

Executive Branch Personnel PUBLIC FINANCIAL DISCLOSURE REPORT

Date of Appointment, Candidacy, Election or Nomination (Month, Day, Year)		Reporting Status (Check appropriate boxes)	Calendar Year Covered by Report	New Entrant, Nominee, or Candidate	Termination (If Applicable) (Month, Day, Year)
		<input type="checkbox"/> Incumbent <input checked="" type="checkbox"/> New Entrant, Nominee, or Candidate			
Reporting Individual's Name		First Name and Middle Initial			
Chu		Steven			
Position for Which Filing		Department or Agency (If Applicable)			
Secretary		Department of Energy			
Location of Present Office (or forwarding address)		Telephone No. (include Area Code)			
One Cyclotron Road, Mail Stop: 50A-4119, Berkeley, CA 94720		510-486-5111			
Position(s) Held with the Federal Government During the Preceding 12 Months (If Not Same as Above)		Title of Position(s) and Date(s) Held			
Presidential Nominees Subject to Senate Confirmation		Name of Congressional Committee Considering Nomination		Do You Intend to Create a Qualified Diversified Trust?	
Energy and Natural Resources				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Certification		Signature of Reporting Individual		Date (Month, Day, Year)	
I CERTIFY that the statements I have made on this form and all attached schedules are true, complete and correct to the best of my knowledge.		<i>[Signature]</i>		01.06.2009	
Other Review (If desired by agency)		Signature of Other Reviewer		Date (Month, Day, Year)	
Agency Ethics Official's Opinion		Signature of Designated Agency Ethics Official/Reviewing Official		Date (Month, Day, Year)	
On the basis of information contained in this report, I conclude that the filer is in compliance with applicable laws and regulations (subject to any comments in the box below).		<i>[Signature]</i>		11/7/09	
Office of Government Ethics Use Only		Signature		Date (Month, Day, Year)	
		<i>[Signature]</i>		11/7/09	
Comments of Reviewing Officials (If additional space is required, use the reverse side of this sheet)					
(Check box if filing extension granted & indicate number of days) <input type="checkbox"/>					
(Check box if comments are continued on the reverse side) <input type="checkbox"/>					
<p>See for Late Filing Any individual who is required to file this report and does so more than 30 days after the date the report is required to be filed, or, if an extension is granted, more than 30 days after the last day of the filing extension period shall be subject to a \$200 fee.</p> <p>Reporting Periods Incumbents: The reporting period is the preceding calendar year except Part II of Schedule C and Part I of Schedule D where you must also include the filing year up to the date you file. Part II of Schedule D is not applicable.</p> <p>Termination Filers: The reporting period begins at the end of the period covered by your previous filing and ends at the date of termination. Part II of Schedule D is not applicable.</p> <p>Nominees, New Entrants and Candidates for President and Vice President:</p> <p>Schedule A—The reporting period for income (BLOCK C) is the preceding calendar year and the current calendar year up to the date of filing. Value assets as of any date you choose that is within 31 days of the date of filing.</p> <p>Schedule B—Not applicable.</p> <p>Schedule C, Part I (Liabilities)—The reporting period is the preceding calendar year and the current calendar year up to any date you choose that is within 31 days of the date of filing.</p> <p>Schedule C, Part II (Agreements or Arrangements)—Show any agreements or arrangements as of the date of filing.</p> <p>Schedule D—The reporting period is the preceding two calendar years and the current calendar year up to the date of filing.</p> <p>Agency Use Only</p> <p>OMB Use Only</p>					

Steven Chu

SCHEDULE A

Page Number

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Assets and Income

BLOCK A

For you, your spouse, and dependent children, report each asset held for investment or the production of income which had a fair market value exceeding \$1,000 at the close of the reporting period, or which generated more than \$200 in income during the reporting period, together with such income.

For yourself, also report the source and actual amount of earned income exceeding \$200 (other than from the U.S. Government). For your spouse, report the source but not the amount of earned income of more than \$1,000 (except report the actual amount of any honoraria over \$200 of your spouse).

None ☐

Valuation of Assets at close of reporting period

BLOCK B

Income: type and amount. If "None (or less than \$201)" is checked, no other entry is needed in Block C for that item.

BLOCK C

Type

Amount

Other Income (Specify Type & Amount)
 Date (Mo., Day, Yr.)
 Only if Honoraria

Examples	Central Airlines Common																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</
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* This category applies only if the asset/income is solely that of the filer's spouse or dependent children. If the asset/income is either that of the filer or jointly held by the filer with the spouse or dependent children, mark the other higher categories of value, as appropriate.

