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Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files

OA/ID Number: 62011
Folder ID Number: 62011-003

Folder Title:
Invitations: General (4) [11 of 12] [1991]

Stack:	Row:	Section:	Shelf:	Position:
	0	0	0	0

2/4

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120165

SPEECH: YES NO

FROM: THE PRESIDENT AND MRS. BUSH

DATE OF EVENT: 01/04/91

LOCATION OF EVENT: THE WHITE HOUSE

TIME OF EVENT: 04:00PM

SUBJECT: INVITATION TO A RECEPTION

RSVP:

CONTACT PERSON: THE SOCIAL SECRETARY

CONTACT NUMBER: 456-7787

INVITATION ACCEPTED?

YES

NO

2/1 accepted

COPIES TO:

REMARKS:

DATE OF LETTER: 01/30/91

DATE RECEIVED: 01/30/91

FILE: P- INVITATION



*The President and Mrs. Bush
request the pleasure of your company
at a reception to be held at*

*The White House
on Monday afternoon, February 4, 1991
at four o'clock*

Robert Ubell Associates

111 Eighth Avenue, Suite 1503, New York, NY 10011 Tel: (212) 645-3303 Fax: (212) 645-5988

VIA FAX

January 24, 1991

Hon. D. Allan Bromley
Assistant to the President
for Science and Technology
Old Executive Office Building
17th & Pennsylvania Avenue NW
Room 358
Washington, DC 20506

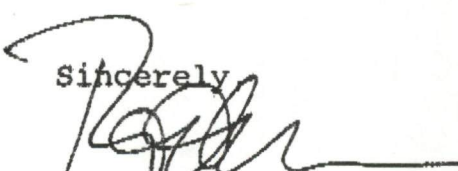
Dear Dr. Bromley:

Robert Ubell Associates are publishing consultants and literary agents specializing in the fields of science and technology. As consultants, we have been retained by major scholarly societies such as the American Institute of Physics, the American Chemical Society, and the National Academy of Engineering. As agents, we represent some of today's most distinguished scientists, including Victor Weisskopf, Fang Li-zhi, and Roald Hoffmann. I would be pleased and honored to represent your literary interests as well, and I would welcome the opportunity to meet with you to discuss that possibility.

I will be in Washington on February 6, 7, and 8, attending the annual meeting of the Association of American Publishers, Professional and Scholarly Publishing Division. I would be happy to arrange to meet with you over lunch, dinner, drinks, or whatever your schedule permits, to explore the advantages of our working together.

I may be reached by phone at (212) 645-3303, or by fax at (212) 645-5988. I look forward to hearing from you, and to meeting with you when in Washington.

Sincerely



Robert N. Ubell

Robert Ubell Associates

111 Eighth Avenue, Suite 1503, New York, NY 10011 Tel: (212) 645-3303 Fax: (212) 645-5988

F A X C O V E R S H E E T

DATE: January 24, 1991

TO: Hon. D. Allan Bromley
Assistant to the President
for Science and Technology
Old Executive Office Building
17th & Pennsylvania Avenue NW
Room 358
Washington, DC 20506

FAX #: 202-395-3261

FROM: Robert N. Ubell
Robert Ubell Associates Inc.
111 8th Avenue, Suite 1503
New York, NY 10011
USA

FAX #: 212-645-5988

PAGES: 2 (including this page)

MESSAGE: Please see attached. You may also reply to Barbara Sullivan, Robert Ubell Associates.

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120183

SPEECH: YES NO

FROM: CENTER FOR INTERNATIONAL BUSINESS & TRADE,
GEORGETOWN UNIV

DATE OF EVENT: 02/17/91

LOCATION OF EVENT: OMNI SHOREHAM HOTEL, WASHINGTON, D.C.

TIME OF EVENT: 06:30PM

SUBJECT: 1991 AAAS ANNUAL MEETING SYMPOSIUM "ENGINEERING IN
JAPAN"

RSVP:

CONTACT PERSON:

CONTACT NUMBER: 301/762-4696

INVITATION ACCEPTED? YES NO

COPIES TO:

REMARKS:

DATE OF LETTER: 01/24/91

DATE RECEIVED: 01/30/91

FILE: P- INVITATION-ENGINEERING

日本の工学
ENGINEERING IN JAPAN

Joint Symposium

American Association for the Advancement of Science

研究・技術計画学会

Japan Society for Science Policy and Research Management

AAAS☆91
The AAAS Annual Meeting

Omni Shoreham Hotel
Washington, DC
February 17, 1991

Sponsoring Organizations

BOC / Airco / OSK	Nissan Research & Development, Inc.
Dow Corning Corporation	Nippon Steel U.S.A., Inc.
Eastman Kodak Company	National Institute of Standards & Technology
Embassy of Japan	National Science Foundation
Ford Motor Company	National Technological University
Fujitsu America, Inc.	Rockwell International
Hitachi America, Ltd.	Sony Corporation
Honeywell, Inc.	SRI International
3M	United Technologies Corporation

The Organizers and Sponsors
of the 1991 AAAS Annual Meeting Symposium
"Engineering in Japan"
cordially invite you to a reception
Sunday, February 17, 1991
6:30 to 8:30 p.m.

Embassy of Japan
2520 Massachusetts Avenue, N.W.
Washington, D.C.

R.S.V.P. (301) 762-4696 or Fax (202) 328-2187 by February 14

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120182

SPEECH: YES NO

FROM: MADDOX, JOHN

DATE OF EVENT: 02/07/91

LOCATION OF EVENT: COSMOS CLUB

TIME OF EVENT: 05:30PM

SUBJECT: THE APPOINTMENT OF BARBARA J. CULLITON AS DEPUTY
EDITOR OF NATURE.

RSVP: 02/03/91

CONTACT PERSON:

CONTACT NUMBER: 202/737-2355

INVITATION ACCEPTED? YES NO

COPIES TO:

REMARKS:

DATE OF LETTER: 01/29/91

DATE RECEIVED: 01/30/91

FILE: INVITATION

John Maddox, Editor of Nature
would be glad if

Dr. Bromley

would join him for drinks
at the Cosmos Club
5:30-7:30, Thursday 7 February

to celebrate the appointment
of Ms. Barbara J. Culliton
as Deputy Editor of Nature

R.S.V.P.
202/737-2355

RECEIVED

21 JAN 30 P 5:11

OFFICE OF THE
DIRECTOR

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120165

SPEECH: YES NO

FROM: THE PRESIDENT AND MRS. BUSH

DATE OF EVENT: 01/04/91

LOCATION OF EVENT: THE WHITE HOUSE

TIME OF EVENT: 04:00PM

SUBJECT: INVITATION TO A RECEPTION

RSVP:

CONTACT PERSON: THE SOCIAL SECRETARY

CONTACT NUMBER: 456-7787

INVITATION ACCEPTED? YES NO

COPIES TO:

REMARKS:

DATE OF LETTER: 01/30/91

DATE RECEIVED: 01/30/91

FILE: INVITATION

*Please present this card
with identification at
THE VISITORS ENTRANCE
The White House*

NOT TRANSFERABLE

*Please respond to
The Social Secretary
The White House
at your earliest convenience*

(202) 456-7787



*The President and Mrs. Bush
request the pleasure of your company
at a reception to be held at
The White House
on Monday afternoon, February 4, 1991
at four o'clock*

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120458

FROM: DUGGAN, JEROME L.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/29/91

SUBJECT: ELEVENTH INTERNATIONAL CONFERENCE ON THE APPLICATION
OF ACCELERATORS IN RESEARCH AND INDUSTRY NOVEMBER
5-8, 1990, DENTON, TEXAS

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

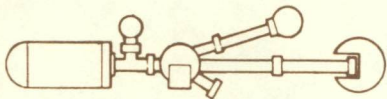
CONTACT PERSON:

FILE:

REMARKS: INVITATION FOLLOW-UP

DATE RECEIVED:

FILE:



**International
Conference on the Application of
Accelerators in Research and Industry**

Department of Physics
University of North Texas
P.O. Box 5368
Denton, Texas 76203-5368

9120458
RECEIVED

91 FEB 19 AM : 27

OFFICE OF THE
DIRECTOR

January 29, 1991

D. Allan Bromley
Assistant to the President
Executive Office of the President
Office of Science and Technology Policy
Washington, DC 20506

Re: Eleventh International Conference on the
Application of Accelerators in Research and Industry
November 5-8, 1990, Denton, Texas

Dear Allan:

We greatly appreciate your allowing us to dedicate these Proceedings of the Eleventh Accelerator Conference to you in recognition of the contributions that you have made to Physics throughout your career.

Lon Morgan and I are both pleased to have recommended you for the dedication. The two-volume set of proceedings should be ready in April or May, 1991.

Sincerely yours,

Jerome L. Duggan
Co-Chairman

JLD/bs

Overnight Delivery Address:

Physics Building • Avenue A & Mulberry • Denton, TX 76203
Ph: 817-565-3252 or 817-565-3250 • FAX: 817-565-2227 • BITNET: FC66@UNTVAX.BITNET

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120185

SPEECH: YES NO

FROM: COLGROVE, ROGER T.

DATE OF EVENT: 02/05/91

LOCATION OF EVENT: HOLIDAY INN CROWNE PLAZA, ARLINGTON, VA

TIME OF EVENT: 03:30PM

SUBJECT: THE FOUNDATION FOR THE NATIONAL LAUNCH ARCHITECTURE

RSVP:

CONTACT PERSON: CAPT. CHARLES SCHWARZ

CONTACT NUMBER: 213/336-4628

INVITATION ACCEPTED?

~~YES~~ NO

COPIES TO: Dr. Phillips
Dr. Wong

REMARKS:

*2/5/91- Regretted to Cpt. Schwarz.
mn*

DATE OF LETTER:

DATE RECEIVED: 01/28/91

FILE: *P* INVITATION ~~SPACE~~

*2/1 (received
this date)*



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS SPACE DIVISION (AFSC)
LOS ANGELES AIR FORCE BASE, PO BOX 92960
LOS ANGELES, CA 90009-2960

9120185
91 JAN 28 P12:58

OFFICE OF THE
DIRECTOR

Dr. D. Allan Bromley
Ass't. to the President for Space & Tech
Director, Office of Science and
Technology Policy
Old Executive Office Building, Room 360
17th St. & Pennsylvania Ave., N.W.
Washington D.C. 20501

Dear Dr. Bromley

A review of the Joint DoD and NASA Advanced Development Program (ADP) is scheduled for 5 - 8 February 1991 at the Holiday Inn Crowne Plaza, Arlington, VA. The Advanced Development Program is a focused technology program whose purpose is to demonstrate the technical basis for the next generation launch systems.

This review will provide a forum for technical exchange on the progress and achievements of individual tasks across the spectrum of launch system activities. This forum will provide members of the aerospace community the opportunity to exchange thoughts and ideas on the technologies needed for shaping tomorrow's launch systems.

The first day will be devoted to an executive summary of the Advanced Launch Development Program with presentations from both the government and contractor teams. The remaining days will examine individual program tasks in detail. Throughout the review hardware displays and demonstrations will be presented and members of the technical staffs will be available to explain their significance in shaping tomorrow's low cost access to space.

A condensed program overview will be held from 3:30 to 5:30 to accommodate our distinguished visitors. A question and answer period and a tour of the displays will follow the overview.

Please join our national team in examining the foundations on which tomorrow's space access will be built. For further details I have included an information package on the review. For any questions or assistance please contact, Captain Charles Schwarz at (213) 336-4628.

Sincerely


Roger T. Colgrove, Col, USAF
Director

Advanced Launch Development Program



NATIONAL AIRPORT

**300 Army/Navy Drive
Arlington, Virginia 22202
(703)-892-4100**

800-848-7000 800-468-1105 (in Virginia)

Location

Ideally located, only 5 minutes from National Airport, just across the 14th Street Bridge from Washington, D.C. Two blocks from Metro at the Pentagon. Complimentary transportation to and from National Airport (daily) and Metro (M-F).

Guest Rooms

635 guest rooms including: 14 Deluxe Suites, 159 Guest Suites, 296 Double Doubles, 166 Kings, each with remote control color cable TV (free HBO), AM-FM clock radios, telephones in every bathroom. Individually controlled heating and air conditioning. Deluxe Suites have Jacuzzis and balconies overlooking Washington, DC. Some rooms especially designed for the handicapped. Non-smoking rooms available. Private membership corporate program, Potomac Club.

Restaurants and Lounges

The Penthouse Restaurant: Gourmet dining for lunch and dinner, featuring Continental and Nouvelle American Cuisine, in an elegant setting overlooking Washington, DC.

The Cafe: Continuous dining from 6:30AM until midnight, featuring elegant buffets and an a la carte menu for all three meal periods, set in the ambience of a sidewalk cafe.

The Lobby Bar: Located on the mezzanine level, the club atmosphere is the perfect setting for our specialty drinks, light food, raw bar and complimentary hors d'oeuvres. Wide screen T.V.

The New Skydome Revolving Lounge: An area landmark affording a spectacular view of Washington, DC. Features a state-of-the-art sound and light show and nightly entertainment.

Conference and Catering Services

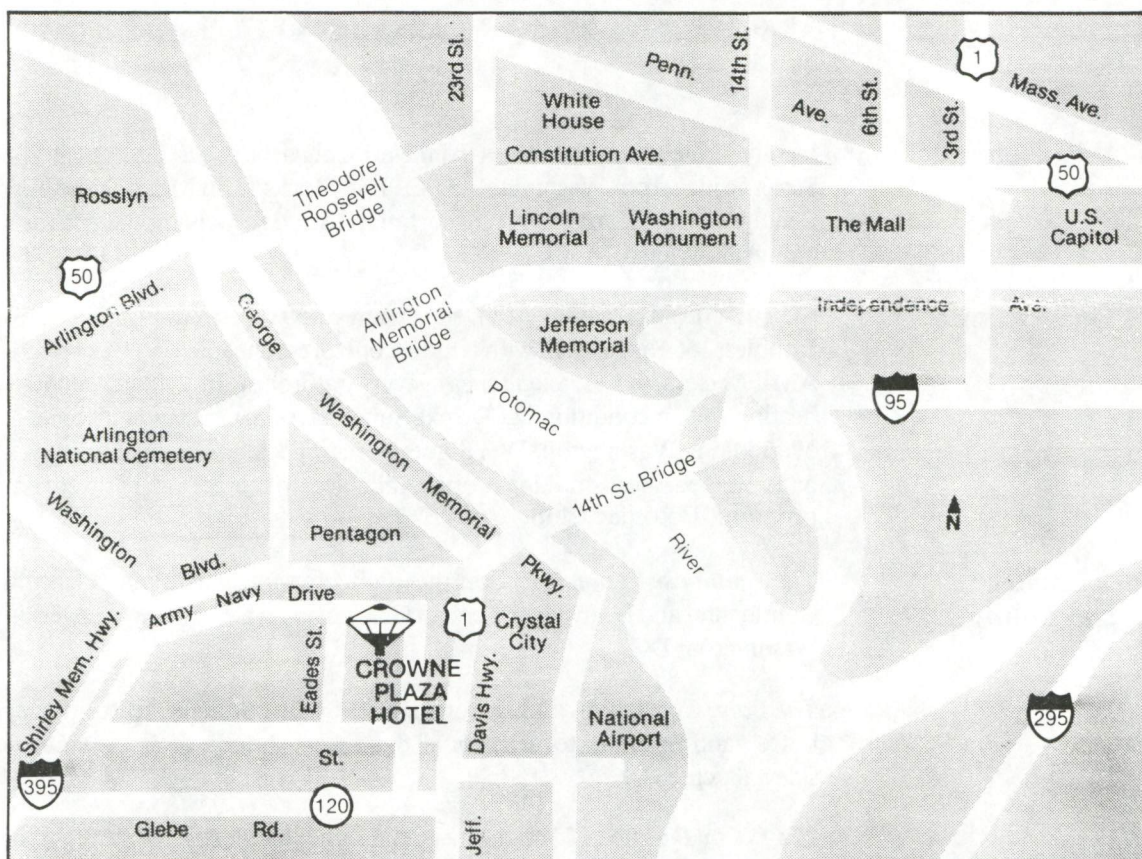
Over 20,000 square feet of space. Total of 17 rooms, including an exhibit hall, auditorium and the Plaza Ballroom. Groups up to 600 people. Groups may be pre-registered. Special group registration desk. In-house audio-visual company. Exhibit drayage facility. Specialized menu planning and hospitality set-ups.

Health and Fitness Center

Our extensive recreational facilities include: 4 racquetball courts, sauna, exercise bicycles, universal weights, masseur/masseuse (by appointment), aerobics classes, indoor pool. Minimal entrance fee, and charge for racquetball. Pool, free. Men's and women's locker rooms.

Guest Services

Concierge staff, same day valet service, luggage storeroom, mail and postage facilities, safe deposit boxes, hair dryers, ironing boards and irons available, facsimile (703-521-0286).



DIRECTIONS

From the North: Take I-95(S) towards Richmond. Cross Woodrow Wilson Bridge. Take first exit, Rte. 1(N), follow into Crystal City. Take left on 23rd Street, one block to Eades. Make right onto Eades, to Army Navy Drive. Make right on Army Navy Drive. Go two blocks, hotel will be on the right.

From the South: Take I-95(N) to 395(N). Take Crystal City/National Airport exit. Left at first light onto Army Navy Drive. Go three blocks, hotel will be on the right.

Shuttle Service

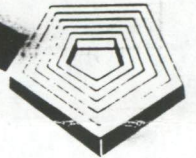


Ⓐ

National
Airport



Pentagon



Ⓒ

Ⓐ National Airport

6:00 AM-7:00 AM

(Airline Crews Only)

7:00 AM-12:00 Midnight

(Hotel Guests-Every 20 Minutes)

The Drivers will drop guests off at any
location in Crystal City, as long as
it is on the way to National Airport.

Ⓑ Crystal City Metro

Upon Request

Ⓒ Pentagon

Monday to Friday

7:00 AM-9:00 AM (Every 15 Minutes)

4:00 PM-7:00 PM (Every 15 Minutes)

9:00 AM-4:00 PM (By Request)

Saturday and Sunday

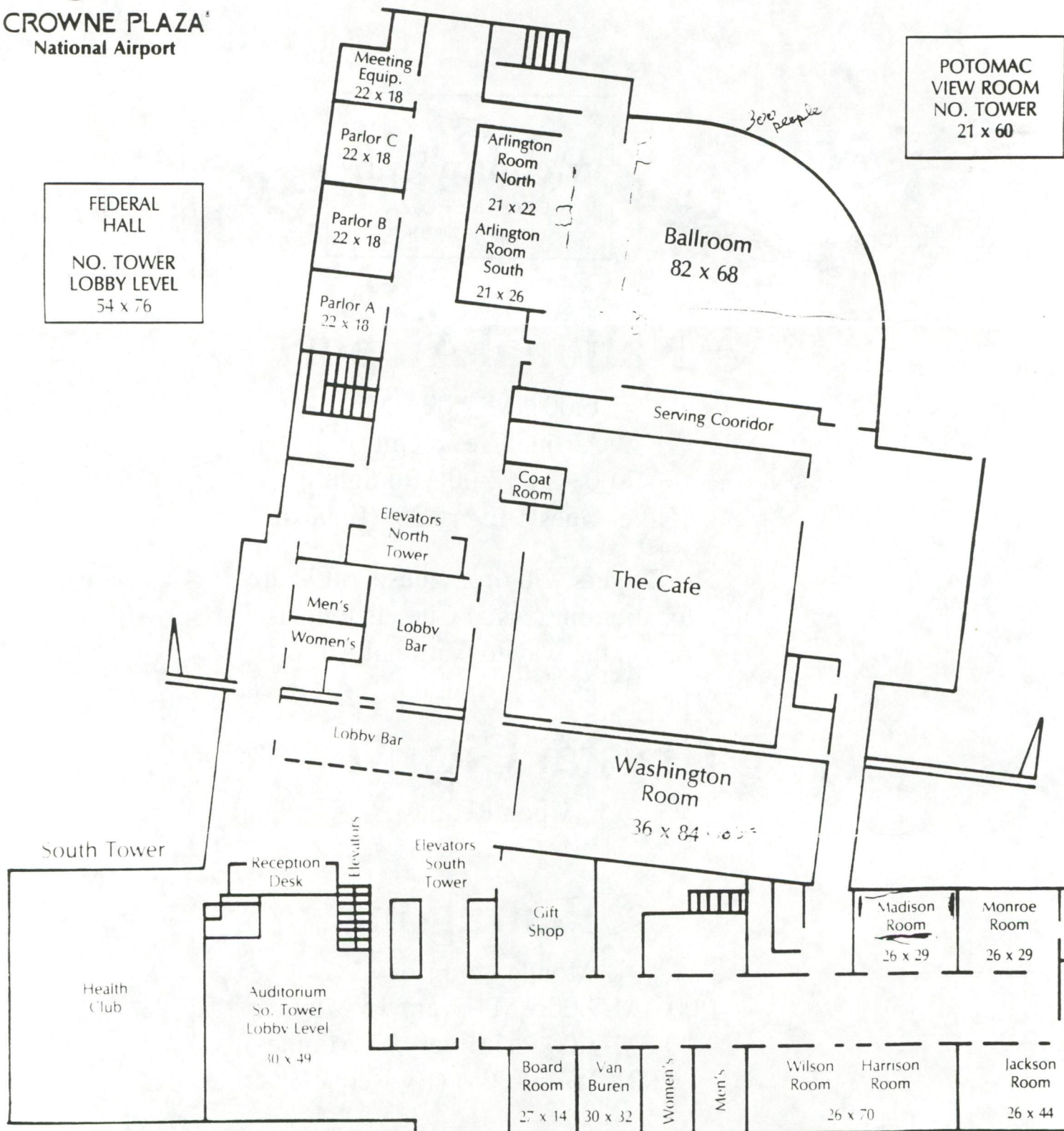
By request only

Passengers will be dropped off at the
South Parking Area for the Metro

Holiday Inn
CROWNE PLAZA®
National Airport

FEDERAL
HALL
NO. TOWER
LOBBY LEVEL
54 x 76

POTOMAC
VIEW ROOM
NO. TOWER
21 x 60



- The Pool is located on the Penthouse level. North Tower
- Auditorium located on the Lobby Level. South Tower.

