

Originally Processed With FOIA(s):
2005-0336-F

FOIA Number:
2005-0336-F

FOIA MARKER

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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: General Science Files

OA/ID Number: 62035
Folder ID Number: 62035-004

Folder Title:
Industrial: General [4 of 6] [1992]

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

7838

NATIONAL ACADEMY OF ENGINEERING



2101 Constitution Avenue, N.W.
Washington, D.C. 20418

Office of the President
(202) 334-3200 / Fax (202) 334-1680

RECEIVED
JUN 23 1992

POST
MAIL ROOM
JUNE 23, 1992

Dr. D. Allan Bromley
Assistant to the President for
Science and Technology and Director,
Office of Science and Technology Policy
360 Old Executive Office Building
17th Street and Pennsylvania Avenue, N.W.
Washington, DC 20500

Dear Allan:

Thank you for participating in the 1992 Convocation of Professional Engineering Societies and the NAE. Your comments and discussion were very much appreciated by all participants.

These annual convocations have proven to be a most effective forum for the leaders of the engineering societies to exchange views with federal government leaders on significant, national engineering issues. Next year's convocation will be held at approximately the same dates, in the first half of June. We would welcome your participation in that meeting to discuss specific or general matters that you would want to raise with engineering society leaders at that time. Please mark your calendar; we will contact you next spring.

If you have any questions or comments regarding the convocations, please call me or contact Bill Salmon (334-3677). Best wishes.

Sincerely,

Robert M. White
President

"Document Control"

TYPE: ACTION DOCUMENT NUMBER: 9202236
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: ZACHARIAS, Donald W.: MISSISSIPPI STATE UNIVERSITY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 06/12/92

SUBJECT: HE IS FORWARDING THEIR RECOMMENDATION FOR THE HIGH
PERFORMANCE COMPUTING ADVISORY BOARD.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 07/06/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 06/22/92 DEPT RECEIVED:
FILE: P-INDUSTRIAL
CENTRAL FILES:

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01a. Biography	Biographical Sketch of Joe F. Thompson [personal inforamtion redacted] (1 pp.)		(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
P-3 Release would violate a Federal statute [(a)(3) of the PRA]
P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
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(b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
(b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01b. Letter	To: Allan Bromley From: Donald Zacharias Re: Letter of Recommendation for Joe F. Thompson [personal inforamtion redacted] (1 pp.)	6/12/92	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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HPCC-ERC

Mississippi State University has one of the longest histories of involvement in computational fluid dynamics of all the universities in the nation, dating back to the late sixties.

The NSF Engineering Research Center for Computational Field Simulation at Mississippi State was established by NSF in 1990 to mount a systems approach to the development of high performance computational simulation capability for large-scale physical field problems of importance to industry. This Center is the only one of the eighteen NSF ERC's specifically focused entirely on high performance computing for application in industry.

This Center has assembled faculty and students from computer science, mathematics, physics, and four areas of engineering together in a single building specifically designed for cross-disciplinary effort in concerted software/hardware development. The Center is now staffed by about 150 faculty, students, and technicians, operating with over 100 graphics workstations, eight compute servers, and a 32-node Intel iPSC/860 — all networked on an Ethernet with T1 connection outside — and using about 3000 hours of Cray time on remote installations around the country. Annual funding from NSF, industry, other federal agencies, and the state now is at a \$5M level.

The mission of the Center for Computational Field Simulation places this Center directly in concert with the nation's High Performance Computing and Communications Program, since the research and educational programs of the Center are focused directly on high performance scientific computing. The six research thrusts (solution algorithms, grid generation, scientific visualization, system software, computer architecture, and rapid prototyping) and two graduate programs (computer engineering and computational engineering) of this Center address all of the program components of the HPCC Program, except in the development of the NREN itself. The Center will, of course, be a major user of the NREN.

This NSF Engineering Research Center at Mississippi State University, with its mission to not only address *grand challenge* problems, but also to make such capability available to U. S. industry in a usable form, is filling a particular role among the several centers of effort in the HPCC program. The Center now has thirteen industrial partners and twelve federal laboratories as affiliates, all of which interact with the Center, not only specifically on individual research projects, but also collectively in establishing the policy and direction of the Center.

