

The Doorway

A Publication of The Gill Corporation

High-Performance Composite Products Since 1945 • www.thegillcorp.com

Volume 50 • Number 3 • Summer 2014 • 202 issues in print



New Horizons Ahead

THE GILL CORPORATION

New Horizons Ahead

THE GILL CORPORATION

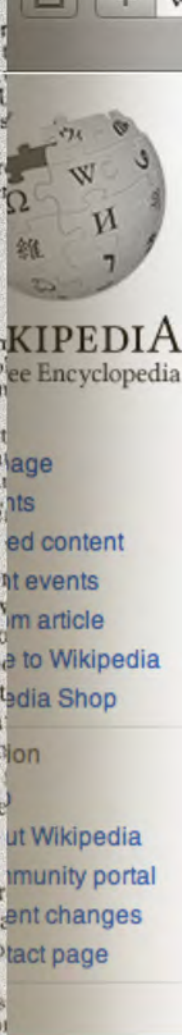




eam (fig. 19), M_1 bending moment
ending moment at
 M_1
ne load is simply
o M/EI can be
a curve (fig. 20)
dinate represents
ds are statically
y the area of the
ove the centre of
curve, and if at
ense to represent
nt is represented
length PQ . For
nly distributed
curve of M' is a
 $M' = \frac{1}{2}wx(l-x)$,
is the load per
length; and the
equivalent fic-
ad is $\frac{1}{2}wl^3/EI$
the middle point
span; also the
ically equivalent
fictitious loads
 EI and M_{ax}/EI
 EI and $\frac{1}{2}M_1/EI$
pan. The funi-
drawn, and the
rmined when the
ulars in question
ending moments

point, and the lines EF, DK are
funiculars which do not pass
sides (1, 3, 5) can then be dra-
through B; for the triangle 1
and the triangle whose sides
2, 3, 4 are in perspective.
The bending moment M_0 is re-
sented in the figure by the ver-
line BH where H is on the
tinuation of the side 4, the
being given by
$$\frac{BH}{CE} = \frac{1}{12} \frac{M_0 BC}{w BC^3}$$

this appears from the diagram
forces, fig. 22, in which the ob-
lines are marked to correspon-
which they are parallel.
In the application of the met-
are two systems of fixed points
which the sides of the funicular
60. *Finite Bending of Thin*
curvature = bending
may also be applied to the pa-
plane of a very thin rod or y
not be small. When the fo-
duce the flexure are applied
only, the curve into which t
is bent is one of a definite fa-
to which the name *elastica* h
and there is a division of the
species according as the exte
applied directly to the ends
to rigid arms attached to
curves of the former species ar
by the presence of inflections
at which they cut the line of
applied forces.
We select this case for consi-
problem of determining the fo-



Article Talk

Wright br

From Wikipedia, the f
(Redirected from Th

The **Wright brothe**

1948) and **Wilbur** (

American brothers,

credited^{[1][2][3]} with i

successful **airplane**

and sustained heav

1903. From 1905 to

machine into the fir

the first to build and

brothers were the fi

fixed-wing powered

The brothers' funda

History is the study of the past. Much of what we know about early history has been handed down through the practice of storytelling. Since the dawn of time, whether oral, written or pictorial, people have recorded the events, individuals and activities that shaped their lives.

Some accounts record actual events. Others were about individuals of notable accomplishment or character. Many were created to teach a lesson.

In 2015, M.C. Gill Corporation will celebrate its 70th anniversary. As we approach this milestone we are keenly aware of our story and it seems apropos to recount another story of a young man who embraced great risk to reach the stars.

In classic Greek mythology, a tale is told of the boy Icarus who defied convention and dared to fly. Like Icarus, Merwyn "M.C." Gill was a man who dreamed of greatness. Both were inspired by an idea and longed to reach the heavens. Icarus allowed his passion to cloud his judgment and paid the ultimate price. M.C., however, had the good sense to realize he would be better at creating the wings than trying to fly solo. So instead, he gave wings to an idea that became M.C. Gill Corporation.



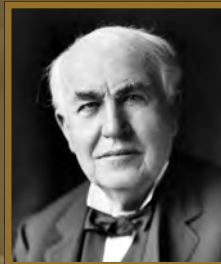
Over time, the company M.C. founded grew and became a critical strategic partner to the aerospace industry – pioneering the products that are found on virtually every commercial aircraft and the basis of many of today’s advanced composite materials found in service.

M.C. Gill Corporation is one of the world’s largest manufacturers of honeycomb, high-performance floor panels, cargo compartment liners and original equipment for passenger and freighter aircraft. The company also excels in many other types of reinforced plastics, including interior sandwich panels for creating structures such as aircraft galleys and bulkheads, honeycomb core and related products.

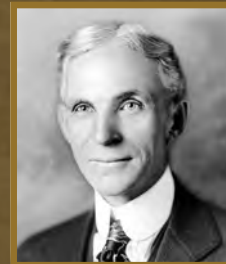
The company has recently dedicated considerable resources to an exciting new opportunity as it enters the business of fabricating finished floor panels.