ADP Review Agenda

Monday, 4 February Pre Registration - 6Pm (Madison Rm)

Tuesday, 5 February (Ballroom) : 8:30 - 2:30

Col Colgrove
Jack Battenburg
Propulsion Consortium
Martin Marietta
General Dynamics
Boeing Aerospace

Program Manager, ALDP
Advanced Development Program
Program Description
Program Description
Program Description
Program Description

PROGRAM OVERVIEW

3:00 Program Overview Col Colgrove
3:20 The National Perspective Dr. Albrecht (Tentative)
3:50 Questions & Answers
4:20 ADP Hardware Displays Jackson/Wilson/Harrison Rm
6:30 Buffet Dinner Washington Room

Wednesday, 6 February

: 8:30 - 4:00

Session 1
(Washington Rm)

Session 2
(Commonwealth Aud)

Operations:

Area Summary
Autonomous Launch Operations
Advanced Launch Processes
Load Cycle Simplification
Advanced Data Base
Alternative Pyrotechnics
Advanced Hazardous Gas/
Leak Detection
Remote Cable Transducer
Acoustic Data
Liquid Hydrogen Venting

Propulsion:

Area Summary
LOX Turbopump
LH2 Turbopump
Hydrogen Turbopump
Turbomachinery Technology
LOX/LH2 Combustion Device
LOX/LH2 TCA & GG
Injector Stability

Thursday, 7 February

: 8:00 - 5:00

Session 1
(Washington Rm)

Session 2
(Commonwealth Aud)

Avionics:

Area Summary
Multi-path Redundant Avionics
Adaptive Guidance & Control
Electromechanical Actuators

Propulsion:

EM Prop Control
Controller/Sequencer
Rocket Engine Condition Monitor
Clean Solid Propellant
Integration & Verification
NDE Solid Rocket Motors
MSFC Combustion Device Test
Facility

Structures/Manufacturing

Area Summary
AI LI Process Validation
AI LI Advanced Processing
Expendable Structures
Advanced Cryogenic Tank
Composite Intertank
Low Cost TPS

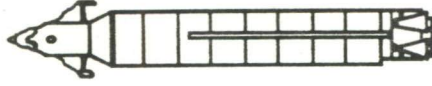
SSC Turbomachinery Facility
AFAL Thrust Chamber Facility

Recovery:

Area Summary
Recovery & Relubishment
Booster Recovery Module

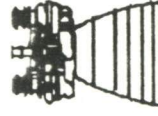
DISPLAYS AND TUESDAY SESSIONS ARE OPEN TO THE PUBLIC.
WEDNESDAY / THURSDAY SESSIONS ARE BY INVITATION ONLY.

Advanced Development Program Review



THE FOUNDATION FOR THE NATIONAL LAUNCH ARCHITECTURE

Washington, D.C.
(5-8 February 1991)



Sponsored by:
The Joint DoD / NASA
Advanced Launch
Development Program

HQ Space Systems Division/XRH
Air Force Systems Command
Los Angeles Air Force Base
Los Angeles California 90009-2960

HOLIDAY INN CROWNE PLAZA
Arlington, VA
(703) 892-4100

REGISTRATION INFORMATION

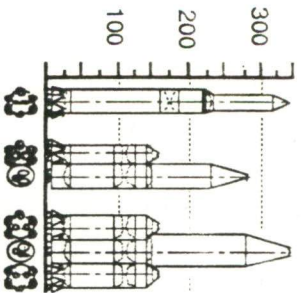
- A block of rooms are reserved under the name "DoD/NASA ADP Review" with both Government and Corporate rates.
- Any questions about the review can be directed to Capt Schwarz at (213) 336-4628.



DIRECTIONS

From the North: Take I-95(S) towards Richmond. Cross Woodrow Wilson Bridge. Take first exit, Rt.1(N), follow into Crystal City. Take right on 15th Street, one block to Eades. Make right onto Eades, to Army Navy Drive. Make right on Army Navy Drive. Go two blocks, hotel will be on the right.

From the South: Take I-95(N) to 395(N). Take Crystal City/National Airport exit. Left on first light onto Army Navy Drive. Go three blocks, hotel will be on the right.



technology base on which this nation will ride into space in the 21st century.

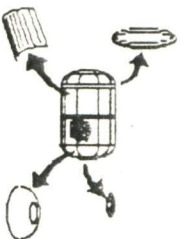
Introduction: Welcome to the Advanced Development Program Review for 1991. This is the third meeting to review technical progress. The program is currently executing the tasks that will form the

generation launch system into the 21st century and beyond. At the heart of these tasks is the prototyping and development of a new low cost, highly reliable liquid oxygen (LOX) and liquid hydrogen (LH) engine. Working under the direction of the Joint National Program Office, this area is managed by the Marshall Space Flight Center and executed by a consortium of contractors made up of Aerojet, Rocketdyne, and Pratt & Whitney. Additionally the development of clean, reliable solid systems are being explored as a potential propulsion system and to provide flexibility at the smaller end of the payload scale.



The Avionics and software area contains new adaptive guidance and control systems which are being pursued along with multi-path redundant avionics

to assure greater reliability and flexibility in the new launch system. These new technologies that are being demonstrated along with new electromechanical actuators will offer the system designers the proven technologies to enable the system to provide on-demand launch and autonomous operational capabilities, increased reliability, reduced manpower demands for checkout, maintenance, and flight preparations; and reduced life-cycle costs. These efforts are being managed by the Langley Research Center and executed by system design contractors and Air Force and NASA laboratories.



The Structures / Manufacturing / Materials area is focused on developing and validating materials and processes for significantly reducing the development and recurring costs of the next generation systems. The major emphasis is on the qualification of new aluminum-lithium alloys and the development of advanced processes using these materials. Alloys formulated with lithium offer direct savings in structural weight and promise greatly reduced manufacturing costs through near-net shape forming processes without

strength loss. Tasks in this area are validating the viability of using aluminum-lithium in the next generation launch system and are additionally introducing all tiers of manufacturing to the new ways of doing business in a Total Quality Management (TQM) environment. Tasks in this area are managed by the Langley Research Center and executed by both system design contractors and Air Force and NASA laboratories.



The Aerothermodynamics/Recovery area tasks seek to prove the concepts and demonstrate the ability to meet cost goals of the next generation launch systems by testing the recovery and refurbishment concepts necessary to recover and reuse high value components of the next generation launch system. The efforts are managed by the Marshall Space Flight Center with aid provided by Wright Research and Development Center.



The Operations area is exploring new concepts and technologies necessary to provide the next generation launch systems with the ability to meet the operability requirements

demanding by users who require a launch on demand capability. Alternative pyrotechnics, advanced leak detection, autonomous launch operations, and advanced launch processes are but a few of the tasks being demonstrated in this area which is so critical to the success of any new system and with extensive potential to improve the efficiency of existing government systems and global competitiveness of civil launch systems. The effort is managed by the people closest to the actual operations of today's encumbered systems at Kennedy Space Center with assistance from the Astronautics Laboratory of the Air Force.



The Propulsion Area objectives are to develop the key propulsion technologies necessary to power the next

Background: The Advanced Development Program (ADP) is a joint Department of Defense (DoD) and National Aeronautics and Space Administration (NASA) focused technology program to demonstrate the technologies necessary to meet the operability and cost goals of the next generation space launch systems. The concept and basic architecture for the program was developed during the joint DoD and NASA Space Transportation and Architecture Study (STAS) to satisfy the national launch needs into the 21st century. The program then evolved into the establishing technical base and methodology for proving the cost and concepts for the joint DoD and NASA Advanced Launch System (ALS) Program. As the program has developed it has become not only the technical base for the ALS program but a source for technology improvements to today's existing fleet of launch vehicles. Today the program is the foundation of the Air Force's Senior Launch Review "Roadmap" and a major portion of the DoD's input into NASA's Space Exploration Initiative (SEI) Project Outreach.

Components: The Advanced Development Program is divided up into five areas of concentration. These areas are: 1) Propulsion, 2) Avionics/Software, 3) Structures/Materials/Manufacturing, 4) Aerothermodynamics/Recovery, and 5) Operations.

"CORRESPONDENCE TRACKING"

TYPE: INFORMATION

DOCUMENT NUMBER: 9120252

FROM: OLER, WILLIAM H.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/20/91

SUBJECT: REMINDER OF THE APRIL 10TH DATE FOR YOUR YSEA AWARD

ASSIGNED TO:

ACTION REQUIRED:

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

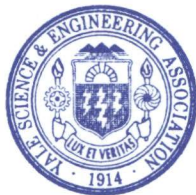
REMARKS:

DATE RECEIVED: 01/25/91

FILE: *P*- INVITE ~~FOLLOW-UP/YSEA~~

9120252

YALE SCIENCE & ENGINEERING ASSOCIATION INC.



Yale in
SCIENCE
ENGINEERING
INDUSTRY AND
COMMERCE

10 HILLHOUSE AVENUE
P.O. BOX 1968
NEW HAVEN, CT. 06520-1968

Steven E. Lasewicz Jr. '60E
President

John P. Marano '66 MS, '69Ph.D.
Executive Vice President

Hugo H. Beit '53E
Secretary

Robert W. Cornell '45WE, '46ME
Treasurer '50D.Eng.

COMMITTEE CHAIRS:

George Gagliardi '79BS
Schools

Peter C. Van Dine '60
Communication

William H. Oler II '45E
Awards

F. Steele Blackall III '45WE
Industry

Lazaros P. Mavrides '68, '73PhD
Membership

Scott R. Dardig '73
Nominating

DISTRICT VICE PRESIDENTS:

Dorothy J. Cunningham '66PhD
Metropolitan

C. Peter Van Dine '60
Connecticut

George Gagliardi '79BS
New England

Richard B. Russ '40E, '56ME
Empire

John C. Dorfman '45W
Mid-Atlantic

Andrew A. Pouring '63PhD
Southeast

Herbert S. Cook '37S
Ohio-Michigan

Barry S. Crown '53E, '54E
Midwest

Robert R. J. Kunkler '88
Southwest

P. Thomas Schoenemann '58E, '59ME
Pacific

EXECUTIVE BOARD:

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Joan K. Alexander '84
F. Steele Blackall III '45WE
Anne M. Briscoe '49PhD
David L. G. Gallimore '84
Michael A. Strosio '73PhD

Class of 1991

Bruce A. Cunningham '66PhD
David Goldfarb '77, '81MD
Anna Marie Lyles '83
Sal J. Nuzzo '53E
William H. Oler II '45E

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Phillip S. Babb '35
Scott R. Dardig '73
Richard N. Foster '63E, '66PhD
Lazaros P. Mavrides '68 '73PhD
David M. McConoughey '64

ASSOCIATION OF YALE ALUMNI REPRESENTATIVE

F. Steele Blackall III '45WE
George Gagliardi '79
David Goldfarb '77, '81MD

January 20, 1991

Dr. D. Allan Bromley
Assistant to the President for
Science and Technology
The White House
Washington, DC

Dear Allan,

A brief note to remind you of the April 10th date coming up for your YSEA award. With all that's been going on, I didn't want you to forget about us.

More will be coming a little later about the details of the evening, but I can assure you that a lot of your friends in New Haven are looking forward to having a chance to join you for this special occasion.

Hope things are going well for you and that we will be seeing you in April.

With best personal regards,

Bill

William H. Oler

OFFICE OF THE
DIRECTOR

91 JAN 25 AM 11:17

RECEIVED

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120193

SPEECH: YES NO

FROM: FUQUA, DON

DATE OF EVENT: 04/17/91

LOCATION OF EVENT: THE MADISON HOTEL, 15TH & M STREETS, N.W.

TIME OF EVENT: 06:00PM

SUBJECT: THE AIA TECHNICAL AND OPERATIONS COUNCIL'S ANNUAL
RECEPTION AND DINNER

RSVP: 02/14/91

CONTACT PERSON: BRENDA MCGRUDER

CONTACT NUMBER: 202/371-8431

INVITATION ACCEPTED?

~~YES~~

NO

2/4/91 - Regretted to Brenda!

COPIES TO: Dr. Wong

REMARKS:

DATE OF LETTER: 01/22/91

DATE RECEIVED: 01/25/91

FILE: *P-* INVITATION-AEROSPACE

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120193

SPEECH: YES NO

FROM: FUQUA, DON

DATE OF EVENT: 04/17/91

LOCATION OF EVENT: THE MADISON HOTEL, 15TH & M STREETS, N.W.

TIME OF EVENT: 06:00PM

SUBJECT: THE AIA TECHNICAL AND OPERATIONS COUNCIL'S ANNUAL
RECEPTION AND DINNER

RSVP: 02/14/91

CONTACT PERSON: BRENDA MCGRUDER

CONTACT NUMBER: 202/371-8431

INVITATION ACCEPTED? YES NO

COPIES TO: Dr. Wong

REMARKS:

DATE OF LETTER: 01/22/91

DATE RECEIVED: 01/25/91

FILE: INVITATION-AEROSPACE



Aerospace
Industries
Association



Don Fuqua
President
371-8501

January 22, 1991

Dr. D. Allan Bromley
Science Advisor to the President
and Director, OSTP
Old Executive Office Building
Washington, DC 20506

Dear Dr. Bromley:

This letter confirms discussions between John Swihart and your office. The AIA Technical and Operations Council cordially invites you to its Annual Reception and Dinner on the evening of April 17, 1991 at The Madison Hotel, 15th & M Streets, N.W., Washington, D.C.

An evening with government guests has become a traditional part of our Spring meeting. Its purpose is to allow us to become better acquainted and to improve the effectiveness of our communications. There will be no formal speeches or presentations and all conversations will be off-the-record. We have also invited senior officials from other agencies concerned with aerospace matters.

The Technical and Operations Council is made up of one corporate member from each AIA member company and acts as the aerospace industry's senior technical advisory body. These individuals are usually the top technical and operations vice presidents of their companies and are directly or indirectly responsible for research, development and operations activities within their companies. The Council is responsible for seeking solutions to broad management problems of mutual concern to government and industry. It operates through formal committees and direct personal liaison with government officials. A list of Council members and their affiliation is attached.

We hope you will find it possible to join us for this occasion. Cocktails will begin at 6:00 P.M. with dinner following at 7:00 P.M. We would appreciate confirmation at your earliest convenience. Please call Brenda McGruder at (202) 371-8431.

Sincerely,

Don Fuqua

OFFICE OF THE
DIRECTOR

Attachment

DF:ss

RECEIVED

TECHNICAL AND OPERATIONS COUNCIL1991

Aerojet General	H. W. (Hal) Campen	.Director Technology Development
Aeronca	J. E. (Jim) Shrout	.V.P., Engineering
Alcoa	W. S. (Walt) Cebulak	.Manager Government Technology
Allied-Signal	H. J. (Henry) Lopez	.Vice President, Engineering & Technology
Argo-Tech	R. (Romas) Bublys	.Vice President of Engineering
BASF	G. P. (Gene) Daumit	.Technical Director
Best Foam Fabricators.	H. A. (Harith) Razaa	.Vice President Government Affairs
BFGoodrich	J. S. (Jerry) Lee	.V.P., Aerospace Division Research
B. H. Aircraft.	R. F. (Bob) Kearns	.Executive Vice President
Boeing	A. D. (Bert) Welliver	.V.P., Engineering & Technology
Coltec	A. J. (Anthony) Gentile	.Vice President, Engineering
E-Systems	S. A. (Sam) Musa	.V.P., Research & Technology
Fairchild	P. A. (Peter) Marino	.Sr. V.P. Operations & Technology
FMC	S. (Srinivasan) Rajagopal	
General Dynamics.	R. G. (Reg) Low	.Corp. V.P., Technology Develop. & Engrng.
General Electric.	F. E. (Frank) Pickering	.V.P., Gen. Mgr., Aircraft Engines Div.
General Motors.	A. N. (Arthur) Chester	.Vice President & Director
Grumman	T. (Tom) McGrath	.Sr. V.P., Manufacturing
Harris	C. J. (Carmen) Palermo	.V.P. & Chief Scientist
Heath Tecna	M. (Mel) Classen	.Director of Engineering
Hercules.	R. J. (Robert) Schwarz	.V.P., Technology
Hexcel.	J. D. (James) Otis	.Sr. V.P., Int'l & Specialty Products
Honeywell	L. R. (Len) Weisberg	.V.P., Research & Engineering
IBM	P. M. (Peter) Schultz	.Director, Owego Laboratory
ITT	L. (Lou) Giuliano	.V.P. Defense Operations
Kaman Aerospace	D. J. (David) White	.V.P., Engineering Technology
Lockheed.	R. P. (Chris) Caren	.Corp. V.P., Science & Engineering
LTV	F. W. (Felix) Fenter	.President, Missiles Div.
Lucas Aerospace	K. (Kevin) Speight	.Vice President Technology Operations
Martin Marietta	R. G. (Robert) Morra	.V.P., Technical Operations
McDonnell Douglas	R. L. (Ronald) Kerber	.V.P., Technology & Business Development
Northrop	G. J. (George) Friedman	.V.P., Engrg. & Long Range Planning
Parker Hannifin	W. D. (Bill) Wilkerson	.V.P. & Director, Advanced Technology
Raytheon	P. W. (Philip) Cheney	.V.P. Engineering
Rockwell.	M. I. (Mike) Yarymovych	.V.P. & Associate Center Director
Rohr.	A. A. (Alek) Mikolajczak	.V.P., Technology & New Products
Smiths Industries	A. (Angelo) Dimitriou	.Vice President, Engineering
Sundstrand.	J. P. (Jerry) Mullin	.V.P., Research, Adv. Technology Gp.
Teledyne, Inc.	H. (Harry) Halamandaris	.Director of Technology
Texas Instruments	R. M. (Robert) Lockerd	.V.P. Defense Systems & Electronics Gp.
Textron	R. (Richard) Ainsworth	.Vice President, Engineering
Thiokol	R. K. (Robert) Lund	.V.P., Advanced Technology
TRW	J. R. (Bob) Burnett	.Exec. V.P. & Dep. Gen. Mgr., Space & Def.
United Technologies	B. L. (Ben) Koff	.Exec. V.P. Gp. Engrg. & Tech.
Westinghouse.	R. N. (Noel) Longuemare	.V.P. & Gen. Mgr., Sys. Dev. & Tech. Divs.
AIA	S. N. (Stan) Siegel	.Vice President, Technical & Operations
AIA	M. J. (Malt) Maltagliati	.Assistant Vice President, Technical

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9121148

SPEECH: YES NO

FROM: TOLL, John S.: UNIVERSITIES RESEARCH ASSOCIATION

DATE OF EVENT: 02/01/91

LOCATION OF EVENT: NATIONAL ACADEMY OF SCIENCES

TIME OF EVENT:

SUBJECT: INVITATION TO THE MEETING OF THE COUNCIL OF
PRESIDENTS, AND/OR LUNCH.

RSVP: 02/01/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO:

REMARKS:

DATE OF LETTER: 01/23/91

DATE RECEIVED: 01/23/91

FILE: P- INVITATION

THE WHITE HOUSE

WASHINGTON

February 21, 1991

Dear Johnny:

Unfortunately your letter of January 23, in which you invite me to join you for lunch on February 1 during the meeting of your Council of Presidents, arrived here only on February 7 for reasons which defy rational understanding.

That being the case, of course, I can only say that I am sorry and that I would have made an effort to at least join you for lunch had I known about it in time.

Please give my apologies to the Council and perhaps we can look forward to better luck next year.

With all best wishes,

Sincerely yours,



D. Allan Bromley
Assistant to the President
for
Science and Technology

Dr. John S. Toll
President
Universities Research Association, Inc.
1111 19th Street, Northwest, Suite 400
Washington, D.C. 20036

9121148

UNIVERSITIES RESEARCH ASSOCIATION, INC.

1111 19th Street, N.W. Suite 400 Washington, D.C. 20036
Telephone: (202) 293-1382 Fax: (202) 293-5012

January 23, 1991

Dr. D. Allan Bromley
Assistant to the President for Science
and Technology Policy
Office of Science and Technology Policy
Old Executive Office Building
Room 360
17th Street and Pennsylvania Avenue, N.W.
Washington, D.C. 20506

Dear Dr. Bromley:

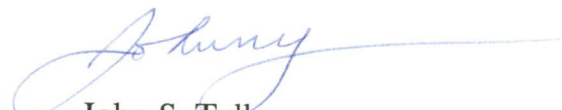
Last year you were the principal speaker at the annual meeting of the Council of Presidents of the Universities Research Association, Inc. Your address made our meeting a great success.

This year the Council of Presidents will be meeting on February 1, 1991. Again the meeting will be at the National Academy of Sciences. There will be two major speakers: the first will be Representative George E. Brown, Jr., the newly-elected Chairman of the House Science, Space, and Technology Committee. The second speaker will be Deputy Secretary W. Henson Moore of the U.S. Department of Energy.

I enclose a copy of the agenda for the meeting. We would be honored and pleased if you would care to join us for any of the meeting and/or for lunch. Approximately ten of our presidents will be present and the others will be represented by leading scientists at their institutions.

Of course, we know how busy you are and will understand if you are not free to join us. If you would like me to come in at any time to brief you on the work of the Universities Research Association, the SSC Lab and Fermilab, or if there is any other way I can assist you, please let me know.

With best wishes,


John S. Toll
President

RECEIVED
91 JAN 28 PM 12:52
DIRECTOR
OFFICE OF THE

Enclosure

**COUNCIL OF PRESIDENTS
UNIVERSITIES RESEARCH ASSOCIATION**

1111 19th Street, N.W. Suite 400 Washington, D.C. 20036
(202) 293-1382

1/23/91

**URA COUNCIL OF PRESIDENTS
ANNUAL MEETING
February 1, 1991
10:00 A.M.**

The Lecture Room
National Academy of Sciences
2101 Constitution Avenue, N.W.
Washington, D.C.

AGENDA

1. Announcements of the Chairman, Thomas E. Everhart
2. Approval of the Minutes of the Annual Meeting of February 23, 1990
3. Guest Speaker: Honorable George E. Brown, Jr.
Chairman, Committee on Science, Space and Technology
U.S. House of Representatives
4. Report of the Treasurer of URA, Kenneth R. Shirley
5. Report of the President of URA, John S. Toll
6. Report of the Chairman of the URA Board of Trustees, John H. Marburger
7. Guest Speaker: Honorable W. Henson Moore
Deputy Secretary
U.S. Department of Energy

**Recess at 12:15 PM for Lunch in Academy's Alcove
Reconvene at 1:15 PM in the Lecture Room**

8. Report of the Chairman of the SSC Board of Overseers, W.K.H. Panofsky
9. Report of the Chairman of the Fermilab Board of Overseers, Maurice Glicksman
10. Approval of Amendment to URA Bylaws to Increase Maximum Number of At-Large Overseers on the Boards of Overseers
11. Approval of Regional Reassignment of Two URA Member Universities
12. Approval of One Application for Membership in URA
13. Election of Regional Trustees and Trustees-at-Large
14. Election of Council Officers and Members of Committees for 1991
15. Report on Fermilab, Alvin V. Tollestrup, Co-spokesman, CDF Collaboration
16. Report of the Director of the Superconducting Super Collider Laboratory, Roy F. Schwitters
17. Other Business

A D J O U R N M E N T

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120189

SPEECH: YES NO

FROM: ROBINSON, WALLACE H. (JR.)

DATE OF EVENT: 03/06/91

LOCATION OF EVENT: SHERATON WASHINGTON HOTEL, WASHINGTON, D.C.

