting models in ones and twos, and eventually began attending major art and antique auctions. He also purchased models from other collectors and in private sales. He acquired the personal collection of Cliff Petersen, a well-known patent model collector in Phoenix, Arizona, as well as the entire collection of the Patent Model Museum in Fort Smith, Arkansas.

In 1998, Alan created the Rothschild-Petersen Patent Model Museum, housed in a wing of his home near Syracuse, New York. The museum was the largest privately-owned collection of U.S. patent models in the world, containing more than 4,000 patent models and related documents that have now found their permanent home at Hagley. In recognition of this outstanding collection, the Assistant Curator of Patent Models position will be named for Alan W. Rothschild for the next five years, while the collection is being processed and cataloged.
HE HAGEY LIBRARY HAS BEEN AWARDED a grant from the National Film Preservation Foundation to preserve *The Heart of Cleveland*, a film produced in 1924 for the Cleveland Illuminating Company. We believe the film discovered in Hagley’s Cinecraft Productions archive is the last surviving copy of the industrial film made to promote rural electrification and the wonders of the electrified home. According to a contemporary source, in the fall of 1924 to May 1925, nearly a half million people saw it in Cleveland commercial theaters and other venues.

Hagley staff found the silent movie among the thousands of films in our Cinecraft archive. The film is not a Cinecraft production as it pre-dates the company by more than ten years. The Cleveland Illuminating Company was a long-time client of Cinecraft, which is likely how it landed in their archive.

While Cinecraft produced a bulk of the films in the collection, the non-Cinecraft content, while small by comparison, is historically significant and has been the source of a few exciting discoveries. *The Heart of Cleveland* is the most significant non-Cinecraft film we have found so far. It was one of countless “lost” films from the silent movie era. An estimated 75 to 90% of movies made during the silent film era (before 1929) are lost to history.

The funds provided by the National Film Preservation Foundation will support the production of a new 16mm negative and print on modern film stock. The restored copies will go into Hagley’s cold storage for long-term preservation. In addition, we will produce a new digital copy from the restored print.

Visit hagley.org/cleveland to watch The Heart of Cleveland.
Check out hagley.org/cinecraft for more information about the Cinecraft collection.
Visit filmpreservation.org for more information about the National Film Preservation Foundation.
A Mini Mystery!

It was clear that furnishings had been pilfered. The evidence was everywhere; the carpeting was frayed and in disarray, there were remnants of glue bits and vacant spots on tables, hangers protruded from a wall with no decoration, a table setting was arranged without a chair. There were no occupants around to file a complaint of theft because the spaces that had been violated were miniature model rooms. We wanted to know: Were the pieces really lost? The model rooms are part of the archives of designer William Pahlmann (1906-1987), one of the most influential interior designers of the 20th century. His firm, William Pahlmann Associates, Inc., designed interiors for individuals, hotels, restaurants, and stores. Three room models in the Hagley collections were created by miniaturist Eugene Kupjack and Associates for an exhibit Pahlmann helped organize to promote the American Institute of Interior Designers. The exhibit, Elegance to Scale, began in 1959 and traveled to several locations.

The Pahlmann Collection has an extensive finding aid created by archivists to describe its arrangement and contents, allowing researchers to locate materials of interest. A search in the finding aid revealed a box of separate miniature pieces. It held several miniature chairs, light fixtures, a storage chest, and tiny decorative accoutrements, including a kachina doll. A delve into the archival files of the designer provided original photographs that were compared with the models’ current state. Incredibly, we were able to identify the room and locations where all the pieces came from. One element was sadly missing, however. We never located the globe of the Earth, a key piece in the Room for an Explorer. We have not determined why so many parts came loose, but it was presumably due to improper handling during moving. The rooms are built inside sturdy crates that belie the fragile contents.

Conservation is continuing to examine the models to plan appropriate methods for cleaning, repair, and replacement of the detached items. This will be a delicate task. The methods used must be implemented so that no other elements are damaged or detached. In a fantasy world, a shrink ray would be used to miniaturize a housekeeping crew. Instead, we intend to use a tiny vacuum attachment, cotton swabs, and skewers custom-made with a sticky coating on the tip to grab grime and reach into the small spaces. After cleaning, a small amount of conservation adhesive will be used to reintegrate the furniture.
Hagley Patent Models Go to San Diego!