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01c. Resume	Resume of Joe F. Thompson [personal information redacted] (12 pp.)		(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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"Document Control"

TYPE: ACTION

DOCUMENT NUMBER: 9202205

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: RICART, Glenn: UNIVERSITY OF MARYLAND

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 06/12/92

SUBJECT: HE IS FORWARDING HIS RECOMMENDATION FOR THE HIGH
PERFORMANCE COMPUTING ADVISORY COMMITTEE.

DIRECTORATE

STAFF

ASSIGNED: INDUSTRIAL

ASSIGNED:

ACTION

STAFF

REQUIRED: AS NECESSARY

ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE: 07/02/92

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

PHONE:

EXT:

OSTP RECEIVED: 06/17/92

DEPT RECEIVED:

FILE: P-INDUSTRIAL

CENTRAL FILES:

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02a. Letter	To: Allan Bromley From: Glenn Ricart Re: Nomination of Donald Langenberg [personal information redacted] (1 pp.)	6/12/92	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
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Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
02b. Biography	Biography of Donald Langenberg [personal information redacted] (1 pp.)		(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

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"Document Control"

TYPE: INFORMATION

DOCUMENT NUMBER: 9202411

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

FROM: YSASI-YSASMENDI, JOSE: GENERAL ASSOICATION OF SPANISH SUGAR
MANUFACT.

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 6/92

SUBJECT: ENCLOSED PUBLICATION "SUGAR IN THE MEETING OF TWO
WORLDS"

DIRECTORATE
ASSIGNED:

STAFF
ASSIGNED:

ACTION
REQUIRED:

STAFF
ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE:
DATE COMPLETED:

STAFF DUE DATE
DATE COMPLETED/DEPT:

COPIES TO: INDUSTRIAL
INTERNATIONAL/POLICY
D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 08/19/92
FILE: P-INDUSTRIAL

DEPT RECEIVED:

CENTRAL FILES:

2411

Asociación General
de
Fabricantes de Azúcar de España

Montalbán, 11 - 28014 Madrid
Teléfono. 522 86 24 y 522 87 31
Telefax: 531 06 08

Madrid, June 1992

The White House Office
Assistant to the President for Science
and Technology
M.D. Allan Bromley
WASHINGTON DC

U.S.A

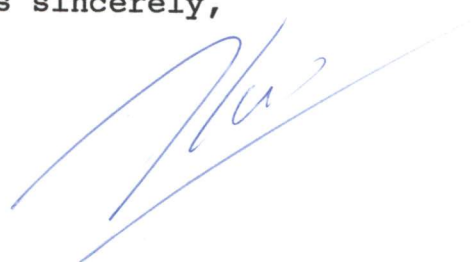
RECEIVED
92 AUG 19 48:42
OSTP
MAIL ROOM

Dear Sir,

The General Association of Spanish Sugar Manufacturers, wishing to adhere to the commemorative acts for the 5th Centenary of the Discovery of America, has sponsored the publication of the book "SUGAR IN THE MEETING OF TWO WORLDS", where you can find the economic importance, for the american world, of the introduction of sugar cane by the Spanish discoverers, serving also as a catalyser of cultural traditions and ways of life.

It is a true honour for this Association, and for me as its President, to offer you a copy of this book.