TIME OF EVENT: 07:00PM

SUBJECT: THE NATIONAL SECURITY INDUSTRIAL ASSOCIATION'S
THIRTY-SEVENTH JAMES FORRESTAL MEMORIAL AWARD DINNER

RSVP: 02/08/91

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

COPIES TO:

REMARKS:

DATE OF LETTER: 01/15/91

DATE RECEIVED: 01/23/91

FILE: P- INVITATION

NATIONAL SECURITY INDUSTRIAL ASSOCIATION

James Forrestal Memorial Award Dinner

DAIS GUEST

☐ I accept

☒ I decline your invitation to attend NSIA's Thirty-seventh Forrestal Memorial Award Dinner at 7:00 p.m. at the Sheraton Washington Hotel, Washington, D.C. on 6 March 1991.

My spouse or guest will accompany me: ☐ YES ☐ NO

PLEASE PRINT:

Name Dr. D. Allan Bromley
First Middle Last

Title & Organization Assistant to the President for Science & Technology

NOTE: Please return as soon as possible.



9/20/89

NATIONAL SECURITY INDUSTRIAL ASSOCIATION

National Headquarters

1025 Connecticut Avenue, N.W.
Suite 300
Washington, D.C. 20036
Telephone: (202) 775-1440
FAX: (202) 775-1309

JAN 23 11:45
OFFICE OF THE
DIRECTOR

M.C. Baird, Jr.
Chairman,
Board of Trustees
J. F. Caligiuri
Vice Chairman,
Board of Trustees
Chairman,
Executive Committee
F. J. Lewis
Vice Chairman,
Executive Committee
W. H. Robinson, Jr.
President

15 January 1991

Dr. D. Allan Bromley
Science Advisor to the President
Executive Office Building
Washington, DC 20500

Dear Dr. Bromley:

The National Security Industrial Association will hold its Thirty-seventh James Forrestal Memorial Award Dinner at the Sheraton Washington Hotel in Washington, DC, on Wednesday, 6 March 1991.

The Honorable Nicholas Mavroules, United States Representative from Massachusetts, has been selected to receive the Forrestal Award for 1990 and will deliver the Forrestal address.

In behalf of the Officers and Trustees of the Association, it is my privilege to extend to you a most cordial invitation to be one of our dais guests.

The Association would be very happy if your spouse or guest could also attend, for whom arrangements for seating at an NSIA table will be made.

Prior to the dinner in the Sheraton Washington Ballroom, and separate from the general reception in the Sheraton Ballroom Foyer, a special reception for dais guests will be held from 7:00 PM to 7:45 PM in the Delaware Suite.

We look forward with pleasure to have you with us.

Sincerely,


Wallace H. Robinson, Jr.
President

WHR:MR
Enclosures: Response card and envelope
Dress for Dinner:
Black tie

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120192

SPEECH: YES NO

FROM: LAUDICINA, PAUL A.

DATE OF EVENT: 04/16/91

LOCATION OF EVENT: WASHINGTON, D.C.

TIME OF EVENT:

SUBJECT: SRI'S MEETING TO DISCUSS THE CHALLENGES CONFRONTING
THE U.S. AND ECONOMIC PARTNERS OVER GLOBAL
COMPETITION ISSUES.

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

COPIES TO: Dr. Phillips

REMARKS:

2/22/91

Regretted to Marion

nn

DATE OF LETTER: 01/15/91

DATE RECEIVED: 01/22/91

FILE: P- INVITE-~~GLOBAL~~ COMPETITION

9120192



Paul A. Laudicina

Vice President Washington Operations

January 15, 1991

The Honorable D. Allan Bromley
Assistant to the President for
Science and Technology and Director
Office of Science and Technology Policy
Old Executive Office Building
17th & Pennsylvania Avenue, N.W.
Washington, D.C. 20506

Dear Mr. Bromley:

I write to extend a cordial invitation to you to meet with a select group of foreign top-management corporate executives from SRI's Washington International Corporate Circle. As you know, SRI International, formerly the Stanford Research Institute, is one of the world's largest not-for-profit research and consulting firms.

We are particularly interested in having you take part in our April 16-17 meeting in Washington, in order to offer your thinking on the tremendous challenges confronting the U.S. and our major economic partners over global competition issues.

The Corporate Circle has been serving as a very effective channel for the exchange of ideas between top U.S. policy-makers and leaders of the foreign business community. It regularly brings its European and Asian corporate executives to Washington for discreet, off-the-record discussions on how U.S. policy affects the international economy. With members such as Credit Suisse, Mazda Motor Corporation, Philips, Norsk Hydro, and Fuji Bank, the Corporate Circle has met with a wide array of leaders from the Administration and the Congress, including George Bush, Tom Foley, Robert Dole, Michael Boskin, Julius Katz, David Mulford, Bill Bradley, Lee Hamilton, Alan Simpson, Jake Garn, Les Aspin, and Paul Sarbanes.

We very much hope you will be able to be with us, and we will be in touch with your office to coordinate this.

Sincerely yours,

Paul A. Laudicina

PAL/sam

SRI International

1611 N. Kent Street • Arlington, VA 22209 • Tel: (703) 247-8443 • Facsimile: (703) 247-8410 • Telex: 6714879 (SRI DC)

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120118

SPEECH: YES NO

FROM: *from ICN Pharm*
INTERNAT'L VIROLOGY PRIZE SELECTION COMMITTEE

DATE OF EVENT: 02/07/91

LOCATION OF EVENT: THE CLOISTERS, BETHESDA, MARYLAND

TIME OF EVENT: 07:30PM

SUBJECT: AWARD PRESENTATION HONORING ROBERT M. CHANOCK, M.D.

RSVP:

CONTACT PERSON:

CONTACT NUMBER: 800/548-5100

INVITATION ACCEPTED?

☒ YES

☐ NO

COPIES TO:

REMARKS: FORMAL INVITATION TO FOLLOW

DATE OF LETTER: 01/18/91

DATE RECEIVED: 01/19/91

FILE: ~~LIFE-SCI-INFECTIOUS DISEASE~~

P Invitation

*1/24/91
Regretted to
miss*

ICN PHARMACEUTICALS
3300 HYLAND AVENUE
COSTA MESA, CA 92626 18AM

**WESTERN
UNION** | **MAILGRAM**®



1-040203U018048 01/18/91 ICS WA16614
00151 MLTN VA 01/18/91 JN01759

118

WSHA

DR. ALAN BROMLEY
ASSISTANT TO THE PRESIDENT
FOR SCIENCE & TECHNOLOGY
OLD EXECUTIVE OFFICE BUILDING
17TH AND PENNSYLVANIA AVE., N.W. RM. 358
WASHINGTON DC 20506

PLEASE HOLD THURSDAY, FEBRUARY 7, 1991 OPEN TO HONOR ROBERT M.
CHANOCK, M.D., CHIEF OF THE LABORATORY OF INFECTIOUS DISEASES OF
THE NATIONAL INSTITUTE OF HEALTH, RECIPIENT OF THE ANNUAL ICN
INTERNATIONAL PRIZE IN VIROLOGY. AWARD PRESENTATION AND DINNER
7:30 PM, THE CLOISTERS, NATIONAL INSTITUTE OF HEALTH CAMPUS,
BETHESDA, MD. FORMAL INVITATION TO FOLLOW IN MAIL. (FURTHER
INFORMATION: 1-800-548-5100 X2352).

ICN INTERNATIONAL VIROLOGY PRIZE SELECTION COMMITTEE

15:09 EST

MGMCOMP

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120125

SPEECH: YES NO

FROM: ICCCR

DATE OF EVENT: 02/12/91

LOCATION OF EVENT: STRATHMORE HALL ARTS CENTER, ROCKVILLE, MD

TIME OF EVENT: 06:30PM

SUBJECT: INTERNAT'L CONFERENCE ON CANCER PREVENTION "FACTS,
MAYBES & RUMORS"

RSVP: 02/06/91

CONTACT PERSON: PAM JACKSON

CONTACT NUMBER: 544-1880

INVITATION ACCEPTED? YES

NO

COPIES TO:

REMARKS:

DATE OF LETTER: 01/18/91

DATE RECEIVED: 01/19/91

FILE: *P* INVITATION-~~ICCCR~~

"FACTS, MAYBES & RUMORS"

**ICCCR International Conference on Cancer Prevention
February 12-13, 1991
Bethesda, Maryland—USA**

Since 1985, the International Council for Coordinating Cancer Research (ICCCR) together with the French Association for Research on Cancer (ARC) and the National Institutes of Health (NIH) have sponsored numerous conferences and symposia designed to provide a forum to discuss specific research findings and expand international communication and research networks between scientists.

This year, ICCCR is hosting the First International Conference on Cancer Prevention: **Facts, Maybes & Rumors**. One specific goal of the conference is to delineate some basic perspectives about cancer causation: establish the FACTS that have been scientifically proven; the MAYBES that are intriguing and under active examination; and the powerful RUMORS that are unproven and often distort media and public opinion about cancer. In addition, this Conference will provide a forum to discuss how the research community can mobilize its knowledge base and expertise in shaping health care policy, bring the international research community a concise picture of the current foundation of prevention research, and provide the opportunity for prevention experts to collaboratively define a research agenda. Specifically, it is hoped that this conference will stimulate increased international awareness of the dangers associated with all aspects of smoking, promote research on the nutritional and environmental factors of cancers, and through campaigns promote worldwide awareness about breast cancer.

**International Council for
Coordinating Cancer Research
(ICCCR)**

The International Council for Coordinating Cancer Research (ICCCR) is a non-profit organization that acts as a catalyst in promoting collaboration between cancer research scientists worldwide in an effort to accelerate methods for the control of cancer.

ICCCR's activities which complement existing public and private cancer efforts worldwide include: increasing opportunities for scientific exchange through international symposia and workshops; promoting joint cancer research projects in Europe, Africa, America and Asia; developing action initiatives to generate more resources for cancer research worldwide; and addressing the impact of global public health policy on medical research.

For the next two years, ICCCR will urge scientists, public health leaders and politicians to focus on the importance of worldwide cancer prevention.

**The International Council for
Coordinating Cancer Research (ICCCR)**

Jacques Crozemarie
Chairman and Founder

Vincent I. DeVita, Jr., M.D.
President

C. Everett Koop, M.D.
Chairman, Steering Committee



Cordially invites you to attend
a Reception
on the occasion of the

**ICCCR International Conference on Cancer Prevention
"FACTS, MAYBES & RUMORS"**



Tuesday, February 12, 1991
from six thirty until eight thirty p.m.

at the
Strathmore Hall Arts Center
Rockville, Maryland



Please respond by enclosed card
For information call (202) 544-1880

Business attire

ICCCR gratefully acknowledges the generous donation by GLAXO in support of this reception.

Board of Directors

INTERNATIONAL COUNCIL FOR COORDINATING CANCER RESEARCH

Jacques Crozemarie

Chairman and Founder
International Council for Coordinating Cancer Research (ICCCR)

President

French Association for Research on Cancer (ARC)

Vincent T. DeVita, Jr., M.D.

President

Physician-in-Chief, Memorial Sloan-Kettering Cancer Center

Vice Presidents

George A. Brakeley, Jr.

Founding Chairman

Brakeley, John Price Jones, Inc.

Nancy Brinker

Chairman and Founder

The Susan G. Komen Foundation

Peter J. Fischinger, M.D., Ph.D.

Vice President for Research

Medical University of South Carolina

Alice Fordyce

Executive Vice President

Albert and Mary Lasker Foundation

C. Everett Koop, M.D.

Former U.S. Surgeon General

Chairman, SAFE KIDS

Terry Lierman

President

Capitol Associates, Inc.

Takashi Sugimura, M.D.

President

Japanese National Cancer Center

General Secretary

Richard K. Bernstein

Richard K. Bernstein Associates

Steering Committee

ICCCR INTERNATIONAL CONFERENCE ON CANCER PREVENTION

Chairman

C. Everett Koop, M.D.
Safe Kids

Committee Members

Jacques Crozemarie

International Council for Coordinating Cancer Research

Alan C. Davis

American Cancer Society, Inc.

Vincent T. DeVita, Jr., M.D.

Memorial Sloan-Kettering Cancer Center

Peter J. Fischinger, M.D., Ph.D.

Medical University of South Carolina

Peter Greenwald, M.D., Dr. PH

National Cancer Institute

Maureen M. Henderson, M.D.

Fred Hutchinson Cancer Research Center

Elizabeth Whelan, Ph.D.

The American Council on Science and Health

In memoriam of Steering Committee Member

Joseph W. Cullen, Ph.D.

AMC Cancer Research Center

STRATHMORE HALL ARTS CENTER ROCKVILLE, MARYLAND

Strathmore Hall Arts Center is more than just an art gallery and concert hall, it is a beautiful showcase for the visual, literary and performing artists of the area. Originally constructed in 1902 as a private family residence, Strathmore Hall was then repurchased and extensively renovated in 1914, when it became the gathering place for wealth, style and culture at afternoon teas and evening musicals. In 1943, the well-known estate and its four hundred acres were sold to the Sisters of the Holy Cross.

After thirty years as a school and residence, the mansion and thirty-three surrounding acres became the temporary headquarters of the American Speech-Language-Hearing Association. In late 1979, Montgomery County, Maryland bought the mansion and the remaining eleven acres, lending it to the National Symphony Orchestra as its 1981 Decorators' Show House. On June 24, 1983, Montgomery County turned the mansion over to the nonprofit Strathmore Hall Foundation, Inc. to operate as the Strathmore Hall Arts Center.

Directions

Strathmore Hall is adjacent to the Grosvenor Metro Station. If you're traveling westbound on the Capital Beltway, take Exit 34 North; If you're traveling eastbound, take Exit 34 South and make a U turn after the first light.

Fully Handicapped Accessible



ICCCR International Conference on Cancer Prevention
"FACTS, MAYBES & RUMORS"

RECEPTION

Tuesday, February 12, 1991 • 6:30-8:30 PM
Strathmore Hall Arts Center • Rockville, Maryland

R.S.V.P. DEADLINE: Wednesday, February 6, 1991

Name Dr. D. Allan Bromley
Title Assistant to the President for Science &
Address 17th St. & Pa. Ave. NW Technology
Old Executive Office Building
Washington, D.C. 20506
Phone 202/456-7116 Fax _____
Will attend _____ Will not attend X

For additional information call: (202) 544-1880/Pam Jackson

"CORRESPONDENCE TRACKING"

TYPE: ACTION

DOCUMENT NUMBER: 9120100

FROM: CHAFFEE, DAVID C.

TO: DR. BROMLEY

DATE OF
CORRESPONDENCE: 01/16/91

SUBJECT: INVITATION TO THE EDITORIAL BOARD OF SUPER COLLIDER
NEWS

ASSIGNED TO: D. Allan Bromley

*See theak Ther in
Legal!*

ACTION REQUIRED: AS NECESSARY

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED:

COPIES TO:

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

DATE RECEIVED: 01/19/91

FILE: ~~SUPER COLLIDER NEWS~~

7- invitation

THE WHITE HOUSE

WASHINGTON

February 22, 1991

Dear Dr. Chaffee:

Many thanks for your invitation to sit on the Editorial Board of **Super Collider News**. While I appreciate the invitation, I am afraid that I must decline. It would simply not be appropriate for me in my present position to join you on your board.

With all best wishes,

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with the first name "D." and last name "Bromley" clearly distinguishable.

D. Allan Bromley
Assistant to the President
for
Science and Technology

Dr. C. David Chaffee
Executive Editor
Super Collider News
Atlantic Information Services, Inc.
1050 17th Street, N.W., Suite 480
Washington, D.C. 20036

THE WHITE HOUSE

WASHINGTON

February 22, 1991

Dear Dr. Chaffee:

Many thanks for your invitation to sit on the Editorial Board of **Super Collider News**. While I appreciate the invitation, I am afraid that I must decline. It would simply not be appropriate for me in my present position to join you on your board.

With all best wishes,

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with the first name "D." being small and the last name "Bromley" being larger and more prominent.

D. Allan Bromley
Assistant to the President
for
Science and Technology

Dr. C. David Chaffee
Executive Editor
Super Collider News
Atlantic Information Services, Inc.
1050 17th Street, N.W., Suite 480
Washington, D.C. 20036

SUPER COLLIDER

NEWS

January 16, 1991

Dr. D. Allan Bromley
Director
OSTP
Old Executive Office Building
Washington, DC 20500

Dear Dr. Bromley:

The purpose of this letter is to formally invite you to sit on the Editorial Board of SUPER COLLIDER NEWS. It is hard to think of an advisory board of this type functioning without you and we would be greatly appreciative should you be able to join us.

As a board member, you would receive a complimentary subscription to SUPER COLLIDER NEWS. (Since you already receive a complimentary copy, this would be extended indefinitely.) You would also be privy to all internal memoranda having to do with the scope and direction of the publication and yours would be an important voice concerning how accurate and focused the publication is on an issue-by-issue basis.

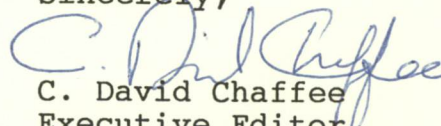
The purpose of the board is to make SUPER COLLIDER NEWS a better, more responsive publication. Input from people such as yourself would help to make that happen. While no formal board meetings are anticipated, your thoughts concerning specific articles appearing in the publication are always welcomed.

As soon as we have received approval from all those joining our board, we will send you a complete list as well as more detailed information about the publication. We will begin your subscription the day we have received confirmation of your participation.

As founding executive editor of SUPER COLLIDER NEWS, I am committed to an open, honest airing of the issues surrounding this fascinating machine. I believe SUPER COLLIDER NEWS can play a critical role in the growth and understanding of SSC. But, to do that, we need intelligent input from those such as yourself who are so instrumental in making the project move.

I look forward to hearing from you soon.

Sincerely,


C. David Chaffee
Executive Editor
SUPER COLLIDER NEWS

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120101

SPEECH: YES NO

FROM: PRESS, FRANK

DATE OF EVENT: 01/30/91

LOCATION OF EVENT: NAT'L ACADEMY OF SCIENCES, N.W., WASHINGTON, D.C.

TIME OF EVENT: 06:30PM

SUBJECT: FINDING COMMON GROUND: U.S. EXPORT CONTROLS IN A
CHANGED GLOBAL ENVIRONMENT

RSVP:

CONTACT PERSON: DEBORAH MACGUFFIE

CONTACT NUMBER: 202/334-2552

INVITATION ACCEPTED?

~~YES~~

NO

1/25/91 - Regretted to Deborah

COPIES TO:

REMARKS:

DATE OF LETTER: 01/15/91

DATE RECEIVED: 01/19/91

FILE: *P.* U.S. EXPORT CONTROLS
Invitation

9120101

NATIONAL ACADEMY OF SCIENCES

2101 CONSTITUTION AVENUE, NW WASHINGTON, D. C. 20418

January 15, 1990

OFFICE OF THE PRESIDENT

The Honorable D. Allan Bromley
Assistant to the President for Science and Technology
Washington, DC 20506

Dear Dr. *Allan* Bromley:

I am pleased to invite you to a dinner and briefing on the forthcoming report of the Committee on Science, Engineering, and Public Policy, Finding Common Ground: U.S. Export Controls in a Changed Global Environment. The report's publication is especially timely in light of current developments and concerns both in Europe and the Middle East.

I hope that you will be able to join us on Wednesday evening, January 30, 1991, at the National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington, D.C., beginning with a reception at 6:30 p.m. in the Members' Room. Dinner will be served in the Lecture Room at 7:00 p.m. After dinner there will be an opportunity for leaders from the Administration, Congress, and industry to discuss aspects of the report with its authors.

This pathbreaking study examines how U.S. export controls should be fashioned in a post-Cold War world, in which the threat of superpower-led alliance confrontation has largely receded, to be replaced by threats of proliferation associated with the expansion of regional conflicts and state-sponsored terrorism. The report makes a number of significant recommendations about U.S. and multilateral export control policy, and about the administration of export controls under the new circumstances.

At the dinner briefing, the chairman of the study panel, Roland W. Schmitt, President of Rensselaer Polytechnic Institute, and the vice chairman, Major General (ret.) William F. Burns, former director of the Arms Control and Disarmament Agency, as well as a number of other panel members and study director Mitchel B. Wallerstein, will describe the report, which will be released at a press conference and public briefing on the following day. I look forward to a candid and lively discussion following their presentation.

I hope that you can join us on the evening of January 30. Please respond to Deborah MacGuffie at 202/334-2552.

Yours sincerely,

Frank Press
Frank Press
President

NATIONAL ACADEMY OF SCIENCES
NATIONAL ACADEMY OF ENGINEERING INSTITUTE OF MEDICINE
COMMITTEE ON SCIENCE, ENGINEERING, AND PUBLIC POLICY

PANEL ON THE FUTURE DESIGN AND
IMPLEMENTATION OF U.S. NATIONAL
SECURITY EXPORT CONTROLS

2101 Constitution Avenue, N.W.
Washington, D.C. 20418
(202) 334-2552

ROLAND W. SCHMITT (Chairman), President, Rensselaer Polytechnic Institute; member, National Science Board of the National Science Foundation (former Chairman, [1984-1988])
WILLIAM F. BURNS (Vice Chairman), Major General (retired), U.S. Army (former Director, U.S. Arms Control and Disarmament Agency [1988]; former Principal Deputy Assistant Secretary of State, Bureau of Politico-Military Affairs [1986-1988])
ARDEN L. BEMENT, Jr., Vice President, Technical Resources, TRW; member, National Science Board of the National Science Foundation (former Deputy Under Secretary of Defense for Research and Engineering [1979-1981])
ASHTON B. CARTER, Professor of Public Policy, J.F.K. School of Government, and Director of the Center for Science and International Affairs, Harvard University
KENNETH W. DAM, Vice President, Law and External Relations, IBM Corporation (former Deputy Secretary of State [1982-1985])
HERBERT M. DWIGHT, Jr., President, Superconductor Technologies, Inc.
JOHN L. ELLICOTT, Chairman, Management Committee, Covington and Burling
LINCOLN D. FAURER, Lieutenant General (retired), U.S. Air Force; President and Chief Executive Officer, Corporation for Open Systems (former Director, National Security Agency [1981-1985])
CHARLES GATI, Professor of Political Science, Union College
SEYMOUR E. GOODMAN, Professor of Management Information Systems and Policy, College of Business and Public Administration, The University of Arizona
RUTH L. GREENSTEIN, Vice President, Administration and Finance, Institute for Defense Analyses (until May 1990, Vice President and General Counsel, Genex Corporation) (former Associate/Deputy General Counsel, National Science Foundation [1981-1984])
BENJAMIN HUBERMAN, President, Consultants International Group, Inc. (former Deputy Director, Office of Science and Technology Policy [1978-1981]; former Senior Staff member, National Security Council [1978-1981])
RAYMOND KLINE, President, National Academy of Public Administration (former Associate Administrator for Management Operations, NASA [1977-1979])
ROBERT LEGVOLD, Director, Harriman Institute, Columbia University
BOYD J. MCKELVAIN, Manager, Corporate Export Administration Operation, General Electric Company; Chairman, Technical Advisory Committee on Implementation of the Militarily Critical Technologies List, Department of Commerce

FAX (202) 334-2854

JOHN L. McLUCAS, Aerospace Consultant (former Secretary of the Air Force [1972-1975])

M. GRANGER MORGAN, Head, Department of Engineering and Public Policy and Professor, Engineering and Public Policy/Electrical and Computer Engineering, Carnegie-Mellon University

WILLIAM J. PERRY, Chairman, H & Q Technology Partners; Co-director, The Center for International Security and Arms Control, Stanford University; member, Defense Science Board (former Under Secretary of Defense for Research and Engineering [1977-1981])

O. M. ROETMAN, Vice President, Government and International Affairs, The Boeing Company

GASTON J. SIGUR, Distinguished Professor of East Asian Studies, School of International Affairs, The George Washington University (former Assistant Secretary of State for East Asian and Pacific Affairs [1986-1989]; former Special Assistant to the President for National Security Affairs [1982-1984])

JOHN D. STEINBRUNER, Director of Foreign Policy Studies, The Brookings Institution

PAULA STERN, President, The Stern Group (former Chair, U.S. International Trade Commission [1984-1986])

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120081

SPEECH: YES NO

FROM: WEBER, ARNOLD R.