SCHEDULE A continued

(Use only if needed)

1

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Assets and Income		Valuation of Assets at close of reporting period										Income: type and amount. If "None (or less than \$201)" is checked, no other entry is needed in Block C for that item.													
BLOCK A		BLOCK B										BLOCK C													
												Type		Amount								Other Income (Specify Type & Actual Amount)		Date (Mo., Day, Yr.) Only if Honorary	
None <input type="checkbox"/>		None (or less than \$1,001)																							
1 MacArthur Foundation Scientific Board San Francisco, CA																						\$5,000			
2 Helicos, Scientific Board Cambridge, MA																						\$2,000			
3 Cornell University (Beth lectures) Ithaca, NY																						\$3,000		4/14/08 to 4/16/08	
4 Northwestern University (Heilborn lectures) Chicago, IL																						\$5,000		4/30/08 to 5/2/08	
5 Yale University (Tanner Lectures) New Haven, CT																						\$9,000		10/28/08 to 10/31/08	
6 Duke University Durham, NC																						\$1,000		4/18/2008	
7 Chinese University Hong Kong Hong Kong																						\$20,000		12/8/08 to 12/9/08	
8 Intentionally left blank																									
9 Fidelity Investments-Annuity Fidelity VIP Index 500		x												x											
* This category applies only if the asset/income is solely that of the filer's spouse or dependent children. If the asset/income is either that of the filer or jointly held by the filer with the spouse or dependent child, mark the other higher categories of value, as appropriate.																									

Prior Editions Cannot be Used.

SCHEDULE A continued

(Use only if needed)

Page Number

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[illegible]

Prior Editions Cannot be Used.

Steven Chu

SCHEDULE A continued

(Use only if needed)

Assets and Income		Valuation of Assets at close of reporting period BLOCK B										Income: type and amount. If "None (or less than \$201)" is checked, no other entry is needed in Block C for that item.										BLOCK C	
BLOCK A																							
None <input type="checkbox"/>		None (or less than \$1,001)																					
1 TIAA-CREF -- Spouse: TIAA Traditional CREF Stock																							
2 CREF Equity Index CREF Global Equities International Equity																							
3 Large Cap Value Mid Cap Growth Mid Cap Value																							
4 S&P 500 Index Small Cap Equity CREF Bond Market																							
5 CREF Inflation Linked Bond																							
Wells Fargo Variable Annuity - spouse:																							
6 American Century VP Inflation Port Fidelity VIP Mid Cap Port FT/VP Franklin Income Sees Fund																							
7 Oppenheimer Global Securities Oppenheimer Strategic Bond Putnam VT Health Sciences Fund																							
8 Van Kampen Lit Comstock Port RVS Vp S&P 500 Index Fund RVS Vp Short Duration US Govt Fund																							
9 FT/VP Franklin Global Real Estate WF Advantage Vt Equity Income Fund 1 Year Guarantee Period Acct (Cash)																							

* This category applies only if the asset/income is solely that of the filer's spouse or dependent children. If the asset/income is either that of the filer or jointly held by the filer with the spouse or dependent children, mark the other higher categories of value, as appropriate.

Prior Editions Cannot be Used.

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SCHEDULE A continued

(Use only if needed)

Page Number

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Assets and Income

BLOCK A

Valuation of Assets at close of reporting period

BLOCK B

Income: type and amount. If "None (or less than \$201)" is checked, no other entry is needed in Block C for that item.

BLOCK C

Type

Amount

Other
Income
(Specify
Type &
Amount)

Date
(Mo., Day,
Yr.)
Only if
Honorary

None ☐

None (or less than \$1,001)

\$1,001 - \$15,000

\$15,001 - \$50,000

\$50,001 - \$100,000

\$100,001 - \$250,000

\$250,001 - \$500,000

\$500,001 - \$1,000,000

Over \$1,000,000 *

\$1,000,001 - \$5,000,000

\$5,000,001 - \$25,000,000

\$25,000,001 - \$50,000,000

Over \$50,000,000

Excepted Investment Fund

Excepted Trust

Qualified Trust

Dividends

Rent and Royalties

Interest

Capital Gains

None (or less than \$201)

\$201 - \$1,000

\$1,001 - \$2,500

\$2,501 - \$5,000

\$5,001 - \$15,000

\$15,001 - \$50,000

\$50,001 - \$100,000

\$100,001 - \$1,000,000

Over \$1,000,000 *

\$1,000,001 - \$5,000,000

Over \$5,000,000

- 1 Artisan Intl Fund
Oakmark Equity Income Fund (OAKBX)
Vanguard 500 Index Fd Investor Share
- 2 Old Mutual Large Cap (OLCVX)
Vanguard Small Cap Index Fund
Vanguard Life Strategy Star Fd (VASIX)
- 3 Additional patents - see note 4
- 4
- 5
- 6
- 7
- 8
- 9

* This category applies only if the asset/income is solely that of the filer's spouse or dependent children. If the asset/income is either that of the filer or jointly held by the filer with the spouse or dependent children, mark the other higher category.

Prior Editions Cannot be Used.

Do not Complete Schedule B if you are a new entrant, nominee, Vice Presidential or Presidential Candidate

Reporting Individual's Name
Steven Chu

SCHEDULE B

Page Number

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Part I: Transactions

Report any purchase, sale, or exchange by you, your spouse, or dependent children during the reporting period of any real property, stocks, bonds, commodity futures, and other securities when the amount of the transaction exceeded \$1,000. Include transactions that resulted in a loss. Do not

report a transaction involving property used solely as your personal residence, or a transaction solely between you, your spouse, or dependent child. Check the "Certificate of divestiture" block to indicate sales made pursuant to a certificate of divestiture from OGE.