We remain, yours sincerely,

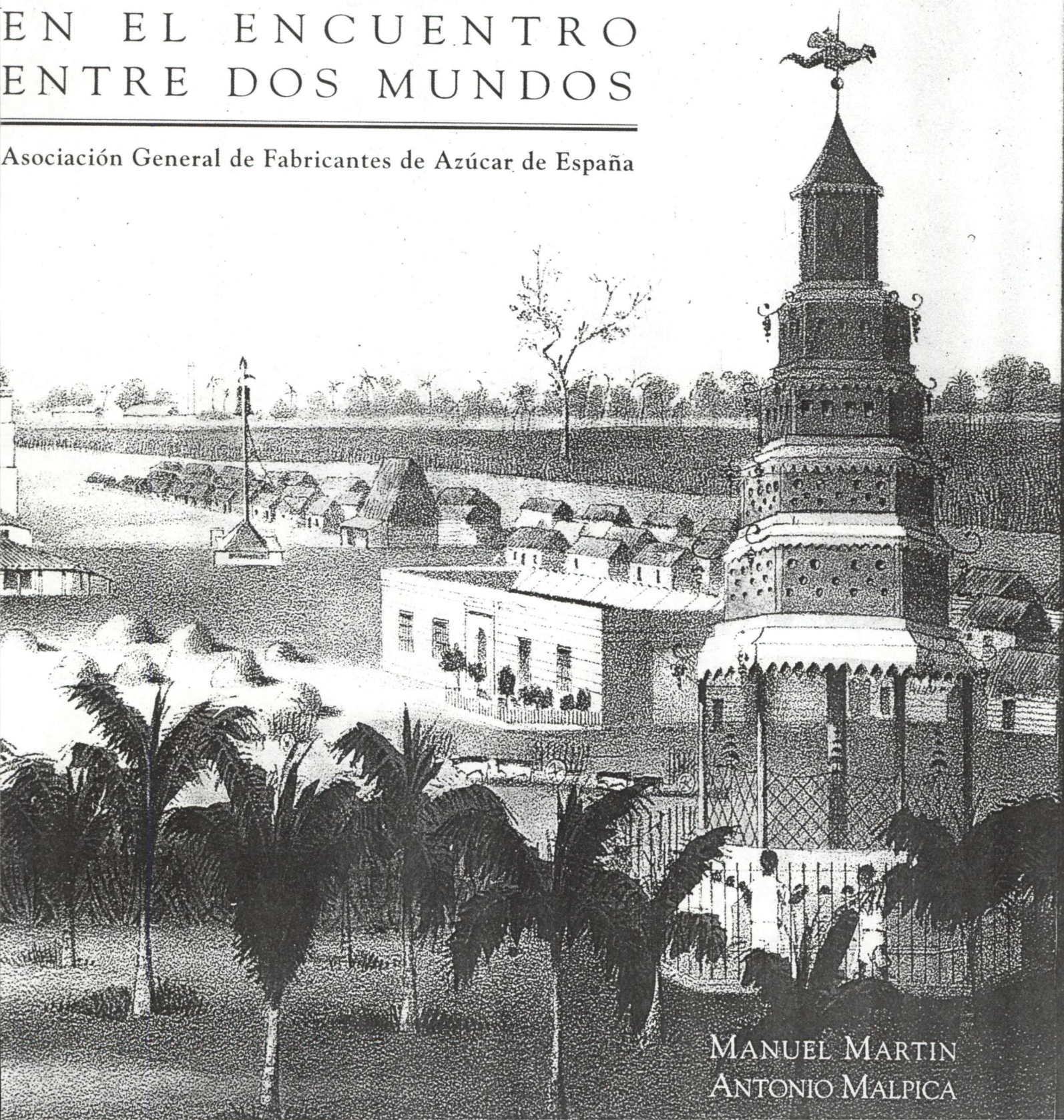


José J. de Ysasi-Ysasmendi

EL AZUCAR

EN EL ENCUENTRO
ENTRE DOS MUNDOS

Asociación General de Fabricantes de Azúcar de España



MANUEL MARTIN
ANTONIO MALPICA

"Document Control"

TYPE: INFORMATION

DOCUMENT NUMBER: 9202138

ORIGINATOR: 02

STATUS C

DIRECTORATE STATUS

FROM: REDELFS, ANN: RICE

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 06/04/92

SUBJECT: ENCLOSED ARTICLE REGARDING THE HIGH PERFORMANCE
FORTRAN FORUM.

DIRECTORATE

STAFF

ASSIGNED:

ASSIGNED:

ACTION
REQUIRED:

STAFF
ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE:

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT:

COPIES TO: INDUSTRIAL
D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 06/11/92

DEPT RECEIVED:

FILE: P-INDUSTRIAL

CENTRAL FILES:



Ann Redelfs

Computer & Information Technology Institute
Center for Research on Parallel Computation —

NSF Sci. & Tech. Center

6/4/92

Dr. D. Allan Bromley —

I wanted to be sure you saw the enclosed article on the High Performance FORTRAN Forum, which is being coordinated by the Center for Research on Parallel Computation.

I'm also enclosing the list of participants in the HPFF working group - as you can see, there are representatives from every major computer vendor on this list. More than 450 people are on an e-mail list to receive regular reports from this group.

We've submitted a proposal to Manell Patrick of the NSF for support of the HPFF, as our funds are very tight.