DATE OF EVENT: 06/22/91

LOCATION OF EVENT: NORTHWESTEN UNIVERSITY

TIME OF EVENT:

SUBJECT: RECEIVE THE DEGREE OF DOCTOR OF SCIENCE

RSVP:

CONTACT PERSON: ARNOLD R. WEBER

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

~~NO~~

COPIES TO: D. Allan Bromley
Damar Hawkins

REMARKS:

DATE OF LETTER: 01/14/91

DATE RECEIVED: 01/16/91

FILE: P- INVITATION

THE WHITE HOUSE
WASHINGTON

January 18, 1991

Dear President Weber:

I am happy to accept your kind invitation to attend the one hundred and thirty-third Commencement of Northwestern University on Saturday morning, June 22, 1991, to receive the degree of Doctor of Science.

I shall be most happy and honored to join the Northwestern University family and will look forward to receiving from you the details concerning commencement plans mentioned in your January 14 letter.

With all best wishes for a happy and prosperous 1991,

Sincerely yours,

A handwritten signature in dark ink, appearing to read "D. Allan Bromley". The signature is fluid and cursive, with the first name "D. Allan" and last name "Bromley" clearly distinguishable.

D. Allan Bromley
Assistant to the President
for
Science and Technology

Dr. Arnold R. Weber
President
Northwestern University
Evanston, Illinois 60208

NORTHWESTERN UNIVERSITY
EVANSTON — CHICAGO

OFFICE OF THE PRESIDENT
EVANSTON, ILLINOIS 60208

January 14, 1991

D. Allan Bromley, Director
Office of Science and Technology Policy
Old Executive Building
Room 360
17th Street & Pennsylvania Avenue, N.W.
Washington, D. C. 20506

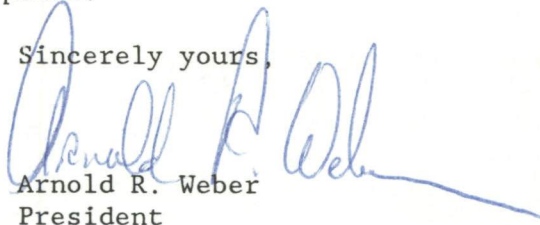
Dear Mr. Bromley:

It is my pleasure to invite you to attend the one hundred and thirty-third Commencement of Northwestern University on Saturday morning, June 22, 1991, to receive the degree of Doctor of Science.

This invitation, which originated in the University Senate, has the unanimous endorsement of our Board of Trustees, and thus represents the desire of both the academic and corporate branches of the University to recognize your distinguished accomplishments.

We will be very pleased if you are able to accept the award of this degree. If you accept, I shall then send you details concerning Commencement plans.

Sincerely yours,


Arnold R. Weber
President

ARW:jl p

9/20031

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120099

SPEECH: YES NO

FROM: STOWELL, JOHN L.

DATE OF EVENT: 05/08/91

LOCATION OF EVENT: DU PONT'S EXPERIMENTAL STATION, WILMINGTON, DELAWA

TIME OF EVENT:

SUBJECT: LAVOISIER MEDAL OF TECHNICAL ACHIEVEMENT

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

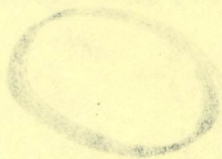
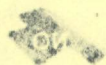
COPIES TO:

REMARKS:

DATE OF LETTER: 01/11/91

DATE RECEIVED: 01/19/91

FILE: *P* INVITATION





JOHN L. STOWELL

EXTERNAL AFFAIRS
D-8116-2
Wilmington, DE 19898

(302) 774-8142
E-Mail: ISCDCVM2(EAD322)
Fax: (302) 774-9560

Document Originally
Attached to
Following Page

EXTERNAL AFFAIRS
Wilmington, DE 19898

January 11, 1991

The Honorable D. Allan Bromley
Assistant to the President for Science and Technology
Old Executive Office Building
17th Street and Pennsylvania Avenue NW
Suite 358
Washington, DC 20506

Dear Dr. Bromley:

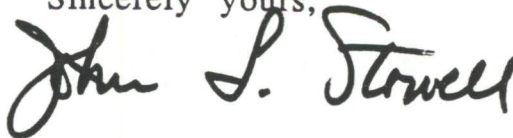
Thank you for accepting the Du Pont Company's offer to address the second annual ceremony presenting the Lavoisier Medal of Technical Achievement to outstanding scientists and engineers on May 8.

I would like to invite you to take advantage of this occasion to visit Du Pont's Experimental Station in the morning, have lunch with a small number of our research executives including Dr. Simmons, and remain for the dinner honoring the Lavoisier medalists. Since the formal awards ceremony will run from 2 p.m. to 3:30 p.m., there should be adequate time for the other activities.

We would, of course, be pleased to provide air transportation to and from Wilmington.

I will keep you apprised of details as planning progresses for the May 8 event, and coordinate your travel with Steve Olson.

Sincerely yours,



John L. Stowell

CC Steve Olson



9/20099

EXTERNAL AFFAIRS
Wilmington, DE 19898

January 11, 1991

The Honorable D. Allan Bromley
Assistant to the President for Science and Technology
Old Executive Office Building
17th Street and Pennsylvania Avenue NW
Suite 358
Washington, DC 20506

Dear Dr. Bromley:

Thank you for accepting the Du Pont Company's offer to address the second annual ceremony presenting the Lavoisier Medal of Technical Achievement to outstanding scientists and engineers on May 8.

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We would, of course, be pleased to provide air transportation to and from Wilmington.

I will keep you apprised of details as planning progresses for the May 8 event, and coordinate your travel with Steve Olson.

Sincerely yours,

A handwritten signature in black ink that reads "John L. Stowell". The signature is written in a cursive, flowing style.

John L. Stowell

CC: Steve Olson



CENTRAL RESEARCH & DEVELOPMENT
Wilmington, Delaware 19898

302-774-2107

Public Affairs
John Stowell
302-774-8142

May 8
Marian,
I have already accepted
this. You can keep this copy
for your files
JMC

November 7, 1990

Dr. D. Allan Bromley, Director
Office of Science & Technology Policy
Executive Office of the President
Washington, D.C. 20506

Dear Allan:

With our schedules, I despair in making phone contact
so I am writing instead.

Earlier this year Du Pont inaugurated the Lavoisier Medal for Technical Achievement to honor past and present technical contributions by Du Pont scientists and engineers. I have enclosed a copy of the brochure about the Award. I would like to invite you to be guest speaker at the 1991 Award presentations. The two dates possible are May 8 or May 30, 1991, and if you could be available for either of these, we would fix that date. The program lasts 1-1/2 to 2 hours in the afternoon and the audience will consist of Du Pont people and some press. We would like you to speak on a topic of your choice for 20-30 minutes. Following the presentations there will be a reception and dinner to which you are, of course, invited, but I realize your time is at a premium. In addition, if you could plan to spend a little more time in Wilmington we would like to show you our laboratories at the Experimental Station.

I hope very much that you will be able to join us and I look forward to hearing from you soon.

Can send a car + driver.
Or can send a helicopter or plane.

2:00 speech. Ceremony until 3:30.
Exp. Station. College campus setting.
Edge of Wilmington. Mid morning?
Then lunch. Cock tails + dinner that evening.

HES/amf
Enclosure

Sincerely,

H. E. Simmons
Vice President
Senior Science Advisor

12/5+7

Howard Simons - Dupont
ltr dated 11/7

speaking engagement in
Wilmington, Del

May 8 or 30 (they prefer 30)

302/ 774-2107

on vacation

Angela or John Stoll

Manan:

12/11+
12/12

Angela-

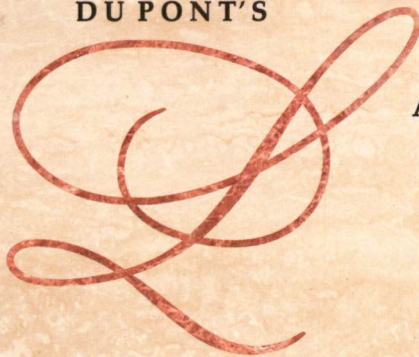
Dr. Simmons Office

302/774-4385

12/13

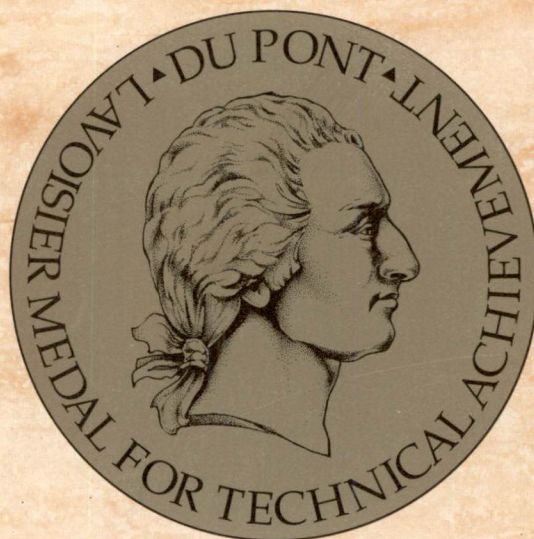
Bill P
called to
tell us that
Simons had
called him
+ that Dupont
wld send car
to take DAB
to Delaware

DUPONT'S



A V O I S I E R

M e d a l



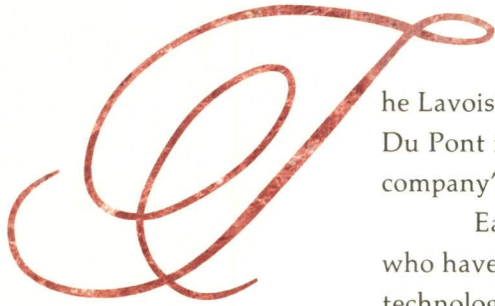
for

Technical

Achievement



D U P O N T ' S L A V O I S I E R M E D A L



For
Technical
Achievement

he Lavoisier Medal for Technical Achievement is being inaugurated by Du Pont in 1990 to honor scientists and engineers from throughout the company's history for outstanding career contributions.

Each year, Lavoisier Medals will be presented to select individuals who have been instrumental in building Du Pont into a world leader in technology. The purpose of the Lavoisier Medal is not only to highlight the great technical accomplishments of these individuals, but also to present role models for current employees.

The medal is named in honor of the 18th Century chemist, Antoine Laurent Lavoisier, who served as teacher and mentor to the company's founder.

To qualify for the Lavoisier Medal, a scientist or engineer must have demonstrated a career of creative technical contributions which resulted in a measurable business impact or technical achievement of enduring significance.

Recipients of the Lavoisier Medal are inducted into the newly established Lavoisier Academy. Bronze plaques honoring Academy members are on permanent display at the Experimental Station.

*The Master**and His**Mentor*

Antoine Laurent Lavoisier, the father of modern chemistry, was a scientist, lawyer, reformer, public servant, and a humanitarian. He provided the right combination of talents to inspire the curiosity, the intelligence and the ambition of a young Eleuthère Irénée du Pont. Lavoisier was, in Irénée's words, "the first cause of this (Du Pont) enterprise . . ."

Lavoisier's relationship with the du Pont family began with Pierre Samuel du Pont, Irénée's father, in pre-Revolutionary France. While Lavoisier was working on his theories of combustion, a new system of chemical nomenclature, and the first modern textbook of chemistry, Pierre Samuel's career was closely tied to that of the civic-minded Jacques Turgot, comptroller of France. When du Pont was politically pressured out of office along with Turgot, Lavoisier loaned him the money to start a new business in publishing.

In 1787, Irénée, Pierre Samuel's youngest son, was apprenticed as a bookkeeper to Lavoisier, then Commissioner of Powders. Over the three years he was with Lavoisier at the Royal Arsenal, Irénée was exposed to the art of gunpowder making. Lavoisier, who was responsible for changing French gunpowder from the very worst to the very best in the world, then offered Irénée a job at a powder factory outside of Paris.

When the Reign of Terror erupted in France, Lavoisier fell victim to its tyranny, and France lost her greatest scientist. The du Ponts left for America, bringing with them the memory of their friend and the seeds of a great new American enterprise.

Lavoisier had left an indelible mark on the young du Pont. Not only were his chemical principles and discoveries adopted by Irénée, but his methods of organization and administration became factors in the development of the new company. Perhaps even his method of discovery can be said to have inspired today's Du Pont Company; Lavoisier based his scientific theories on the work of many scientists from around the world just as today's Du Pont is a collection of some of the world's greatest minds.

It is an appropriate tribute that the medals being awarded to the legendary scientists of the Du Pont Company bear the name of Lavoisier. In scientific thought, in illustrious dedication to theory, principles and experimentation, in the variety of his genius, the persistence of his efforts in science and public service, and in friendship, he was both noble and brilliant. To be honored in his name is a rare distinction in industry today, a recognition of commitment and genius rivaled only by that of the inspirational men who laid the foundations of the Du Pont organization.



A W A R D R E C I P I E N T S

Max Frederick Bechtold

Leader of fundamental research in colloid and polymer chemistry—
invented colloidal silica and scratch-resistant plastics

Elmer Keiser Bolton

Visionary industrial research leader—transformed scientific discoveries
into commercial products: nylon, neoprene and polytetrafluoroethylene

Wallace Hume Carothers

Founder of science of man-made polymers—invented nylon and neoprene

William Hale Charch

Inventor of moistureproof cellophane—inspirational director of
fundamental fibers research

Thomas Hamilton Chilton

Pioneering leader of fundamental chemical engineering research—
established principles of unit operations

Abraham Bernard Cohen

Leader and innovator—established photopolymers as commercial imaging
systems in electronics and printing

Lawrence "Buck" Curtis

Dynamic engineering leader—established many oilfield technologies,
including computerized production and tension-leg platforms

Ralph Kingsley Iler

Resourceful researcher and recognized authority in colloidal
silica chemistry

Louis Plambeck, Jr.

Innovator who established the principles of photopolymerization for
imaging applications

Charles Wyvil Todd

Discoverer of principles of modern crop protection chemicals—invented
urea herbicides

Nathaniel Convers Wyeth

Inventor of diverse manufacturing processes, such as those for plastic
shotgun shells, nonwoven fabrics and polyester bottles

A — Max Bechtold (right) with Bill Doerner examining the vacuum take-off valve from a rotating thermocouple.

B — Drawings from 1966 U.S. Patent No. 3,275,612 for "Biaxially Oriented Film of Acrylonitrile Polymers and Process," invented by Max Bechtold.

C — Du Pont's "Ludox" colloidal silica, on the market many years as an inorganic binder, when properly compounded with other materials produces foams which are useful as specialty refractory insulation materials in high-temperature equipment. Below, "Ludox" foam insulation being made in the laboratory for testing purposes.

D — Throughout his career, Bechtold worked on high-temperature reactions of solids, colloid chemistry of silicic acid, surface chemistry of inorganic materials, and new polymer-forming methods.

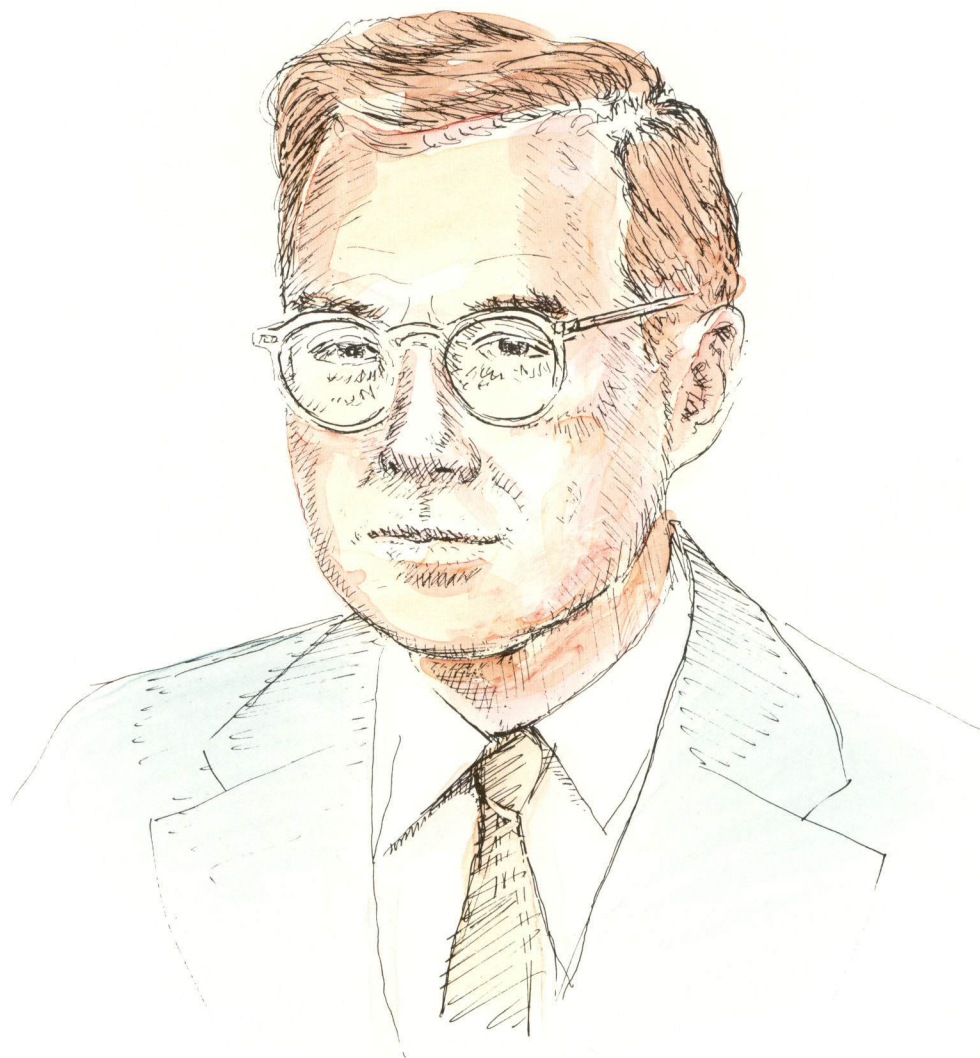


FIG. 1a

B —

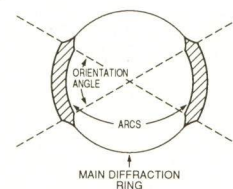
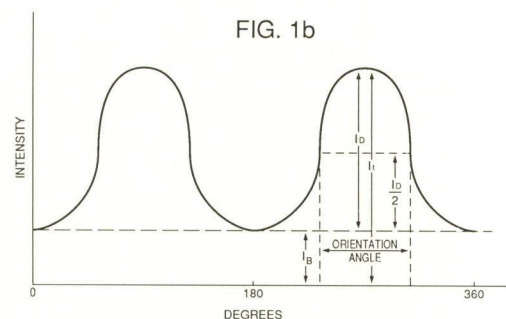


FIG. 1b



TYPICAL DENSITOMETER TRACE TAKEN AROUND THE MAIN DIFFRACTION RING.



A —

Max I Bechtold



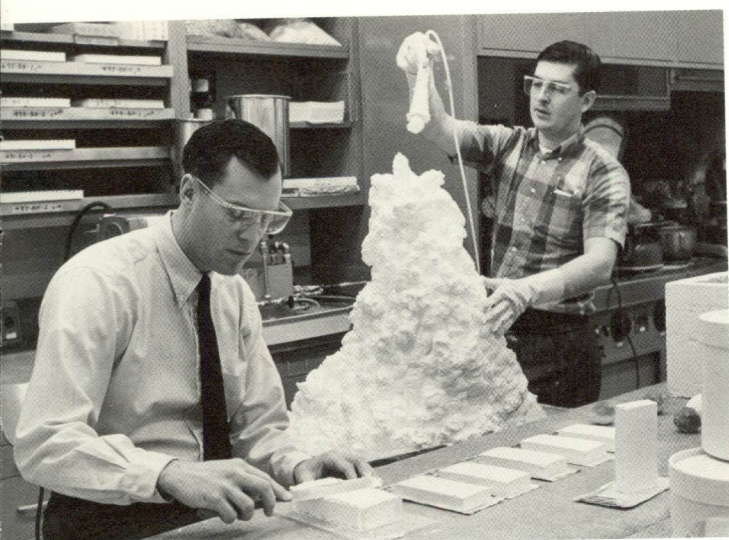
In 1939, when Max Frederick Bechtold brought his talents to Du Pont, another brilliant chapter in the company's rich history of research and development was begun.

A Hoosier at heart, Bechtold spent his career in Wilmington, Delaware, as part of Du Pont's Central Research and Development Department. With a Ph.D. from Purdue University, Bechtold was skilled in inorganic, physical, colloid and polymer chemistry. His strong personality helped push through some remarkable product innovations at Du Pont. Most notable among his accomplishments were the development of scratch-resistant plastic and Ludox® colloidal silica, but his style of no-nonsense management was also responsible for the success of Cronapress® conversion film and Tedlar® polyvinyl fluoride film.

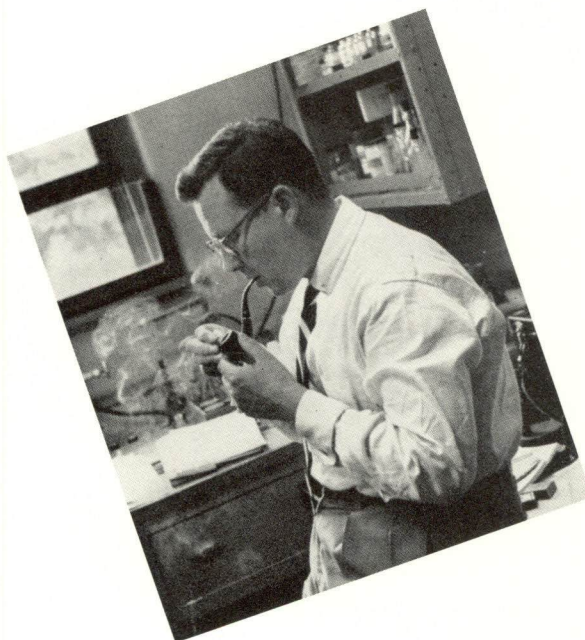
During his tenure as both chemist and eventually research supervisor, Bechtold's tenacity and confidence became his trademarks. During the oil crisis of the 1970s, for example, Bechtold recognized the need for energy storage and began to develop new forms of batteries. When his efforts were criticized because his models did not use Du Pont products, Bechtold persisted and proposed a rubber band storage system that would incorporate Teflon® TFE resins, nylon, neoprene and Lycra® spandex in his design.