PATENT MODELS: A CELEBRATION OF AMERICAN INVENTION is set to open in November 2021 at the University of California San Diego’s new Design and Innovation Building. The Design and Innovation Building expands UC San Diego’s propensity for productive exploration, empowering creative thinkers, and providing solutions that raise the bar for the common good.

Through the lens of fifteen 19th-century patent models, Patent Models: A Celebration of American Invention explores the creative ideas and energies of diverse inventors from across the United States over a nearly-50-year period. It also reveals a global community of inventors who participated in the American intellectual property system as well as industries ranging from telecommunications to medicine to the maritime trades any beyond.

During the exhibition’s six-month stay, visitors will uncover stories of “everyday” people who innovated during their lifetimes, challenging us to be innovative in our own lives today. Women inventors, Black inventors, and immigrant inventors were all active in the landscape of 19th-century invention in the United States. These innovators contributed to technological advancements in numerous industries and made an enormous impact on American industry and life.


THIS PATENT MODEL, IMPROVED APPARATUS FOR SHIPPING SPARE RUDDERS BY MAXIMILIAN WAPPICH, SACRAMENTO, CALIFORNIA, WILL INTRODUCE UCSD VISITORS TO PATENT MODELS: A CELEBRATION OF AMERICAN INVENTION.

PATENT# 34,797 - MARCH 25, 1862
THANKS TO OUR 2021 CORPORATE PARTNERS!
It is with their support that Hagley is able to offer events such as Science Saturdays, Bike & Hike & Brews, Fireworks at Hagley, Hagley Car Show, and more. Visit hagley.org for the current events schedule.
Holiday Shopping Starters

POCKET MULTI TOOL - $17.50/15.75 members
Make light work of those odd jobs about the house with this versatile multi tool. Packaged in a smart, giftable tin, this five-piece tool featuring a bottle opener, straight edge knife, two screwdrivers and an LED flashlight.

WINTER FOX PUZZLE - $24.00/$21.60 members
Watch a beautiful wintertime fox come to life, piece by piece! This artist-designed 1,000 unique piece shapes puzzle are made from 100% recycled content and made in the USA.

SCARVES BY ELIZABETH GILLETT - $45.00-$75.00/$40.50-$67.50 members
Elizabeth Gillett believes a scarf is the ultimate accessory: an easy, one-size, timelessly style-able item. Available in several styles and designs, including this 28”x70” super soft micromodal scarf.

QUILLED CARDS - $10.00/$9.00 members
Send or give a notecard that your recipient will want to frame! Quilling, or paper filigree, is an art form that involves the use of strips of paper that are rolled, shaped, and glued together to create decorative designs. Created in Vietnam by master artisans, these Fair Trade Certified seasonal and everyday quilled cards are sure to delight.

GUNPOWDER LABEL COLLAGE TYVEK NOTEBOOK
$18.95/$17.06 members
We’re connecting the DuPont past with its present with this Tyvek gunpowder label collage notebook. Featuring a large assortment of gunpowder labels within our collections, this large notebook features a durable cover made of Tyvek, a product developed by DuPont. The notebook itself has 160 blank, high-quality paper pages and is refillable.

Save the dates! The museum store’s annual members shopping weekend is expanding to a full week. From Monday, November 8, through Sunday, November 14, save 20% off all regularly priced items. Browse our pop-up shop in person or shop online to find the perfect gift! When shopping online, use code MSW2021 at checkout to receive your discount.
Unless otherwise noted, activities listed are included with admission, free for Hagley members, and free for children five and under.

Science Saturdays – hagley.org/scisat for schedule and topics
Experiment and innovate with Hagley’s series of science activities. Visitors use their creativity to make scientific discoveries.