Sincerely,
Ann

RECEIVED

OSI Misconduct Model Shunned in Europe

Worried by the damage recent high-profile scientific misconduct investigations have done to U.S. biomedical research, the Danish Medical Research Council (MRC) is preparing to establish an independent national committee in Denmark that will investigate whistleblowers' complaints. But the Danish committee, which will be the first of its kind in Europe, is unlikely to bear much relation to NIH's Office of Scientific Integrity (OSI), largely because MRC chairman Daniel Andersen believes that the whole U.S. system for tackling mis-

conduct is seriously flawed.

Unlike OSI, which uses outside scientists only as consultants and follows what critics have called "quasi-judicial" investigative procedures, the Danish committee will consist of six prominent biomedical researchers and a high court judge who will ensure that the committee follows appropriate judicial procedures. In an even more striking departure from the U.S. model, Andersen wants misconduct allegations sent straight to the new committee without an initial inquiry at the research institution. Says Andersen: "As soon as an institution is involved, they make errors."

While it's not clear that such a committee could cope with the volume of allegations in a larger country, Andersen hopes that other European research agencies will follow suit. So far, Europe-wide consensus seems unlikely: Several Scandinavian countries are interested in the Danish model, but most European research agencies remain convinced that researchers' employers should be responsible for policing misconduct.

Fortran to Get a New Look—Again, Already

The Fortran computer language—long a workhorse for scientists and engineers—should get its second

overhaul in as many years by this fall, courtesy of a group of computer scientists who want to bring the language up to speed for massively parallel supercomputers.

Just last year, researchers completed Fortran's first major tuneup in more than a decade. But while "Fortran 90" is widely hailed as a great improvement over its predecessor, it is still haunted by what computer scientists call the "data distribution problem"—the language's inability to manipulate data efficiently on parallel processors. So a group of computer scientists from academia, industry, and government convened by Rice University scientist Ken Kennedy have proposed a solution: High Performance Fortran (HPF), a version of the language intended for use on both single and parallel processor computers.

In addition to giving Fortran more number-crunching power, the architects of the new effort hope to dissuade computer firms from developing incompatible versions of the language—an aim partly inspired by the way variants of the UNIX operating system sprang up throughout academia and the private sector in the mid-1980s. This welter of UNIX varieties continues to complicate life for researchers who run the same programs on different computers.

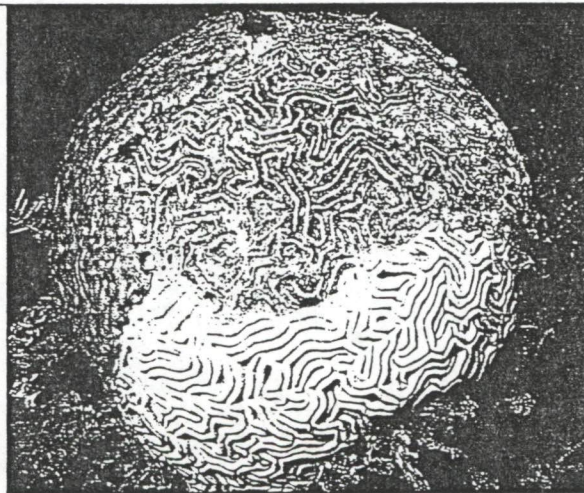
To date, computer vendors are fully on board. For instance, Intel and Digital last month announced a joint software initiative to develop an HPF compiler—a venture that company officials expect to bear commercial fruit by early next year.

Congress Ponders Aid for Coral Reef Research

Most marine ecologists believe that episodes of coral bleaching in 1987 and 1990 spell deep trouble for the world's species-rich coral reefs—but with research funds hard to come by, they lack solid data to back up their fears. Congress, however, could soon answer their pleas, if two bills that would mandate long-term reef studies can survive the vicissitudes of an election year.

One bill offered by Representative James Scheuer (D-NY) would authorize \$12 million for a variety of reef research over the next 3 years. Among other things, this funding would pay for studies of coral diseases, the bleaching phenomenon, and the quality of coastal and marine waters where reefs are found. A second bill introduced by Representative Walter Jones (D-NC) suggests an almost identical research plan, but also includes some controversial environmental protection provisions, such as one that would hold boaters liable for damage they cause to reefs.

The proposed research agenda drew wide praise from scientific panels at hearings last month, as well as some grumbling about the modest financial commit-



Whiter whites. Coral bleaching may soon get more study.

ment. "In the long run, it's probably not enough," admits a Scheuer aide. "But it's enough to get the ball rolling." But before that ball rolls anywhere, the coral bills must win approval from three separate House committees, the full House and Senate, and then the White House—no easy task when 66 senators are the only participants not focused on reelection.