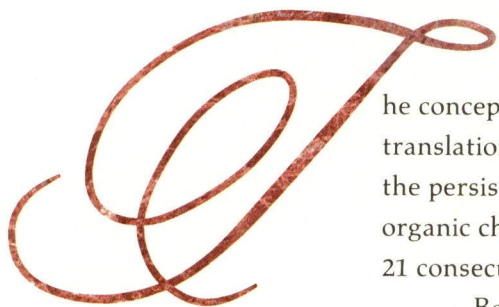
A strong-willed man, Bechtold didn't leave his indefatigable spirit at the office. At home, in an effort to make his family self-sufficient, Bechtold tended garden and raised cattle, often producing enough food to feed his household for an entire year.

Bechtold's hard-driving enthusiasm put him at the top of his profession, and ranked him among the great, scientific minds of Du Pont.



D —





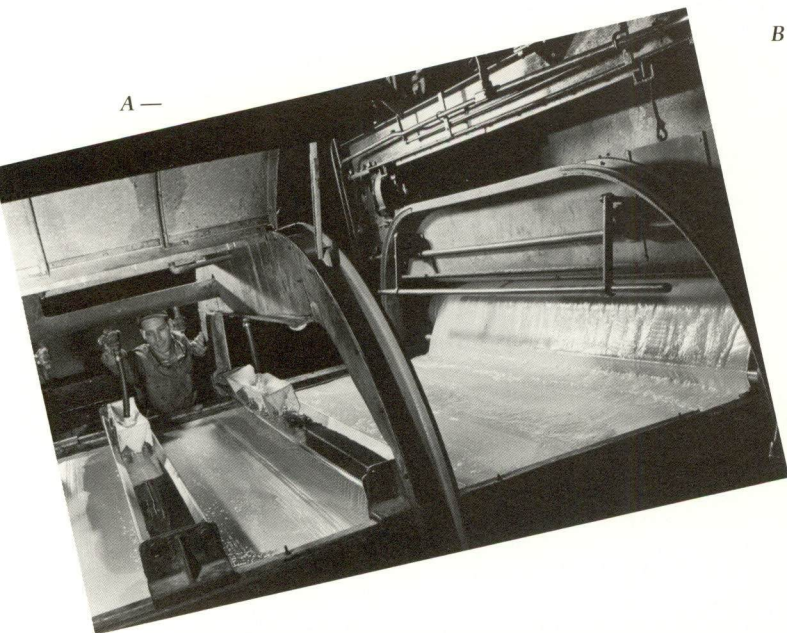
he conception of an idea is of great value, but of equal importance is the translation of the idea into a manufacturing process and plant. Such was the persistent philosophy of Elmer Keiser Bolton, a Harvard Ph.D. in organic chemistry who directed Du Pont's Chemical Department for 21 consecutive years.

Born and raised in a family oriented toward commerce, Bolton grew up with an industrial mindset. At Du Pont he was an avid promoter of commercial success through R&D. It is largely to his credit that the results of Du Pont's innovative research throughout the 1930s and 1940s achieved the market acclaim that earned the company its enviable position in the history of industrial research.

Bolton's inclination to the commercial side of chemical exploration was so strong that he worked in Du Pont's lab less than two years before he began directing research for the company. Some of the scientific thought and many of the principles he brought with him to this position were learned at the Kaiser Wilhelm Institute in Germany where he had spent two years of postdoctoral work. But most of the concepts for directing industrial research he formulated himself in his drive to achieve important commercial goals. Under his leadership, his teams of scientists developed synthetic dyes, flotation chemicals, neoprene, nylon, Teflon® TFE fibers, and a host of other successful innovations.

As a leader, Bolton excelled in bringing out the best in the scientists who were under his direction. An amiable and interested confidant, Bolton always showed a deep concern for his staff, both in their personal lives and in their careers. He had a talent for choosing the right team for the job and, as evidenced by the string of successful ventures that evolved during his tenure, the right job for the team.

A—



B—





A — Neoprene comes off freeze roll and is deiced as it goes through warm water bath at the Du Pont Louisville Works. Introduced in 1932, neoprene was the first general purpose synthetic rubber.

B — A sampling of the dyes sold by Du Pont in a single day (in 1956) are shown on skeins displayed by technician Dorothy Hampton at the Chambers Works in Deepwater, NJ. It was largely the work of Bolton's research teams that made such production possible.

C — The public's first view of nylon stockings was on these four models at the New York World's Fair in 1939.

D — In his managerial function, Bolton oversaw the work of early research teams as the one pictured here. Among others, this team included chemists: (from left) George L. Dorrough, Glen A. Jones, Julian W. Hill, James E. Kirby, Gerard J. Berchet, and Frank J. Van Natta.

Eric Bolton



C —



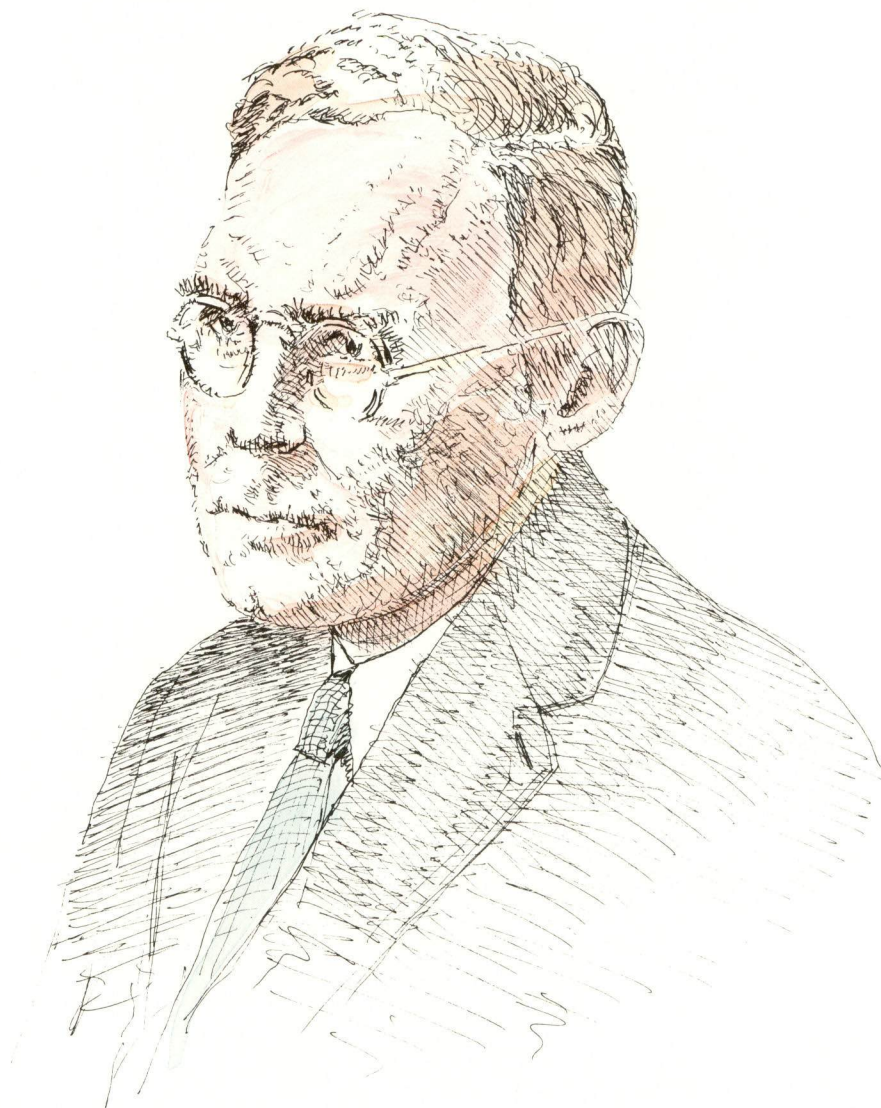
D —

A — Neoprene, the first successful synthetic rubber, was introduced in 1932. Here, Carothers shows how the material stretches.

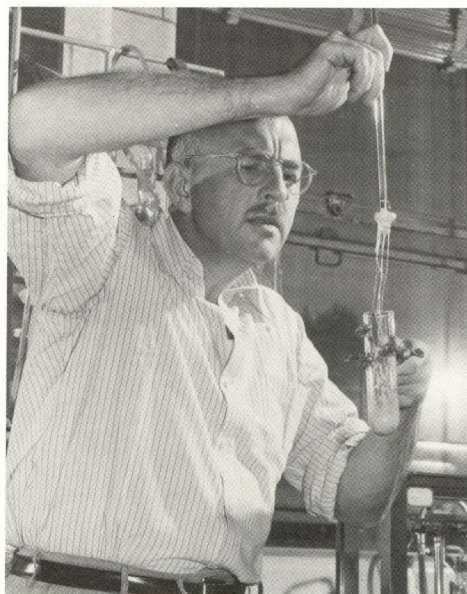
B — Wallace Carothers' colleague Julian Hill re-enacts the discovery of the first man-made fiber at the Experimental Station, as he pulls a molten mass of polymer out of a test tube, stretching it into a thin fiber.

C&D — Drawings from 1939 U.S. Patent No. 2,157,116 "Stocking and Method for Producing Same," invented by Wallace Carothers . . . and the finished product as nylon stockings.

E — Carothers in his laboratory at the Experimental Station, circa 1930.

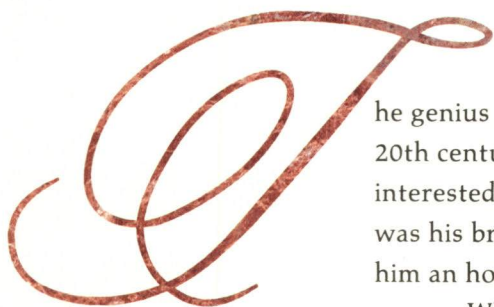


A —



B —

Wallace H. Carothers



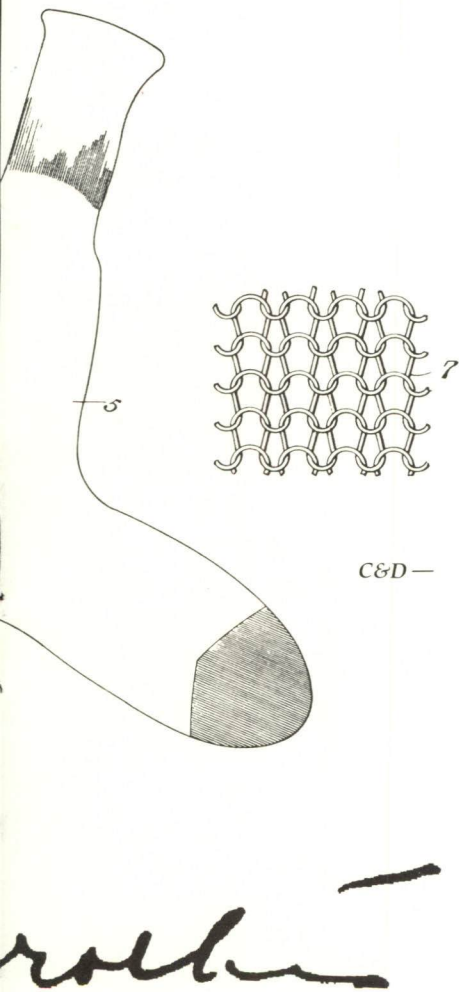
he genius behind polymer chemistry, one of the most useful sciences of the 20th century, was Wallace Hume Carothers—a teacher, a chemist, a man interested in music, art, sports, and politics. He was a diverse talent, but it was his brilliance in organic chemistry and polymer research that earned him an honored place in the Du Pont annals.

While attending Missouri's Tarkio College, Carothers' abilities in chemistry were so pronounced that he was asked to teach at the school. Methodical and systematic, he continued teaching at various institutions even while he studied for his doctorate at the University of Illinois.

Carothers came to Du Pont in 1928 at the urging of Charles Stine, research director and originator of the company's new fundamental research program. Stine persuaded Carothers to leave his teaching position at Harvard after only three semesters. Drawn by the promise of a team of postdoctoral associates, an emphasis on theoretical research, and the most up-to-date equipment, Carothers accepted the Du Pont position and the task of organizing the company's research in organic chemistry.

Carothers was quiet, unassuming and absorbed in his work. His dedication to research encouraged both the devotion and the admiration of the men who worked with him. Under his direction and scientific prowess, his fundamental research group invented nylon and developed a practical technology for its production. The discovery of neoprene was also a significant breakthrough for the group. In total, Carothers was responsible for more than 50 patents.

In the nine years he spent at Du Pont, Carothers gained the utmost respect from all his colleagues, and from scientists around the world. The legacy he left to Du Pont is immeasurable. And his contributions to industrial research are recognized as some of the most highly valued, most significant accomplishments of our time.





ehind William Hale Charch's decision to study chemistry was his admiration for a cousin who taught the science. But behind Charch's success in chemical discovery was an exceptional mind and an innate understanding of chemical principles and theories.

A quiet man who enjoyed the simplicity of farm life and the comfort of an old pair of sneakers, Charch came to Du Pont in 1925 with a Ph.D. from Ohio State University. The company had just begun production of cellophane. Charch was asked to find a means of moisture-proofing the film so that its commercial uses could be expanded. He and his colleagues spent the next 18 months experimenting with more than 2,000 formulas before discovering a coating solution that would meet their objectives. A year and a half later, moistureproof cellophane went to market and revolutionized the food industry.

By 1929, Charch was assistant director of the Rayon Chemical Division and in 1935 became director of the Pioneering Research Division in Buffalo, New York. When he transferred to Wilmington twelve years later, he began to lay plans for the operation of a new Fibers Pioneering Research Lab—a lab that he directed for the remainder of his career. It was here that Charch spearheaded research that became inseparably linked to the development of Dacron® polyester, Orlon® acrylic, Lycra® spandex, and Teflon® fluorocarbon fibers.

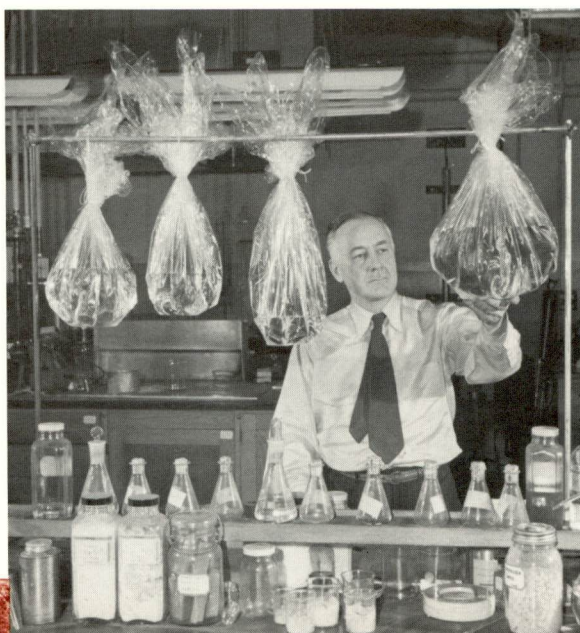
While Charch's work involved him in the search for new discoveries, his leisure hours were spent pursuing the beauty of the past. He traveled extensively, looking for antiques and archaeological treasures. He was also an accomplished violinist.

Despite his expertise in fiber research, Charch always considered himself more a physical chemist than a textile man. About the science itself he once admitted, "It's all ahead of us." But it was his own contributions that have helped today's fiber research find success.

A —



B —



C —

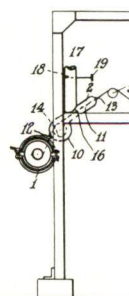


Fig. 1.

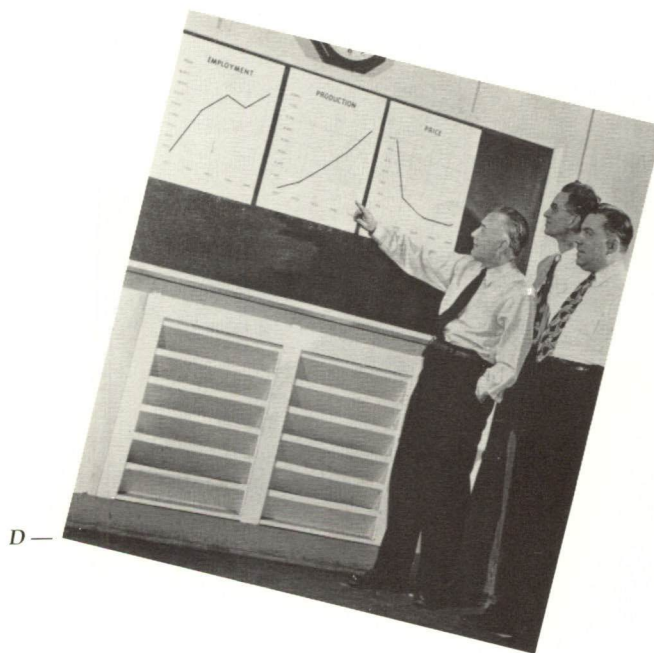
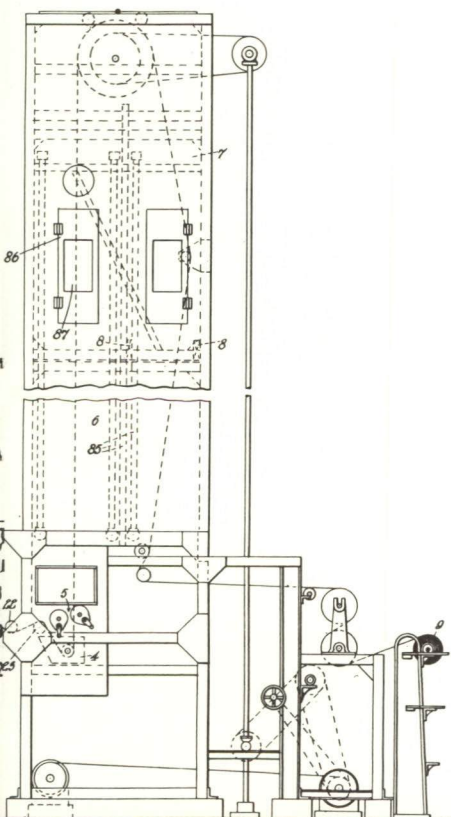


A — Moistureproof cellophane, developed in 1927, found enthusiastic markets in food and tobacco packaging.

B — The 1924 development of the first successful moistureproof cellophane film is re-enacted at the Experimental Station by Hale Charch. The large bag on right held water for weeks, while control bags made of untreated films showed evaporation losses in a few days.

C — Drawing from 1931 U.S. Patent No. 1,816,697 for "Apparatus for Coating [Cellophane]," co-invented by William H. Charch and Norman A. Craigie.

D — Twenty years after the development of moistureproof cellophane, Charch shows engineer Dave Edwards and chemist Fred Underwood of an early research team how the product translated into jobs, production and price.



D —

W H Charch

A — Diagram of a Semi-Works Pressure Plant as used in a 1931 journal article, authored by Chilton et al.

B&C — Illustrations from two of Chilton's numerous journal articles, showing exterior and interior views of commercial plants indicative of his work.

D — The Repauno Plant for ammonia production, pictured here circa 1962, was different in design than older installations within Du Pont and elsewhere in the industry. Constant improvement of plant processes is characteristic of the industry; Chilton championed research for such improvement.



C —

A — 860

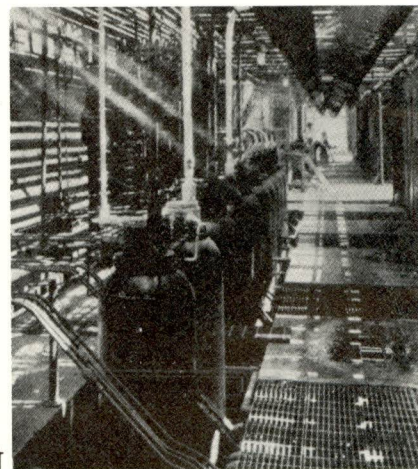
INDUSTRIAL AND ENGINEERING CHEMISTRY

Vol. 23, No. 8

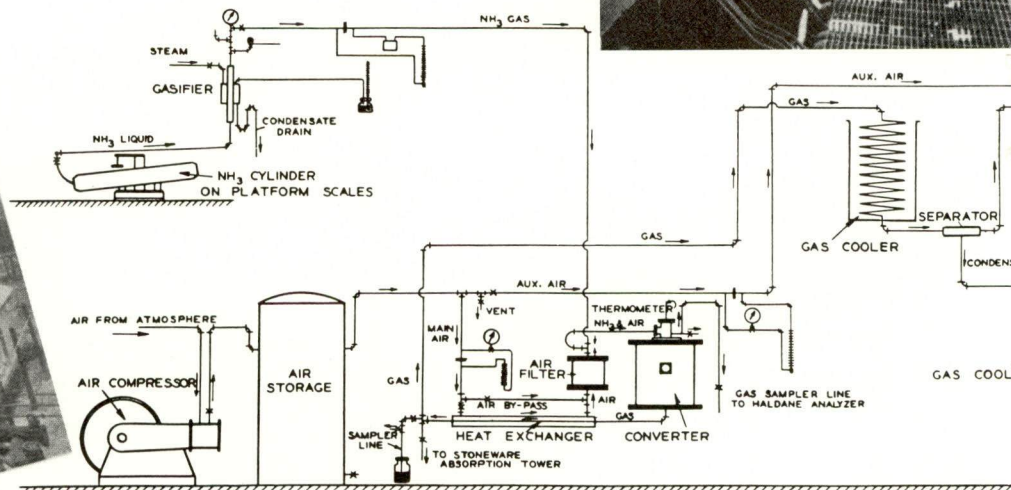
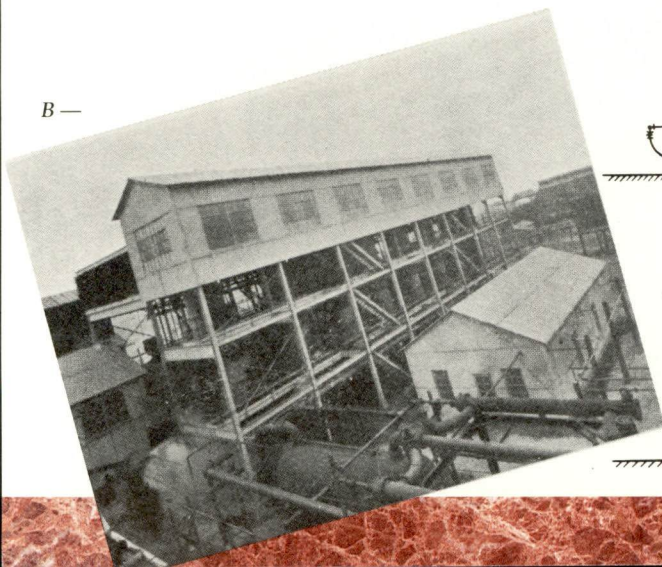
Manufacture of Nitric Acid by the Oxidation of Ammonia¹

Guy B. Taylor, Thomas H. Chilton, and Stanley L. Handforth

EXPERIMENTAL STATION, E. I. DU PONT DE NEMOURS AND COMPANY, WILMINGTON, DEL.