NOVEMBER 4 AND 5 – THURSDAY AND FRIDAY – 8:30 A.M. TO 5 P.M.
Conference: Reach Out and Touch Someone
The Hagley Center’s annual fall conference is “Reach Out and Touch Someone: A Conference on Commercial Intimacy and Personalization.” Held in the Soda House auditorium. Registration is free but required, visit hagley.org/conferences for details.

NOVEMBER 11 – THURSDAY – 1, 2, AND 3 P.M.
Cannon Firing
Have a blast during your visit to Hagley with a demonstration of our signal cannon! Be prepared, it may seem small, but really packs a punch! Demonstrations take place near the Hagley Barn. Cannon firings are weather-dependent.

NOVEMBER 12 – FRIDAY
Gingerbread Contest Registration Deadline
It’s time to bake the gingerbread, mix the icing, and buy the gum drops. This year’s theme is “Home for the Holidays: A Celebration of Family.” Register today at hagley.org/gingerbread.

NOVEMBER 13 – SATURDAY – 12 TO 4 P.M.
Science Saturday presented by Young Conaway Stargatt & Taylor, LLP – Fusion Fashions
Create “fabric” out of plastic grocery bags and find a new use for it. Visitors of all ages are invited to discover solutions to science and engineering challenges at Science Saturday. Held in the Hagley Library. This is a drop-in activity, feel free to join the fun at any time from 12 to 4 p.m.

NOVEMBER 14, 21, 28 – TUESDAYS & WEDNESDAYS – 4:30 P.M. TO 7 P.M. - EVERY 15 MINUTES
Twilight Tours
Enjoy a Twilight Tour of Eleutherian Mills and step into the world of entertaining in the 1920s and 1930s. Take in the festive decorations and learn how the staff prepared delicious food as you discover what would be happening both upstairs and downstairs in the Residence as the family gathered for the holidays. Free for members, $15 for nonmembers. Advance tickets encouraged. Visit hagley.org/twilight for details.

DECEMBER 4 & 11 – 10:30 A.M. TO 3:30 P.M.
Science Saturday presented by Young Conaway Stargatt & Taylor, LLP – Soaring Satellites
Employ the principles of drag and lift to make a satellite that floats at just the right height above “Earth.” How high can you make it fly?

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DECEMBER 15, 2022 – SATURDAY & SUNDAY – 10 A.M. TO 4 P.M.
Invention Convention
After a three-year hiatus, Invention Convention will return in 2022 in its traditional format. We are excited for the return of science shows, robotics demonstrations, and our staple hands-on activities! Held in Hagley’s Soda House. Adults $8, Children 6-14 $6, free for children under 6 and Hagley Members. Visit hagley.org/invention for details.

DECEMBER 16, 2022 – SATURDAY – 11 A.M. TO 4 P.M.
Victorine’s Valentine’s Day
Celebrate l’amour at Hagley with Victorine’s Valentine’s Day. Make Valentine cards, warm up with cookies and hot chocolate, and decorate a candy bar wrapper with a special message to share with your valentine.
AT HAGLEY’S GINGERBREAD HOUSE CONTEST you can see beautiful gingerbread houses created by individuals, families, and kids! Find the baking words in the grid below.

WORD LIST

BAKING

BUTTER

CANDY

COCONUT

COOKIE

CREAM

DECORATION

EGGS

FLOUR

FONDANT

GANACHE

GINGERBREAD

ICING

MARZIPAN

MOLASSES

PIPING

SUGAR

SPOT THE DIFFERENCES! Can you find ten differences between the two pictures above?

PHOTO PUZZLE ANSWERS:

1) STARS MISSING FROM AMERICAN FLAG
2) BERRIES BELOW TOP WINDOW ARE DIFFERENT
3) MICHELLE’S TITLE IS MISSING
4) RIBBON ON WALL IS WIDER
5) GARLAND IS DIFFERENT
6) FIREHOUSE SEAL IS LARGER
7) LOGO ON TRUCK IS DIFFERENT
8) AMBULANCE ROOF IS DIFFERENT
9) TREE DECORATION IS MISSING
10) DRIVEWAY IS LONGER