To understand the future, we often look to the past.

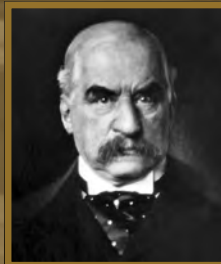
In the first part of the 20th century it was a common practice for businessmen to associate their “invention, product or service” with their name. So, in the fine tradition of great American entrepreneurs like Thomas Edison, Henry Ford, Andrew Carnegie and JP Morgan, “M.C.” Gill named his fledgling company after himself.



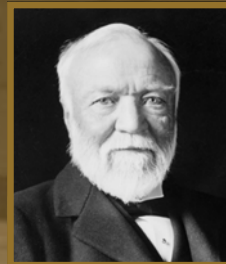
Thomas Edison



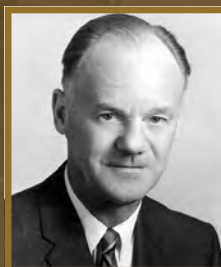
Henry Ford



JP Morgan



Andrew Carnegie



Merwyn C. Gill

Since its founding in 1945, the company has been managed by members of the Gill family. Initially, the business was almost solely a family business. M.C. and his wife ran the company with a handful of trusted employees. M.C. built a reputation as a tenacious, charismatic man driven to succeed. To the customer base M.C. cultivated and nurtured, he *was* the company.



For 70 years, the Gills have been at the helm and they lead by example, maintaining critical leadership roles in the daily operations of the company. They infused a work ethic, quality standard and customer commitment that is legendary in the aerospace industry.

Business is important, but so is balance, so the Gills bolstered their children's formal education with an assortment of extracurricular activities plus exposure to the inner workings of the company. When the Gills' sons reached adulthood, they accepted positions with the family business.

Over time, M.C.'s small business steadily grew into a large corporation and with that growth came change.





In 1991, Stephen Gill became the CEO. This allowed M.C. to step back a bit while the staff continued pursuing game-changing product advances and new

technologies as wide-sweeping industry changes were occurring.

Throughout the next two decades, Stephen Gill steered the corporation through an aggressive strategic plan that included acquisitions and organizational enhancements. As the new millennium dawned, the corporation could boast a global presence with manufacturing sites in Northern Ireland, France, Maryland and Ontario, California.

Each subsidiary offered unique capabilities which complemented the parent corporation. Vertical integration allowed the corporation to maximize efficiencies by offering a broad array of products and services to satisfy global market demand.

In 2009, the third generation Gill family member joined the corporation at the El Monte campus. Stephen Gill's daughter, Jennifer Gill, had recently held positions in advertising and product development in non-aerospace industries. Jennifer joined the corporation and began in the production department bringing the same Gill work ethic and commitment to quality.

In 2010, after 65 years in business, M.C. handed over his keys and officially retired. Stephen realized it was the ideal time to critically reevaluate the strategic long-term direction of the corporation. He turned to a trusted ally, his brother Phil, as they began a serious discussion about the future of M.C. Gill Corporation.

Through careful planning and sound fiscal management, M.C. Gill Corporation had weathered various industry and global economic downturns. Stephen and Phil conferred with the shareholders and came to agreement it was time to share their new vision for the corporation's future.



The eve of the company's 70th anniversary seemed like the perfect time to offer an affirmation of their commitment to develop, manufacture, and fabricate products and services that will propel the corporation into the next century. It was important to communicate that the company no longer saw itself as driven by a single man's vision but as an organization staffed by experienced, innovative, educated and multi-disciplined individuals under the careful guidance of the Gill family.

Stephen and Phil Gill decided a change was in order and felt they could best honor the past and all that the Gill name stands for, while setting the stage for the future, through a simple name change. Effective September 2014, *M.C. Gill Corporation* officially became *The Gill Corporation*.



THE GILL

Going forward, we honor the memory of the founder by capitalizing on the challenges and opportunities that lay ahead.

Our customers will still see the famous red G in our logo. Our commitment to our customers remains a top priority and our entire staff is dedicated to the ideals established 70 years ago.

We will still produce and offer the same high-quality, innovative products and services that our reputation was built on (in accordance with OEM specifications, testing requirements, finishing needs or special handling requests).

We will preserve our legendary customer relationships through key practices. First, through dedicated customer service representatives at each of our locations. When you call our offices, submit a website request or send us an email, you will hear from a live person who is knowledgeable and cares about your composite needs.



CORPORATION

Second, our field sales managers and independent representatives are available worldwide. They are responsive and familiar with their region as well as current market trends.



Finally, we have completed upgrades to our internal accounting and production systems to ensure we can respond to our customers' needs in a timely, consistently accurate fashion.