B —



CP

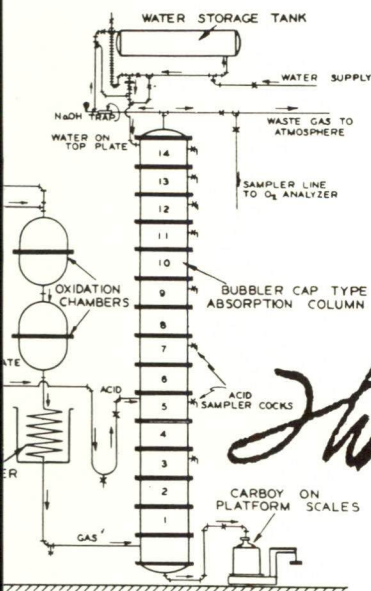
recision was an important element in the life of Thomas Hamilton Chilton. His work, his language, his habits and hobbies, even his dress was an explicable statement of the astute demeanor that characterized this Alabama native.

Chilton came to Du Pont's Experimental Station in 1925 with a B.S. in chemical engineering from Columbia University. Some of his first projects included the oxidation of ammonia and the improvement of the contact sulfuric acid process. His investigations into basic scientific concepts developed his expertise in fluid flow, heat transfer, distillation and absorption, and were applied to process development, equipment design, and chemical plant operations. With a knowledge honed by constant experimentation and a pioneering spirit that continually drove his search for knowledge, Chilton directed the company's Developmental Engineering Research group for more than 30 years.

Chilton was well-suited as a manager. His concern for people equaled his mastery for detail and provided the perfect combination for leadership. When he retired from Du Pont, he took his talents on the road; he toured universities worldwide and spent a year at each institution teaching the principles of chemical engineering. Awarded several honorary degrees, he became a notable and highly respected figure within the academic world of engineering.

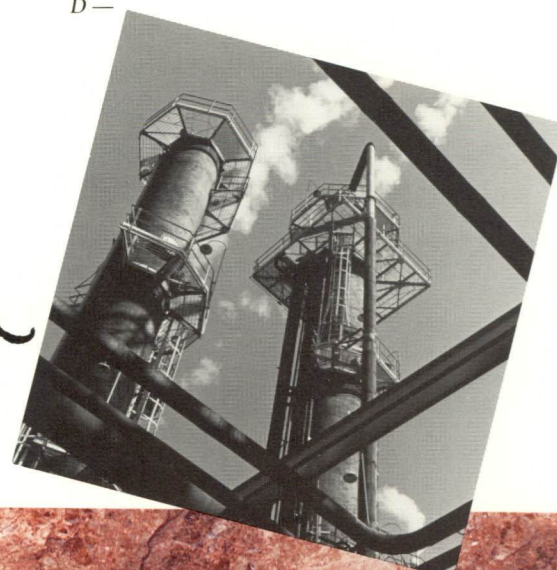
Chilton was also an authority on the English language. Applying his skills, he worked to improve English composition in engineering schools. He was the family historian and an avid collector of auto license plates; his collection numbered more than 4,500. He was also active in the American Institute of Chemical Engineers for many years, serving as president of the organization in 1951.

Chilton's tremendous knowledge and success in the field of chemical engineering earned him a prominent name at Du Pont and the respect and recognition of his peers around the world.



Thomas H. Chilton

D—





Abraham Bernard Cohen's scientific legacy is photopolymer research. His many contributions in the field were precursors for commercial imaging systems used around the world today.

Cohen joined Du Pont in the early 1950s with a Ph.D. from Cornell University. He spent 30 years pioneering industrial research for the company and emerged with more than 250 U.S. and foreign patents. He is credited with revolutionizing industrial approaches to printing plates, color proofing, and electronic circuit board manufacture.

A brilliant research scientist with the outlook of a true entrepreneur, Cohen provided a steady stream of creative intuition and inspiration for the people who worked with him. Under his leadership and hands-on expertise, the group developed Cronar® polyester film base for photographic emulsions, and Cyrel®, the first photoelastomeric flexographic plate. Cohen was also responsible for developing photopolymer lithographic printing plates, the first non-silver lithographic film, the silver halide emulsion chemistry that led to the development of color separation films, and Cromalin®, the first custom color-proofing film for the printing industry.

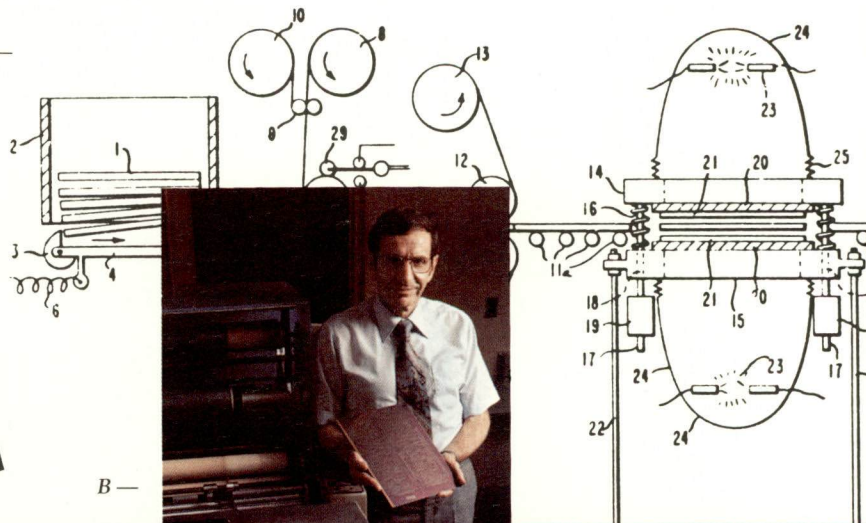
Cohen had a talent for discovering a customer's real needs. When asked to improve a liquid resist, he proposed a dry-film photoresist system called Riston®, a product that became profitable only 18 months after it was introduced. He was a master at integrating research with business and turning scientific concepts into market successes. And he was a positive influence on his colleagues; his teams were among the most productive in the company.

An active family man as comfortable on a tennis court or a ski slope as in a lab, Cohen's energy and scientific curiosity helped diversify Du Pont's successes in commercial markets. His outstanding achievements persist even today as some of the most novel and inventive in the industry of imaging systems.

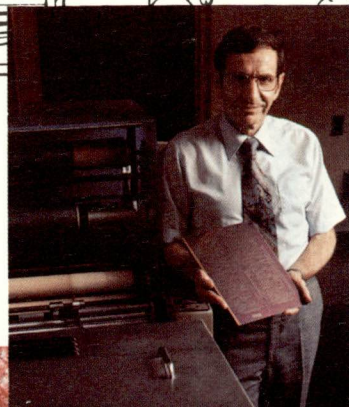
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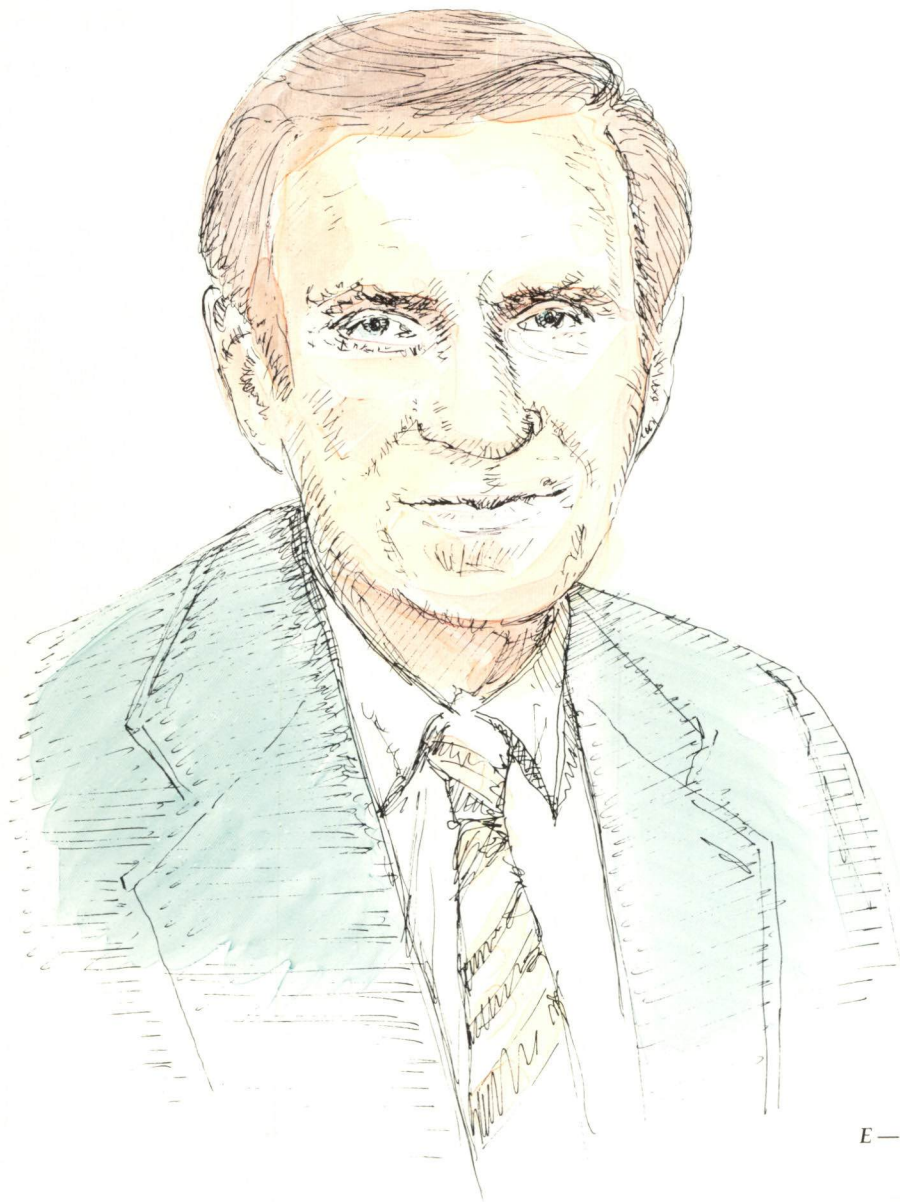


C —



B —





A — Technician at Du Pont's Photo Products Department laboratory at Parlin, NJ, checks quality of halftone dots on large size sheet of "Cronar" litho film.

B — Abraham Cohen at Du Pont's Parlin, NJ, laboratory.

C — Drawing from 1970 U.S. Patent No. 3,547,730 for "Machine for Making Resist Images," co-invented by Abraham B. Cohen and Robert B. Heiart.

D — Du Pont's 30-inch by 40-inch "Cyrel" II photopolymer flexographic printing plate and processor.

E — Du Pont's "Cromalin" autotoner system speeds production of "Cromalin" proofs.

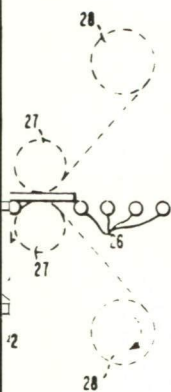
F — The four process colors used in commercial printing and in Du Pont's "Cromalin" color proofing system: yellow, magenta, cyan, and black.



F —



ARCO



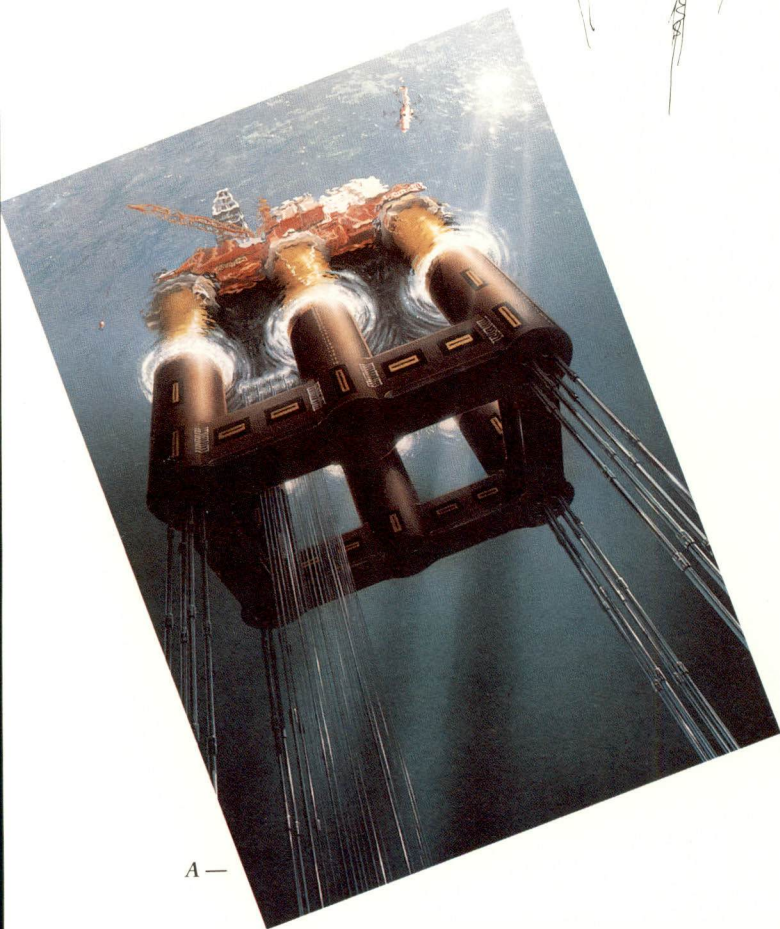
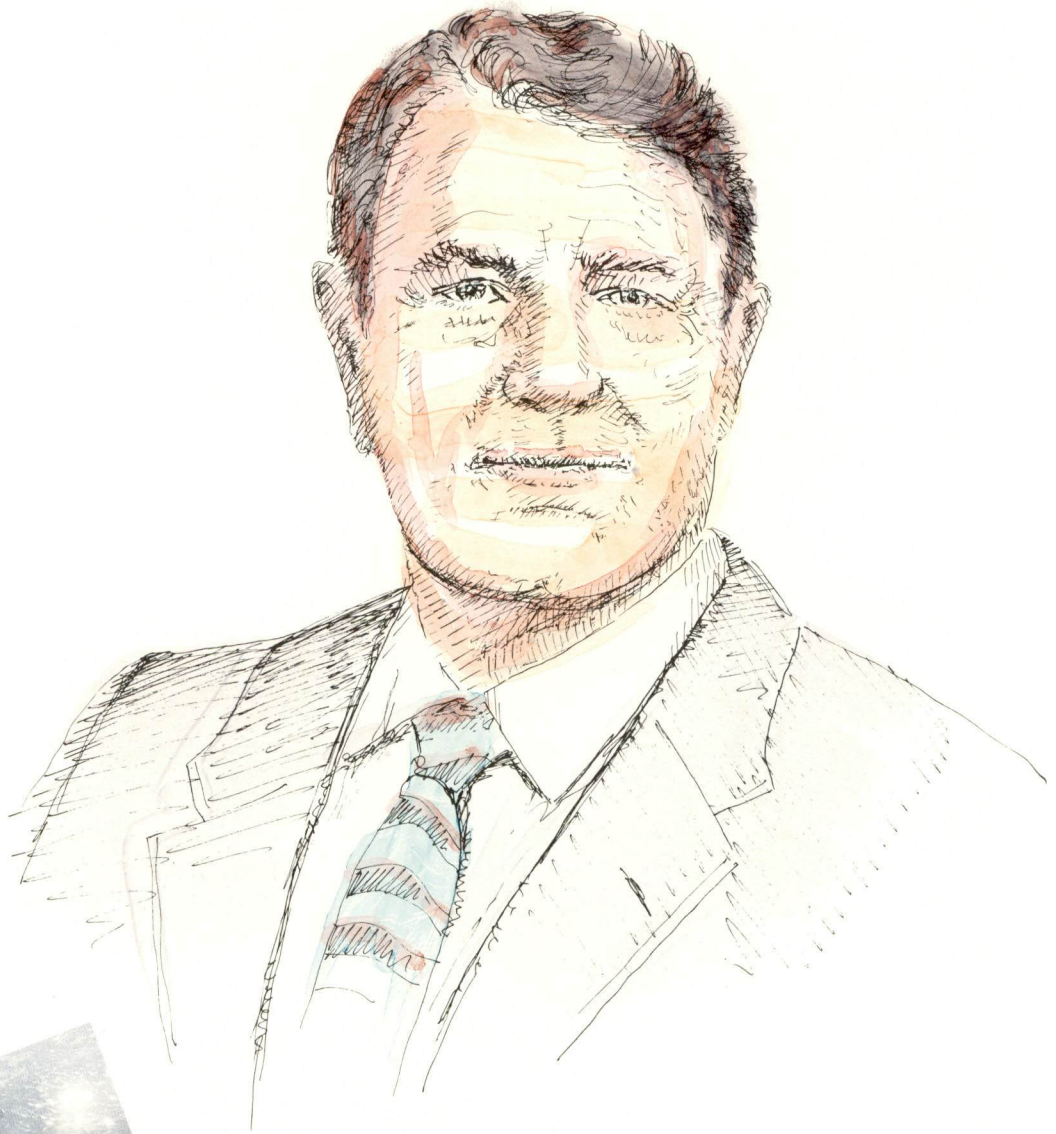
A — The Hutton TLP.

B — The top of an anchor connector—it is these components which latch the tension legs of an offshore drilling platform into the foundation template on the seabed.

C — The complete tension leg, measuring 155m, is made up of fifteen elements, screwed together by high-precision joints as the one pictured here.

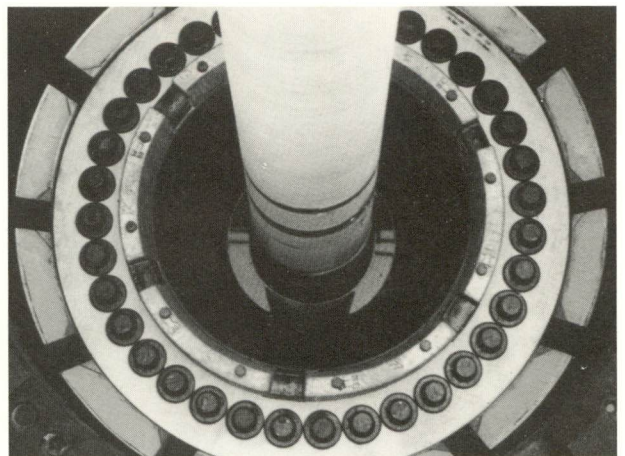
D — With its 16 tubular steel legs constantly under tension, the mooring system allows limited horizontal movement but vertical movement is suppressed.

E — World's most advanced platform en route to the Hutton Field in the North Sea (July 1984).



A —

B —





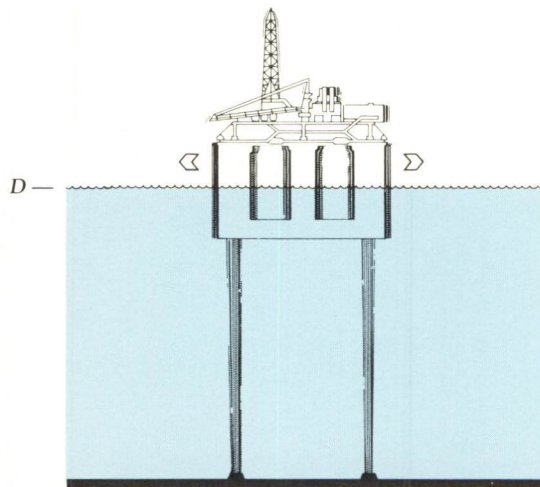
awrence "Buck" Curtis, a Navy man in the 1940s, spent a great number of his civilian years at sea. As part of Conoco, he was an expert in the development of offshore petroleum technology.

A farm boy from Colorado with a B.S. in petroleum engineering from the Colorado School of Mines, Curtis saw the world in his quest for more efficient, more dependable systems of oil exploration. When he joined Conoco, he served at several locations within North American Production. But he will be remembered most for his work in the Persian Gulf and the North Sea.

In 1963, Curtis took on the position of chief engineer over international operations. His first offshore assignment was to help the company drill oil off the coast of Dubai. After careful study of the underwater environment and the available technology, Curtis found a cost-effective alternative to laying pipelines and drilling. He promoted the establishment of the Khazzan tanks—inverted funnel-shaped, bottomless storage tanks which rely on the energy of the ocean to flow oil into the anchored structures.

Success in the Middle East, and the knowledge gained from his technical investigations, led to Curtis' involvement in North Sea petroleum exploration. He advanced the technology behind the development of the Tension Leg Platform (TLP), the first structure of its kind in the oil industry. Built at the Hutton Field in the North Sea, the TLP was designed to retrieve oil efficiently from greater ocean depths than any platform previously in existence.

Curtis was elected vice-president of Conoco's Production Engineering Services in 1980. He retired in 1987 after 40 years with the company, and he remains celebrated for his leadership in engineering design and management.





rolific, diverse, astute and tremendously gifted, Ralph Kingsley Iler helped advance silica chemistry for Du Pont and for the scientific community.

Iler obtained his Ph.D. in chemical engineering from the University of Toronto. Canadian-born, he emigrated to the United States and became an American citizen in 1943. He had joined Du Pont's research labs several years earlier.

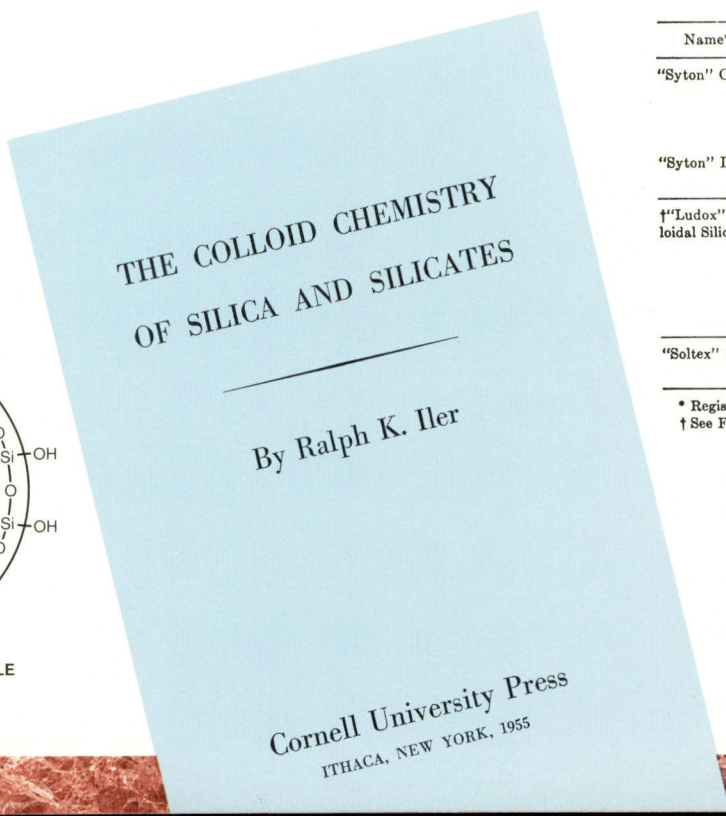
Iler's interests in the sciences were broad. He studied archaeology, geology and mineralogy, but his most outstanding contributions were in colloid chemistry. He is particularly noted for his achievements in both the polymerization of silicic acid and the development of colloidal thoria—reinforced nickel—two completely different areas of colloid chemistry.