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The Last Gasp of the Richards Panel

Now that it's produced a scathing critique of the conclusions in NIH's long-running misconduct investigation of intramural AIDS researcher Robert Gallo, the Richards panel—an external committee of consultants charged with watchdogging the investigation—appears to have gone out of business. At least that's the view of chairman and Yale biochemist Frederic Richards, who wrote in a 12 May letter to NIH Director Bernadine Healy that her acceptance of NIH's final investigative report has left "nothing further for the panel to consider."

But Richards' letter, which is a reply to an 11 May letter from Healy, suggests that his panel's parting with NIH is hardly amicable. Some panel members have previously complained that Healy ignored their sharp criticism of Gallo—a charge she has denied—and in his letter Richards appears to caution Healy against attempting to play down her

differences with the panel.

For instance, in her letter Healy referred to what she characterized as "the doubts you [Richards] have expressed to us about those comments [in the critique]" and noted that she would pass on Richards' "doubts" to an NIH advisory panel that will consider whether administrative action against Gallo is warranted.

Richards fired back: "I have no doubts about our comments then or now. To imply that the consultants may not stand behind the evaluations stated in the comments would be a serious distortion of their views."



Bernadine Healy



Frederic Richards

Appendix A

Schedule of HPFF meetings and List of HPFF Core Working Group

Schedule of HPFF meetings

January 27-28, 1992	Houston, TX (CRPC sponsored this meeting--reimbursement is not being requested from the NSF)
March 9-10, 1992	Dallas, TX
April 22-24, 1992	Dallas, TX
June 8-10, 1992	Dallas, TX
July 22-24, 1992	Washington, DC (in conjunction with the annual ICS meeting)
September 9-11, 1992	Dallas, TX
October 21-23, 1992	Dallas, TX
December 2-4, 1992	Dallas, TX

Meetings are structured as such: on the first day, there is an afternoon meeting of each of four subcommittees; on the second day, there is an all-day meeting of the entire group; on the third day, there is a morning meeting of the entire group.

Robbie Babb, Oregon Graduate Institute

List of HPFF Core Working Group

Brickner, Ralph
Los Alamos National Laboratory
Computer Research and Applications Group
C-3, MS-B265
Los Alamos National Laboratory
Los Alamos, NM 87545
(505)-667-8385
(505)-665-5220 fax
rgb@lanl.gov

Choudhary, Alok
Syracuse University
121 Link Hall
Syracuse University
Syracuse, NY 13244-1240
(315)-443-4280
(315)-443-2583 fax
choudhar@cat.syr.edu

Chen, Marina
Yale University
Department of Computer Science
Yale University
51 Prospect ST.
New Haven, CT 06520
(203)-432-1278
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*Lou Umscheid,
Geophysical
Fluid Dynamics
Lab, NOAA/
U.S. Dept. of
Commerce*

"Document Control"

TYPE: ACTION DOCUMENT NUMBER: 9202023
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: IVERSON, J. Richard: AMERICAN ELECTRONICS ASSOCIATION

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 06/01/92

SUBJECT: HE IS FORWARDING HIS RECOMMENDATIONS FOR THE HIGH
PERFORMANCE COMPUTING ADVISORY BOARD.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 06/17/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 06/03/92 DEPT RECEIVED:
FILE: P-INDUSTRIAL

CENTRAL FILES:

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
03. Letter w/ attachments	To: Allan Bromley From: Richard Iverson Re: Recommendations for High Performance Computing Advisory Board with attached biographies [personal information redacted] (6 pp.)	6/1/92	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
P-3 Release would violate a Federal statute [(a)(3) of the PRA]
P-4 Release would disclose trade secrets or confidential commercial or
financial information [(a)(4) of the PRA]
P-5 Release would disclose confidential advice between the President
and his advisors, or between such advisors [(a)(5) of the PRA]
P-6 Release would constitute a clearly unwarranted invasion of
personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of
gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an
agency [(b)(2) of the FOIA]
(b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
(b)(4) Release would disclose trade secrets or confidential or financial
information [(b)(4) of the FOIA]
(b)(6) Release would constitute a clearly unwarranted invasion of
personal privacy [(b)(6) of the FOIA]
(b)(7) Release would disclose information compiled for law enforcement
purposes [(b)(7) of the FOIA]
(b)(8) Release would disclose information concerning the regulation of
financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information