Our corporate magazine, *The Doorway*, (50+ years in publication), will continue to showcase our capabilities, product offering, services, market trends and relevant industry related information.

We remain ISO 9001: 2008 AS9100 Rev C certified and are fully ITAR compliant.

So what *is* going to change?



Going forward, the company name will be *The Gill Corporation* on our company stationary, forms, building signage, business cards, packaging, brochures and promotional materials.



Corporate employee email addresses will be changed to correspond with the new naming, so watch for emails from our personnel advising you of their new email addresses.



Our phone *numbers* will remain the same but the phones will be answered with "*The Gill Corporation*" followed by the name of the person taking your call.



Our presence at industry events and gatherings will *increase* with new display materials to better communicate who we are, what we do and allow for better interface and accessibility between our staff and our customers.



Our website will be updated with a new address www.thegillcorp.com. You will see additional images and content that reflect the comprehensive products and services we are known for, plus any new capabilities available to the market. We're working with skilled technicians to make sure you will find us even if you log onto our old website address. We'll make sure you still have access to our technical data sheets, virtual tour, contact lists and any critical corporate information.



The upgraded software system improvements mean that when you call a Gill Company you can expect a quick integrated response which will save time and reduce the need for multiple calls.





THE GILL CORPORATION

4056 Easy Street, El Monte, California 91731

phone: 626 443-4022 fax: 626 350-5880

email: info@thegillcorp.com



Alcore, Inc.
Lakeside Business Park,
1502 Quarry Drive
Edgewood, Maryland
21040 USA
phone: 410 676-7100
fax: 410 676-7050
email: sales@alcore.com
Alcore Overnight
Expedited Delivery
email: overnight@alcore.com
Alcore does not sell sandwich
panels. Contact The Gill
Corporation for these products.



Alcore Brigantine, Inc.
Route de l'Aviation
7, allée Etchecopar
64600 Anglet France
phone/téléphone:
+33 (0) 5 59 41 25 25
fax/télécopie:
+33 (0) 5 59 41 25 00
email: sales@alcorebrigantine.fr



The Gill Corporation Europe Ltd.
23 Enterprise Road,
Balloo Industrial Estate South
Bangor Co-Down
BT19 7TA, N. Ireland
phone: +44 (0) 2891 470073
fax: +44 (0) 2891 478247
email: sales@insoleq.co.uk



Castle Industries, Inc.
of California
601 South Dupont Avenue
Ontario, CA 91761-1502 USA
phone: 909 390-0899
fax: 909 390-0898
email: info@castleindustries.net

www.thegillcorp.com

© 2014 The Gill Corporation. All Rights Reserved. The Gill Corporation, The Gill Corporation logo, Insoleq, Gillfab composite, Gillcore, Gilliner, Gillite, Alcore, Alcore Overnight, Alcore Brigantine, the Alcore logo, the Alcore Brigantine logo, PAA-CORE, the Insoleq logo, the Castle logo and The Doorway are trademarks of The Gill Corporation. The Gill Corporation "Honeycomb Bee" character is a trademark character of The Gill Corporation. Nomex, Korex and Kevlar are trademarks of Dupont.



THE DOORWAY IS PRINTED ON 10% POST-CONSUMER RECYCLED
PAPER AND SHOULD BE RECYCLED

Our Marketing and IT departments are working hard to ensure we do this the right way with a sufficient transition period to put all the pieces in place as we adjust to the change.

We realize this is a complex project and it can't happen overnight, so we appreciate your patience as we go through the process.

Although the actual name change may seem small, it represents our commitment to leverage 70 years of experience and innovation with an arsenal of modern tools and technology resulting in a marriage between the best of the past and the promise of the future.

What five-letter word becomes shorter when you add two letters to it? *Short*

What word begins and ends with an "E" but only has one letter? *Envelope*

What has a neck but no head? *A bottle*

What type of cheese is made backwards? *Edam*

What gets wetter as it dries? *A towel*

Which letter of the alphabet has the most water? *The C*

What starts with a "P", ends with an "E" and has thousands of letters? *The Post Office!*

What has to be broken before you can use it? *An egg*

Why can't a man living in New York be buried in Chicago? *Because he's still living!*

What begins with "T", ends with "T" and has "T" in it? *A teapot*

How many letters are there in the English alphabet? *There are 18: 3 in "the", 7 in "English" and 8 in "alphabet."*

The country side = No city dust here

Mummy = My mum

Dormitory = Dirty room

Silly Animal Jokes

Why do bees hum? *Because they don't know the words.*

What happened to the cat that swallowed a ball of wool? *She had mittens.*

What do you call a fish with no eyes? *A fsh.*

Where do cows go with their friends? *The mooovies!*

What do you call a fly without wings? *A walk.*

Anagrams

Debit card = Bad credit

Eleven plus two = Twelve plus one

Vacation time = I am not active

Conversation = Voices rant on

Hot water = Worth tea

The eyes = They see

The Detectives = Detect thieves