Iler developed a passion for his work. He directed research for 17 years at the Experimental Station, and then returned full time to the lab where he could carry on his scientific studies. When he retired, he worked as a consultant to Du Pont and continued to broaden his scientific interests; he began to explore the field of silica in medicine and biology.

Iler, the recognized authority on silica colloid chemistry, authored two well-received books on the subject. Throughout his 76 years, he also managed to raise a family, lecture at universities, paint landscapes, maintain memberships on both the advisory board of a scientific journal and the Air Force Office of Scientific Research, and even develop the hobbies of gem polishing and enamel work.

Iler retired from Du Pont in 1974 with more than 100 patents to his credit and the respect and recognition of both the scientific and the academic communities.

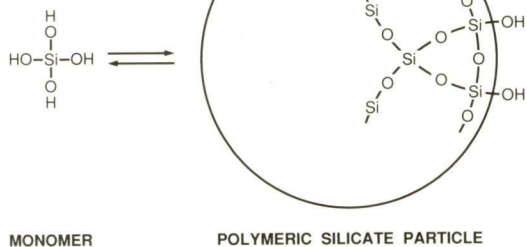
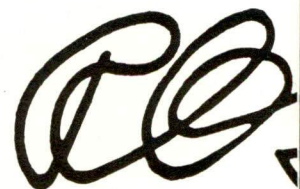
A —

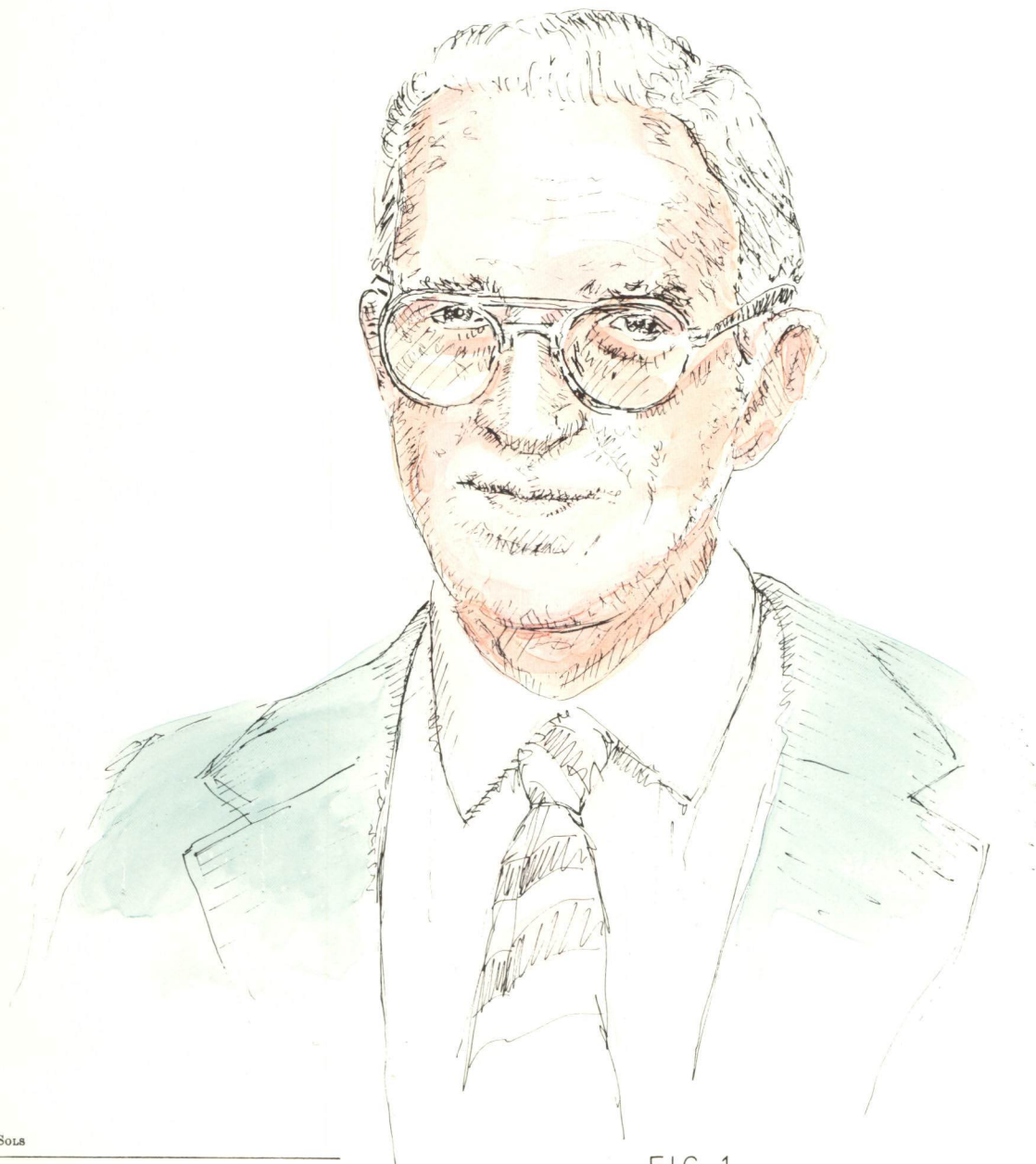


SOME COMMERCIAL		
Name*	Reference	Description
"Syton" C-30	(a) Technical Bull. M-100 (3/12/51), Monsanto Chemical Co.	30% Colloidal solution of hydrated silica in water
"Syton" DC	(b) Technical Bull., <i>Syton in Textile Finishes</i>	Appearance: milky white
†"Ludox" Colloidal Silica	(a) Technical Bull. (11/1/50), E. I. du Pont de Nemours & Co., Grasselli Chemicals Dept.	30% Silica in water
	(b) M. Sveda, <i>Soap and Sanitary Chemicals</i> (July-August, 1949)	Appearance: faint, turbid solution
"Soltex" 14	Dithmar, <i>Melliand Textilber</i> , 33, 957 (1952)	Dispersion of silica in water

* Registered trademarks.

† See Figure 15.





A — Milestone in Iler's career was his 1955 publication: *The Colloid Chemistry of Silica and Silicates*. Shown here is a sampling of the numerous formulas and tables contained in this publication.

B — Drawings from 1969 U.S. Patent No. 3,485,658 for "Plural Monolayer Coated Article and Process of Making," invented by Ralph K. Iler.

SILICA SOLS

	Particle Diameter	pH	Some Suggested Uses
on er	Up to 1000 millimicrons; 64% of particles between .80 and 140 millimicrons	9.8	Textiles; water paints; latex products
ky	Average, 135 millimicrons		
ly	10-30 millimicrons; average, around 17 millimicrons	9.5-10.5	Increasing slip resistance of floor wax; latex products; textiles

in Particles obtained by Neutral Treating textiles burning SiCl_4

Iler

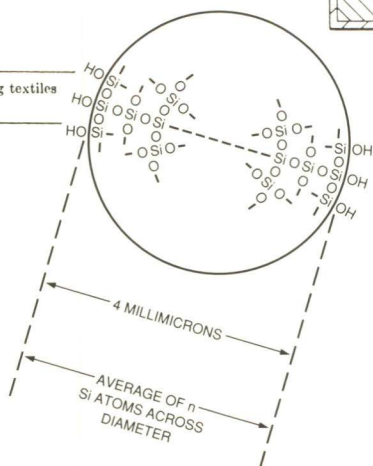


FIG. 1

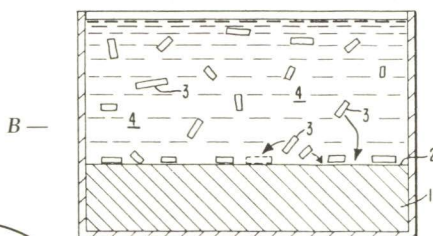


FIG. 2

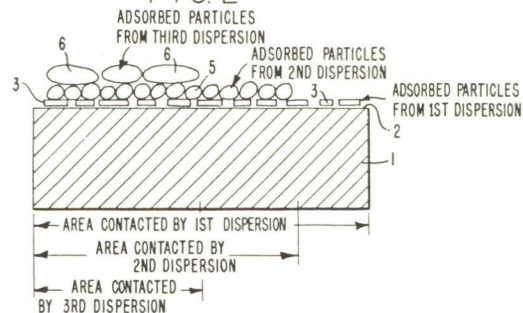
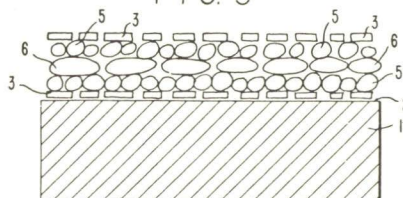


FIG. 3



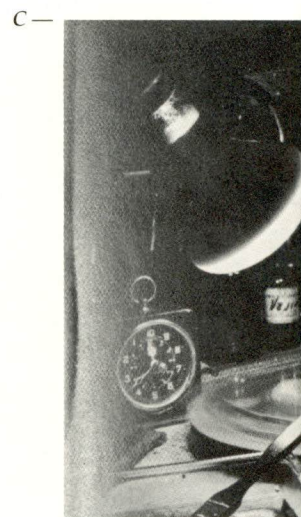
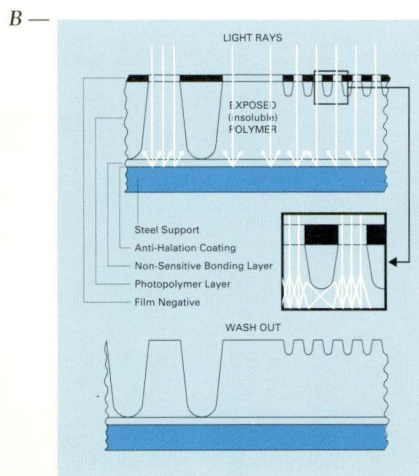
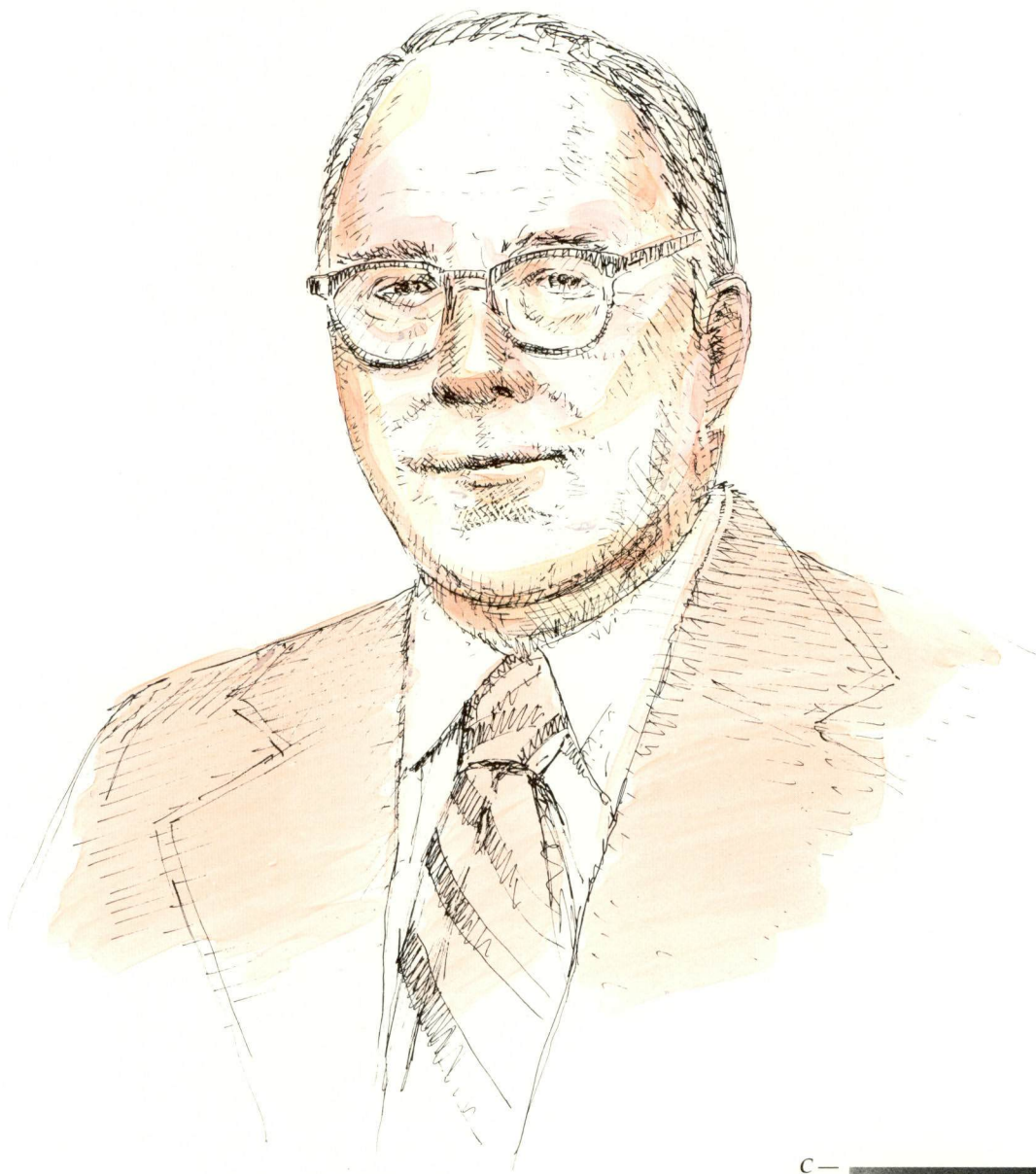
A — Du Pont's deep-relief "Dycril" photopolymer pattern plates as used in production of rubber printing plates for printing corrugated cardboard cartons, thus eliminating handwork previously needed to obtain deep-relief plates.

B — Schematic of Letterpress Printing Plate.

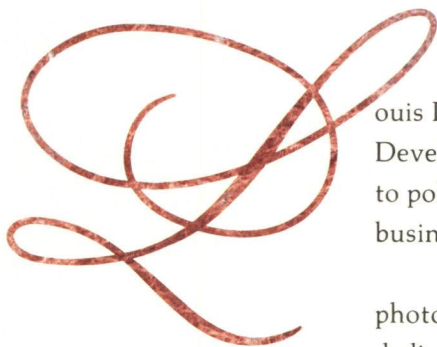
C — Plambeck recreates early experiment with a liquid photopolymer system.

D — The mechanism of photopolymerization invented by Plambeck in 1949 remains valid today.

E — Plambeck examines the relief image of an experimental printing plate. His exploratory research on photopolymers led to "Dycril" plates.



Louis Plambeck



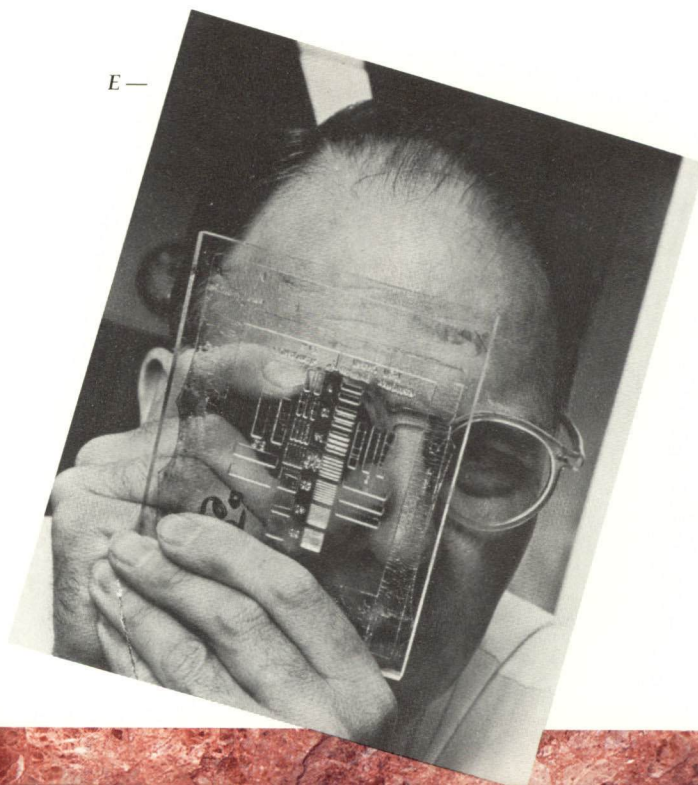
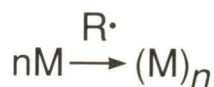
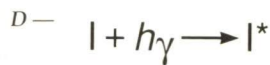
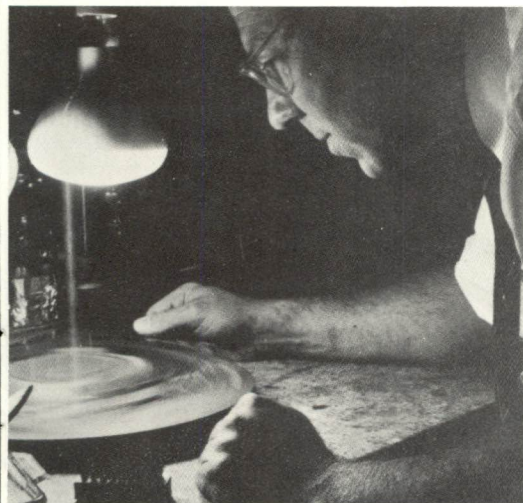
ouis Plambeck spent 38 years with Du Pont's Central Research and Development Department. The technologically advanced ideas he applied to polymer and plastics research in the 1940s changed the printing business forever.

An expert in polymer chemistry, photopolymerization and photographic chemistry, Plambeck's contribution was his scientific dedication to the more unconventional photographic systems of the time. The photopolymerization principles he established led to an industry based on organic photopolymers and were responsible for the commercialization of the first photopolymer letterpress.

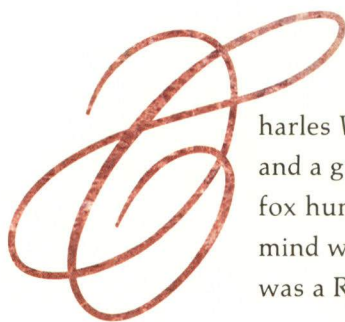
With a Ph.D. in organic chemistry from Pennsylvania State University, Plambeck spent his career in the lab, where he could maintain hands-on experience and conduct experiments that would lead to practical applications in industry. He remained a research chemist at Du Pont until he retired in 1977, and began to serve as an industry consultant in graphic communications.

Intent and demanding in the lab, Plambeck was generally a quiet-spoken, easy-going man. At one time interested in geology, his most avid leisure pursuit was gardening. Tending his plants, vegetables, and apple trees provided a pleasant respite from the intensity of his work.

With additional achievements in the development of coatings for plastics and biopolymers, Plambeck was responsible for a number of patents, as well as the publication of numerous scientific papers. But it was his technical expertise in the advancement of photographic chemistry and his contributions to the world of printing that have earned him a place in the annals of industrial science.



Plambeck, Jr.



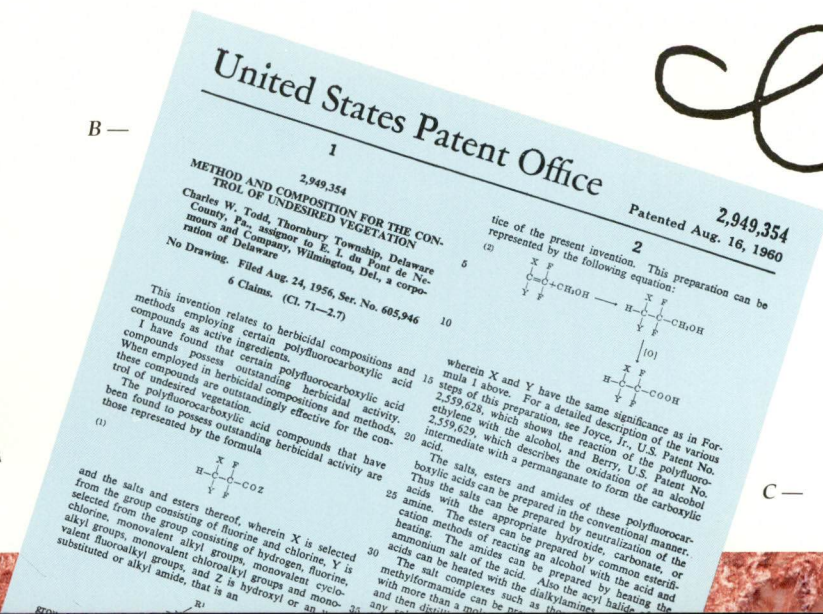
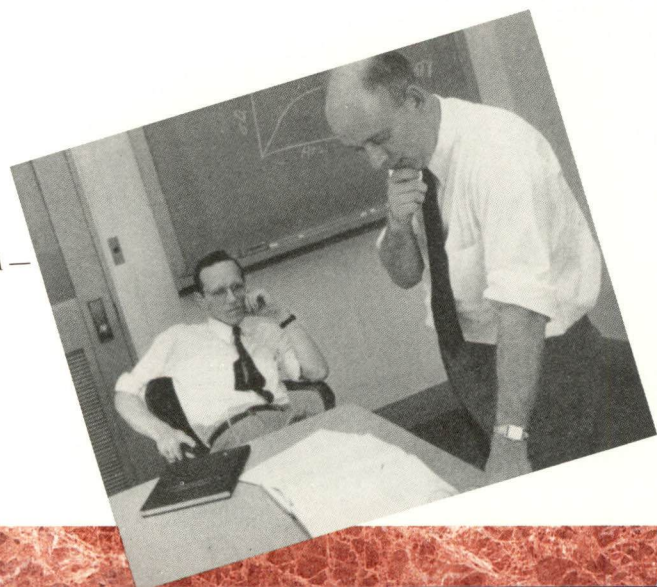
Charles Wyvil Todd was a man of many resources. Well-traveled, well-read and a great storyteller, he could capture an audience with his accounts of fox hunting in Pennsylvania and gourmet dinners in France. A brilliant mind with an absorbing interest in new and varied scientific studies, Todd was a Renaissance man with an eye on the genius of tomorrow.