"Document Control"

TYPE: ACTION

DOCUMENT NUMBER: 9202030

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: LARSON, Arvid G.: IEEE

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 05/29/92

SUBJECT: HE IS FORWARDING THEIR RECOMMENDATIONS FOR THE HIGH
PERFORMANCE COMPUTING ADVISORY BOARD.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 06/17/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 06/03/92 DEPT RECEIVED:
FILE: P-INDUSTRIAL

CENTRAL FILES:

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
04. Letter w/ attachments	To: Allan Bromley From: Arvid Larsen Re: Recommendations for High Performance Computing Advisory Board with attached resumes [personal information redacted] (21 pp.)	5/29/92	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
P-3 Release would violate a Federal statute [(a)(3) of the PRA]
P-4 Release would disclose trade secrets or confidential commercial or
financial information [(a)(4) of the PRA]
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and his advisors, or between such advisors [(a)(5) of the PRA]
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personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of
gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an
agency [(b)(2) of the FOIA]
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(b)(8) Release would disclose information concerning the regulation of
financial institutions [(b)(8) of the FOIA]
(b)(9) Release would disclose geological or geophysical information

"Document Control"

TYPE: ACTION DOCUMENT NUMBER: 9202028
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: PROCASSINI, A.A.: SEMICONDUCTER INDUSTRY ASSOCIATION

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 05/29/92

SUBJECT: HE IS FORWARDING THEIR RECOMMENDATION FOR THE HIGH
PERFORMANCE COMPUTING ADVISORY BOARD.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 06/17/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 06/03/92 DEPT RECEIVED:
FILE: P-INDUSTRIAL

CENTRAL FILES:



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ANDREW A. PROCASSINI
President

Document Originally
Attached to
Following Page

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
05. Letter w/ attachment	To: Allan Bromley From: A.A. Procassini Re: Recommendation for High Performance Computing Advisory Board with attached biography [personal information redacted] (2 pp.)	5/29/92	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
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PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

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 (b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
 (b)(4) Release would disclose trade secrets or confidential or financial
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 (b)(6) Release would constitute a clearly unwarranted invasion of
 personal privacy [(b)(6) of the FOIA]
 (b)(7) Release would disclose information compiled for law enforcement
 purposes [(b)(7) of the FOIA]
 (b)(8) Release would disclose information concerning the regulation of
 financial institutions [(b)(8) of the FOIA]
 (b)(9) Release would disclose geological or geophysical information



**Assistant Secretary
for Technology Policy**

DATE: 5/22/92

FROM THE DESK OF:

Deborah L. Wince-Smith

TO: Alan Bromky

- ☐ Per our conversation.
- ☒ For your information.
- ☐ For appropriate action.
- ☐ For draft of an appropriate reply for my signature.
- ☐ Please answer directly.
- ☐ Let's discuss.
- ☐ Please return with your comments.

7913

IRI PRESIDENT'S ADDRESS

"TECHNOLOGY AS A FORCE FOR GOOD"

F. PETER BOER

BOCA RATON, FLORIDA

MAY 4, 1992

In giving this traditional address, every IRI President will have on his mind the examples of his distinguished predecessors, who have used the occasion to provide us with exceptional insights into our profession - almost invariably formulated elegantly in words and images that we will long remember. It is a formidable challenge to add to their cumulative wisdom. Fortunately, each passing year adds new perspectives, and an opportunity to make a small contribution to that tradition.

I have chosen for my theme "Technology as a Force for Good".

To be sure, all of us here deeply believe technology is a force for good. We are dismayed when that assumption is challenged, and disconcerted when the course of events provides new arguments, new controversies, to those who would allege otherwise. Fortunately, most of us here have come to recognize at some level that it is very much up to us ourselves to carry this battle forward - there will be few others in a position to be as effective.

Let me put forward a proposition: that the techno-economic process is a mystery to those who are not a part of it.

It is a mystery to non-technically trained business leaders - many of whom understand the financial and competitive dynamics - but who often misunderstand the process, and occasionally make catastrophic judgments based on faulty assumptions.

It is a mystery to scientists who have not participated in the translation of concepts into products or of laboratory procedures into industrial processes.

It is a mystery to the media and to our politicians and to our lawyers - who attempt the impossible - to convey quantitative concepts through semantics alone - not to mention to unabashedly abuse reality by manipulating words such as "possible", "safe", and "certain".

Although the techno-economic process is a mystery, whole economies depend on it, and errors in judgment regarding its characteristics can be institutionalized into foolish public policies or business decisions, of which the consequences will not be evident for many years.

Why is it such a mystery? Basically, because the number of people familiar with the process is incredibly small - limited primarily to technically-competent businessmen and to scientists and engineers with business backgrounds. Even their competence is limited when they step outside the business sectors and technical fields in which they have experience.

Another very important reality is that the global trend is to a world governed by democratic principles and not by elite groups. We, of course, are an elite group - indeed a well-intentioned elite group - the best kind. Unfortunately, history abounds with examples

of elite groups gone astray, and one of the principles of democracy is to develop controls on all such groups - whether they consider themselves well-intentioned or not.

The basic mechanism through which democracy governs is by adversarial processes. Some examples of adversarial processes are elections, the legislative process, and the jury system. Primarily these processes are controlled by groups that are not technically trained - ordinary citizens and lawyers, and many of these players have agendas of their own. To be sure, experts in the techno-economics of a decision are usually included in the process, but their expertise is likely to be neutralized by paid experts who can be expected to argue forcibly and even unreasonably for the opposite view.

The process can easily run counter to sound technical judgment and results are highly uncertain - two juries can conclude oppositely about very similar cases, or two state legislatures can come down on different sides on a regulatory issue.

In this arena, it is increasingly difficult to convey the notion that technology is a force for good, and increasingly important to do so.

Those of us who are managers of the techno-economic process bear that responsibility.

To achieve that goal, we have to be clear-sighted and steady with regard to three imperatives.

The first imperative is ETHICS. Ethics in this country is a terribly important issue. Ethical slipperiness is all around us whether it is

- scientists and businessmen hyping claims to sell stock
- lawyers preying on public fears and gullible juries to win unconscionable awards
- raiders and green-mailers destroying healthy business institutions and the careers of competent employees to make short-term gains.

The good news, however, is that good ethics is good business, and bad ethics are bad business. Look at some case studies.

- The generic drug industry was brought to a virtual standstill by ethical lapses and fraudulent test data.
- Once-venerable financial institutions lost hundreds of millions in asset value owing to ethical violations by employees.
- Powerful business figures have gone to jail, and are for all practical purposes finished in the business world.

This doesn't just mean the other guy. We are all terribly vulnerable to ethical lapses by our own employees. We can prevent disaster to ourselves and our firms only by paying attention

to character in hiring decisions, including ethics in our training and orientation programs, and most of all teaching it and reinforcing it by example in our daily actions.

The second imperative is CREDIBILITY. The power of credibility as a key to leadership was fully explored at the recent IRI meeting in Tucson. The elements of credibility are many - willingness to accept accountability, the use of quantitative measures of performance, and the ability to communicate in straightforward English. As scientists and engineers, we have natural advantages in this arena derived from the rigor of our training.

Although the respect with which scientists and engineers are viewed by the public is dropping - it is still much, much higher than lawyers, politicians, and media types. We must resist the temptation to lose our edge by playing by their rules.

The third and last imperative is SUBSTANCE. The arguments that technology is a force for good are powerful, and to us, obvious. But we cannot assume others take them for granted. Instead we must articulate the reasons why technology is critical to the achievement of real social goals.

It may be reasonably expected that the general population believes strongly in a better environment, better health care, peace, and a variety of social benefits which depend in the end on a larger revenue base. The benefits of economic growth - much less of industrial profitability - carries somewhat less political weight, particularly with those who

do not understand the process, and who may have been educated to distrust it. Therefore, in conveying our message the bedrock should be on the goals where all agree - not those that carry heavy political baggage.

For example, and very fortunately, most of our companies have accepted the need to be leaders in environmental responsibility - indeed we are far ahead of public institutions in implementing environmental responsibility. We have new and even revolutionary products in development for biological control of insects or to scrub stacks clean of pollutants. Indeed, many of the premier business opportunities today involve the introduction of environmentally friendly new products.

In health care, developments in biotechnology, materials science, and imaging have given physicians very powerful new tools to cure ancient diseases - with excellent prospects for even better therapies in the future. The high level of public interest in press reports of new research developments in medicine is astonishingly high.