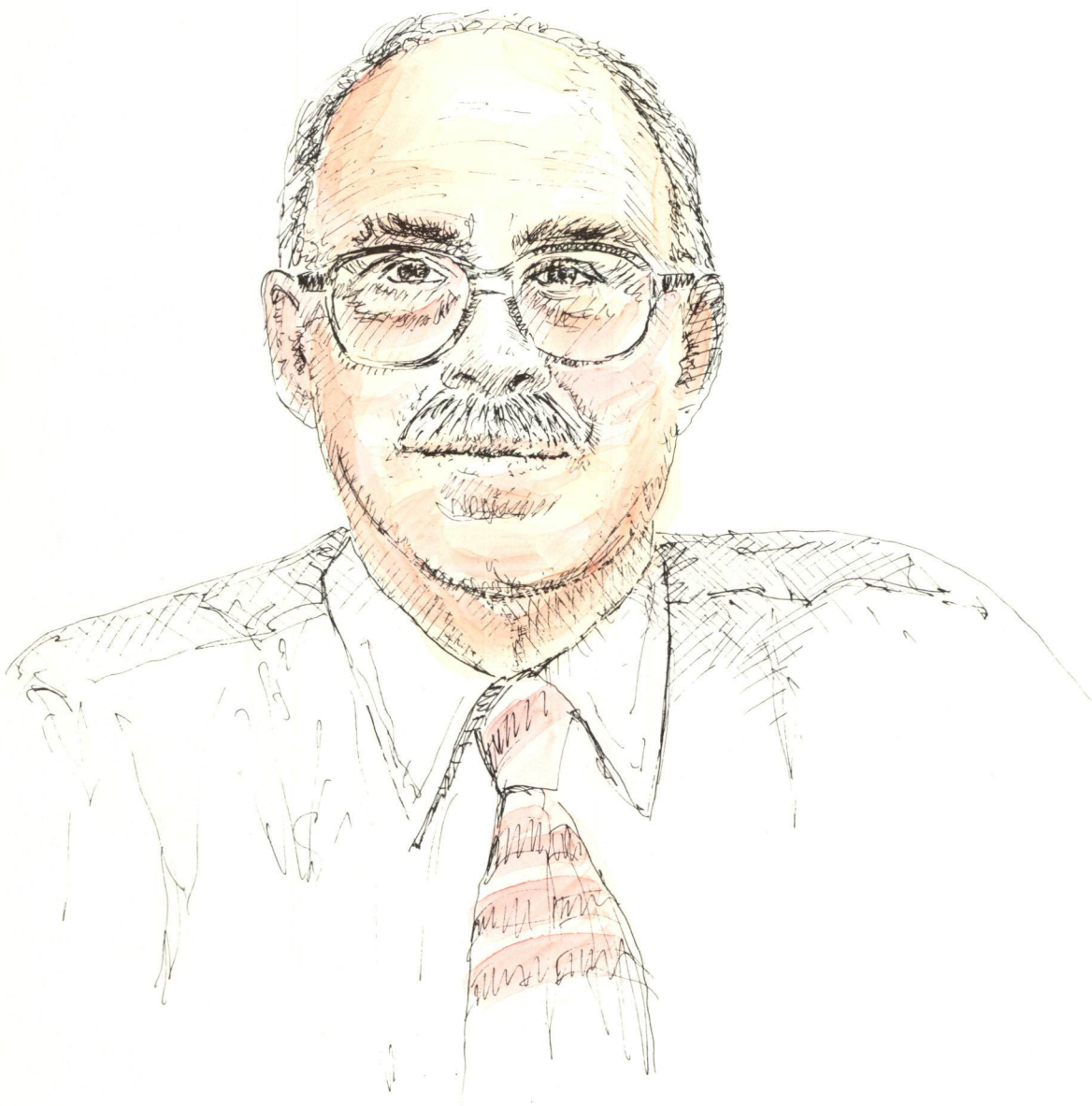
In his scientific endeavors, Todd was always slightly ahead of his time. His work in enzymology, biology, and plant physiology opened up a whole new realm of exploration for Du Pont in the 1950s; his study of antibodies in the 1960s provided the working foundation for Dr. Susumu Tonegawa to win the Nobel Prize in Medicine 20 years later; and his immunology lab established at the City of Hope Medical Center in the 1970s initiated a cancer research program that continues today.

Todd began his career at Du Pont's Experimental Station shortly after he received his Ph.D. in organic chemistry from the University of Rochester. As the supervisor of a small group of research scientists, he was responsible for the development of various crop protection chemicals. In his search for more efficient weed killers, Todd discovered that the basic structure of substituted ureas made a highly effective herbicide; one pound equalled the strength of 100 pounds of any herbicide previously known. The same basic structure of herbicide is still used today.

When he left Du Pont in 1961, Todd traveled to France and studied immunology at the Pasteur Institute. Upon his return to the United States, he applied his knowledge to cancer research and became an avid molecular biologist with an interest in every aspect of the molecular cloning technology. His weekends were spent immersed in the computerized gene bank he had established at his home.

Never at a loss for new scientific challenges, Todd was an inspiring influence on the dozens of postdoctoral fellows who passed through his labs. His work was indispensable to the studies that continue today in both agricultural chemistry and immunology.





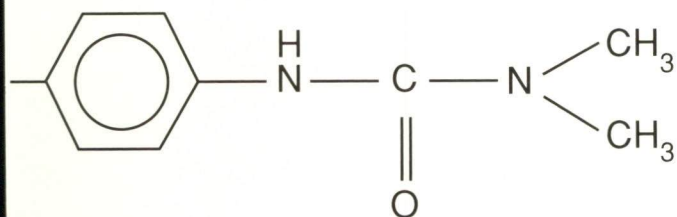
A — C. W. Todd (right) with William Prichard, organic chemist, discussing significance of Prichard's past work and proposals for new lines of research.

B — From 1960 U.S. Patent 2,949,345 for "Method and Composition for the Control of Undesired Vegetation," invented by C. W. Todd.

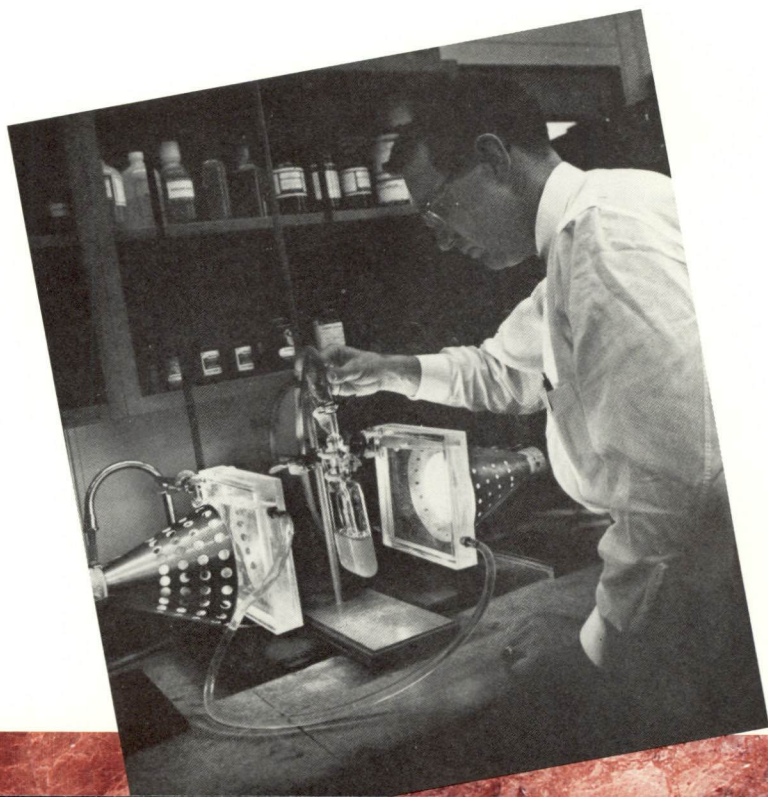
C — Structural formula of 3-(p-Chlorophenyl)-1,1-dimethylurea, commercial urea herbicide.

D — Apparatus for studying the effect of monuron on oxygen liberation in photosynthesis—as used by C. W. Todd and Philip Sweetser in their research.

C. W. Todd



D —



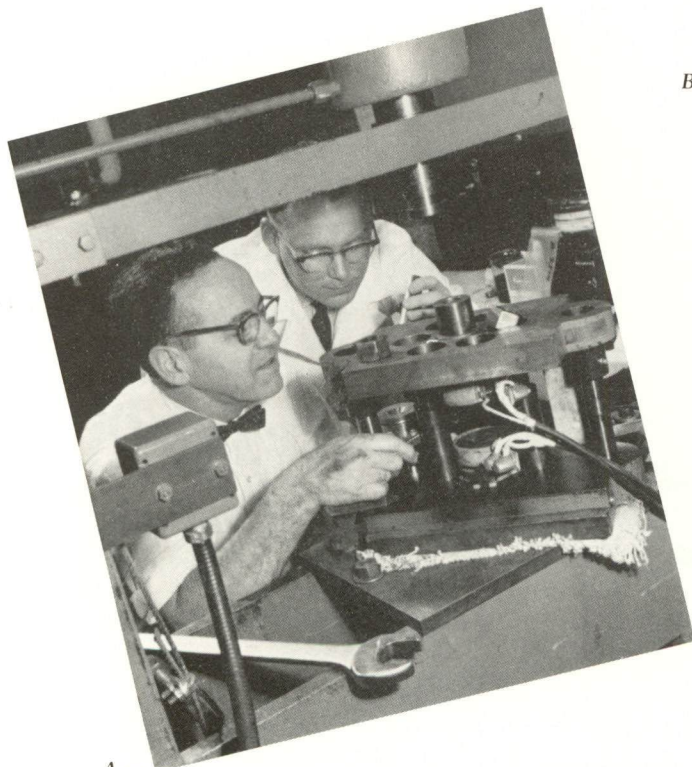
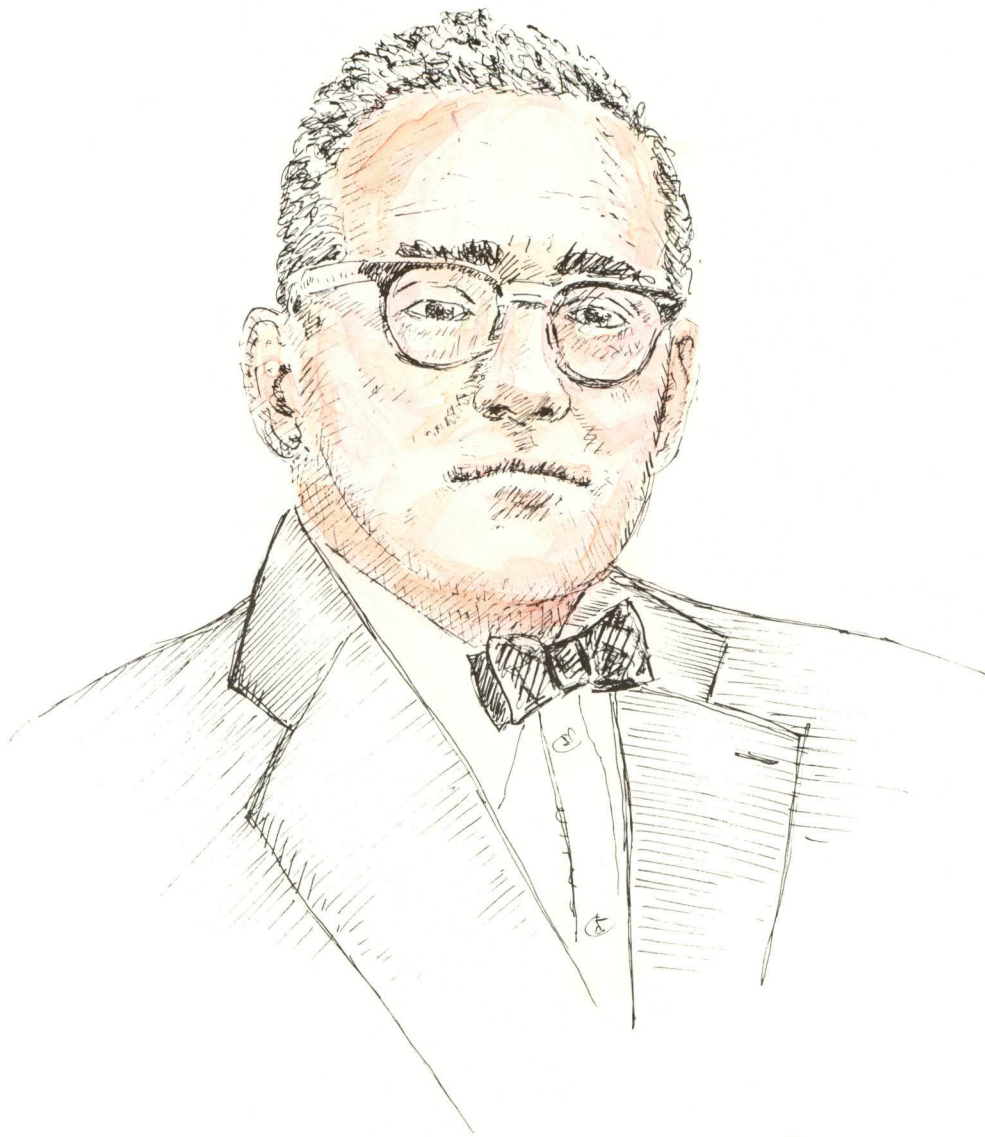
A — Wyeth (left) examining equipment being tested at lab with mechanical engineer, Erwin Reitter.

B — Page from Wyeth's working notes for the plastic beverage bottle, dated August 1967.

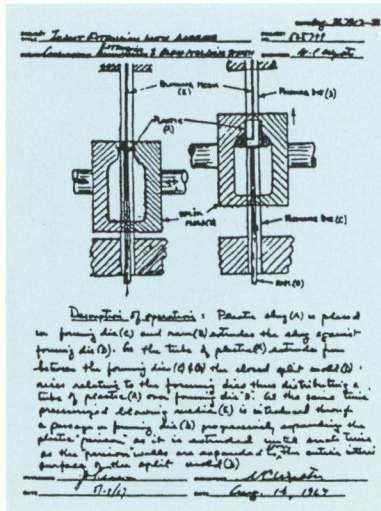
C&D — Drawings from 1973 U.S. Patent No. 3,733,309 for "Biaxially Oriented Poly(Ethylene Terephthalate) Bottle," co-invented by Nathaniel Wyeth and Ronald Roseveare.

E — Finished product—the plastic beverage bottle.

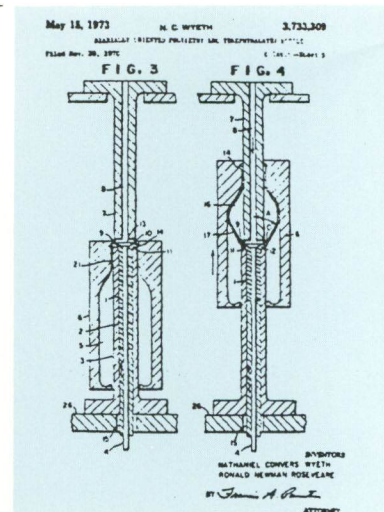
F — Wyeth pictured with a forest of products which he helped develop or for which he developed production machinery—textile fibers, explosives, shotgun shells, plastic products, plastic insulated wire, nylon bristles, and aerosols. On the wall of his office is a painting by his father, artist N. C. Wyeth.



B —



C —



N.C.W.



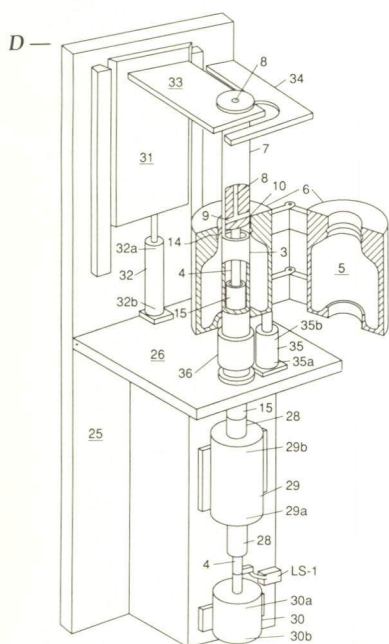
Nathaniel Convers Wyeth, Du Pont's first Engineering Fellow, was a square peg in a round hole. He was a mechanical engineer in a family of famous American artists. The one similarity was that he was as skillful in his craft as they were in theirs.

As a youth, Wyeth's curious mind led him to detailed examinations of the simplest everyday items. In the 1930s, while a student at the University of Pennsylvania, he developed a hydroplane that was based on studies of a rowboat he had conducted in his boyhood. These early endeavors in mechanical design taught him that success came through the persistence of trial and error.

This philosophy carried Wyeth through a 28-year career with Du Pont. His prowess for mechanical design earned him a position in the company's mechanical development laboratory, where he designed everything from dynamite-cartridging machines to weaving and bonding machines for synthetic fibers. With a degree in mechanical engineering, Wyeth earned his position, his reputation and several honorary degrees on sheer ingenuity and a love for his science.

Wyeth is best known for developing the first plastic soda bottle by extruding polyethylene terephthalate plastic into a preform, but he also developed several widely used, though less familiar, products such as Typar®—a nonwoven fabric made from drawn polypropylene. The bonding machine that made the production of the material possible was patented. Wyeth developed the production machinery for a long list of Du Pont products, including nonwoven fabrics, plastic shotgun shells, explosives, plastic insulated wire, nylon bristles and aerosols.

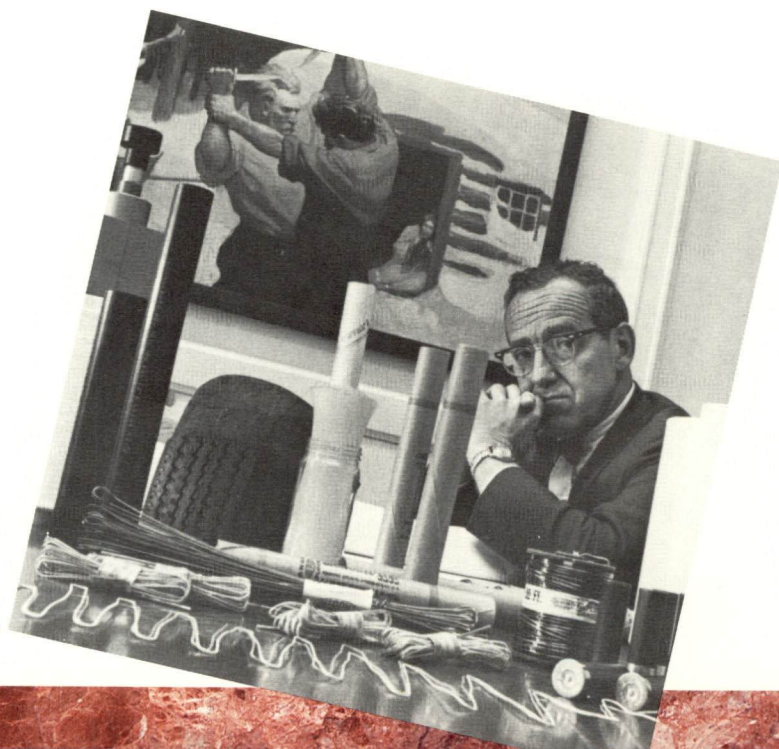
With an intuitive understanding of physical laws and an inherent sense of creativity, Wyeth's work was a credit both to his family and to Du Pont.



E—



F—



Wyeth



"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9120143

SPEECH: YES NO

FROM: MACGILLYCUDDY, EDUARDO

DATE OF EVENT:

LOCATION OF EVENT: PUNTA DEL ESTE

TIME OF EVENT:

SUBJECT: AN INVITATION TO VISIT URUGUAY

RSVP:

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED?

YES

NO

COPIES TO:

REMARKS:

DATE OF LETTER:

01/11/91

DATE RECEIVED:

01/11/91

FILE: P- INVITATION

*close out + keep for
our files. I called
Ambassador Mac Gilguddy
+ graciously
declined the
invitation
citing
for FBI employee*

*DH
2/19/91*

Damon:
Turn a note
further down in the
pile in this

Document Originally
Attached to
Following Page

EMBASSY OF URUGUAY
WASHINGTON, D.C.

Washington, D.C., January 11, 1991

His Excellency
Dr. Alan Bromley
Asst. to the President
on Science and Technology
Old Executive Bldg.
Washington, D.C.

Dear Dr. Bromley:

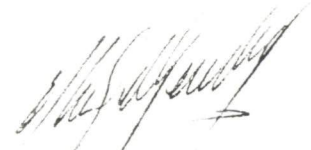
I have the honor to address you, Dr. Bromley, and ratify, on behalf of President Dr. Luis Alberto Lacalle Herrera, ESQ., and formalize an invitation for you and a staff member of your choice to visit our country and specially the city of Punta del Este during the next month of February.

As I informed your secretary, all arrangements, regarding such visit will be made upon your answer. Please let me know at your convenience. I take this opportunity to offer you, Sir, the assurances of my highest consideration.

RECEIVED
DIRECTOR
OFFICE OF THE

20 : 11 P 22 JAN 16

RECEIVED


Eduardo MacGillycuddy
Ambassador

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20506

January 21, 1991

IMMEDIATE ATTENTION

Michelle Van Cleave:

Is this permissible? Please advise.

Thank you.

Ken Yale

Allen

*- you may want
to call Amb.*

*Macgillivray
on this*



Ken

K -

*No - Exec branch personnel
may not accept gifts from
foreign governments (with very
narrow exceptions) -*

M

JAN 23 1991

January 10, 1991

Damar:

Amb. Macgillicuddy (Uruguay) called to alert us to an official invitation from the President of Uruguay to DAB. The invitation will be delivered to us soon.

The suggested time period is the latter half of February (in order to give both sides a little more lead time to make appropriate preparations) for 5 days (plus 2 travel days). The Government of Uruguay has offered to pay for DAB's first-class ticket on PanAm and his hotel accommodations at the San Raphael Hotel in Punta del Este.

The invitation is basically a pleasure visit but if DAB would like, official activities could be arranged. DAB may bring 1 other person with him if he desires.

Other invitees are: Lawrence Eagleberger - #2 at State
David Mulford - Undersecretary for International Affairs-Treasury
Senator Connie Mack - (the ambassador's distant cousin?)

Amb. Macgillicuddy would appreciate a response ASAP because February is the "high season" in Uruguay.

Marian

*Too wonderful, but
You probably need to decline personally*

LH

*Damar: Please take care of saying no to
Amb. Macgillicuddy in the most
polite way - explaining why
we cannot accept this very generous
invitation, which we would like to do so. etc.*

43

EMBASSY OF URUGUAY
WASHINGTON, D.C.

Washington, D.C., January 11, 1991

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Dr. Alan Bromley
Asst. to the President
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Old Executive Bldg.
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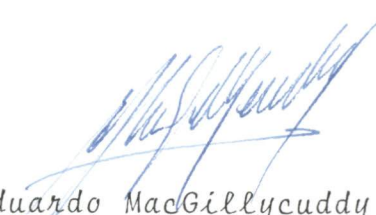
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DIRECTOR
OFFICE OF THE

91 JAN 22 P 1:02

RECEIVED


Eduardo MacGillycuddy
Ambassador