In the area of peace, the spread of technological interdependence and of multinational companies have made the idea of war between the most advanced nations seem nearly ludicrous. Who would want to bomb their own plants, and those of their best customers and suppliers? While the world is still full of people willing to fight, they are increasingly confined to those who have not yet benefitted from the techno-economic process, and have no vested interest in it.

Finally, it is obvious to most citizens that economic growth creates jobs - but it is less than clear the degree to which it is needed to build a revenue base to fund social services. The leverage is terrific - but few appreciate it.

As we all know, industrial R&D creates jobs for scientists, engineers, technicians, and clerical staff - not to mention for employees of the vendors who supply the R&D enterprise. The result of this research - say a new product - creates construction jobs for the workers who build a plant, jobs for salesmen and secretaries, jobs for operating workers in the new plant itself.

Tax revenues come from many sources -income taxes on all these workers, sales taxes from product sales, property taxes on the plant and taxes on corporate profits. As we know - none of these tax revenues will occur if no profits are anticipated.

There is, of course, further leverage downstream from the service and other jobs created by the new employees of this enterprise as they spend their paychecks on goods and services, paying sales taxes and treating jobs for all sorts of people - sales clerks, dental technicians, tax preparers, cooks, and entertainers.

The substance is indeed powerful, and more so if delivered by individuals who have earned society's trust.

That's it in a nutshell: ETHICS, CREDIBILITY, AND SUBSTANCE. If we are mindful of these imperatives, technology is a force for good - and a very powerful force.

May the Force be with you.

"Document Control"

TYPE: ACTION DOCUMENT NUMBER: 9201892
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: HOKE, Charles P.: STANDISH INDUSTRIES

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 05/18/92

SUBJECT: HE IS WRITING TO CONFIRM HIS INTEREST IN SERVING ON
THE HIGH RESOLUTION INFORMATION SYSTEMS ADVISORY
BOARD.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: FOR DAB'S SIGNATURE ACTION:
IF NECESSARY

SENDER'S DUE DATE:
OSTP DUE DATE: 06/09/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 05/26/92 DEPT RECEIVED:
FILE: P-INDUSTRIAL
CENTRAL FILES:

Standish Industries

CHARLES P. HOKE
President & C.E.O.

May 18, 1992

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

Dear Dr. Bromley:

Per your request, I am writing to confirm my interest in serving on the High Resolution Information Systems Advisory Board. I look forward to working with the other members to offer guidance and direction on this critical topic. Please let me know if you need any additional information.

Regards,



Charles P. Hoke

/nkh

cc: Dr. Wong
Jim Hurd

"Document Control"

TYPE: ACTION DOCUMENT NUMBER: 9201750
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: SAMEH, Ahmed: UNIVERSITY OF MINNESOTA

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 05/14/92

SUBJECT: HE IS FORWARDING HIS RESUME AT THE DIRECTION DR.
EDWARD BLOCK OF SIAM. HE IS BEING NOMINATED FOR A
POSITION ON THE HIGH PERFORMANCE COMPUTING ADVISORY
BOARD.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: AS/IF NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 06/01/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 05/18/92 DEPT RECEIVED:
FILE: P-INDUSTRIAL
CENTRAL FILES:

UNIVERSITY OF MINNESOTA

Twin Cities Campus

Department of Computer Science

Institute of Technology

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Minneapolis, MN 55455-0159

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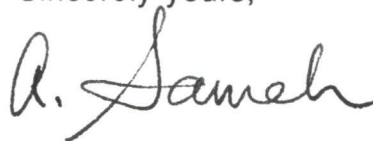
OSTP
MAIL ROOM

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

Dear Dr. Bromley:

Dr. Edward Block of SIAM asked me to forward my resume to you; SIAM is nominating me as a member of the High Performance Computing Advisory Committee.

Sincerely yours,



Ahmed Sameh
Department Head &
William Norris Chair

Enc.

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
06. Resume	Resume of Ahmed Sameh [personal information redacted] (9 pp.)	5/14/92	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Accounting Office Files
WHORM Cat.:
File Location: Industrial: General [4 of 6] [1992]

Date Closed:	3/11/2010	OA/ID Number:	62035-004
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
P-3 Release would violate a Federal statute [(a)(3) of the PRA]
P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

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Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
(b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
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(b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
(b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
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