None

☐

Amount of Transaction (X)

Transaction Type (X)	Date (Mo., Day, Yr.)	Amount of Transaction (X)									
		\$1,001 - \$15,000	\$15,001 - \$50,000	\$50,001 - \$100,000	\$100,001 - \$250,000	\$250,001 - \$500,000	\$500,001 - \$1,000,000	Over \$1,000,000*	\$1,000,001 - \$5,000,000	\$5,000,001 - \$25,000,000	Over \$25,000,001 - \$50,000,000
Purchase											
Sale											
Exchange											

Example: Central Airlines Common

Identification of Assets

X

2/1/99

X

* This category applies only if the underlying asset is solely that of the filer's spouse or dependent children. If the underlying asset is either held by the filer or jointly held by the filer with the spouse or dependent children, use the other higher categories of value, as appropriate.

Part II: Gifts, Reimbursements, and Travel Expenses

For you, your spouse and dependent children, report the source, a brief description, and the value of: (1) gifts (such as tangible items, transportation, lodging, food, or entertainment) received from one source totaling more than \$260; and (2) travel-related cash reimbursements received from one source totaling more than \$260. For conflicts analysis, it is helpful to indicate a basis for receipt, such as personal friend, agency approval under 5 U.S.C. § 4111, or other statutory authority, etc. For travel-related gifts and reimbursements, include travel itinerary, dates, and the nature of expenses provided. Exclude anything given to you by

the U.S. Government, given to your agency in connection with official travel; received from relatives; received by your spouse or dependent child totally independent of their relationship to you; or provided as personal hospitality at the donor's residence. Also, for purposes of aggregating gifts to determine the total value from one source, exclude items worth \$104 or less. See instructions for other exclusions.

None

☐

Source (Name and Address)	Brief Description	Value
Examples: Nat'l Assn. of Book Collectors, NY, NY Frank Jones, San Francisco, CA	Airline ticket, hotel room, & meals incident to national conference 6/15/99 (personal activity unrelated to duty) Leather briefcase (personal friend)	\$500 \$300
1		
2		
3		
4		
5		

SCHEDULE C

Page Number
9

Part I: Liabilities

Report liabilities over \$10,000 owed to any one creditor at any time during the reporting period by you, your spouse, or dependent children. Check the highest amount owed during the reporting period. Exclude a mortgage on your

personal residence unless it is rented out, loans secured by automobiles, household furniture or appliances, and liabilities owed to certain relatives listed in instructions. See instructions for revolving charge accounts.

			None <input checked="" type="checkbox"/> X		Category of Amount or Value (x)											
			Date Incurred	Interest Rate	Term if applicable	\$10,001 - \$15,000	\$15,001 - \$50,000	\$50,001 - \$100,000	\$100,001 - \$250,000	\$250,001 - \$500,000	\$500,001 - \$1,000,000	Over \$1,000,000*	\$1,000,001 - \$5,000,000	\$5,000,001 - \$25,000,000	\$25,000,001 - \$50,000,000	Over \$50,000,000
Examples:			1991 1999	8% 10%	25 yrs. on demand			X		X						
	Creditors: (Name and Address)	Type of Liability														
1	First District Bank, Washington, DC John Jones, 123 J St., Washington, DC	Mortgage on rental property, Delaware Promissory note														
2																
3																
4																
5																

* This category applies only if the liability is solely that of the filer's spouse or dependent children. If the liability is that of the filer or a joint liability of the filer with the spouse or dependent children, mark the other higher categories, as appropriate.

Part II: Agreements or Arrangements

Report your agreements or arrangements for: continuing participation in an employee benefit plan (e.g., 401k, deferred compensation); (2) continuation payment by a former employer (including severance payments); (3) leaves

of absence; and (4) future employment. See instructions regarding the reporting of negotiations for any of these arrangements or benefits

	Status and Terms of any Agreement or Arrangement	None <input type="checkbox"/> X														
		Category of Amount or Value (x)										Over \$1,000,000	\$1,000,001 - \$5,000,000	\$5,000,001 - \$25,000,000	\$25,000,001 - \$50,000,000	Over \$50,000,000
Example:	Pursuant to partnership agreement, will receive lump sum payment of capital account & partnership share calculated on service performed through 1/00.															
1	Upon my resignation from the University of California and university club membership. I will repay the mortgage within 6 months of my resignation per the original agreement.															
2	As an employee of the UC, I participated in the UC Retirement Savings Plan Program. I will continue to participate in this plan, however, no further contributions will be made by the employer.															
3	I currently participate in TIAA-CREF through Stanford University. If confirmed, I will continue to participate in the plan, however, no further contributions will be made by the employer.															
4																
5																
6																

Reporting Individual's Name

Steven Chu

Page Number

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SCHEDULE D

Part I: Positions Held Outside U.S. Government

Report any positions held during the applicable reporting period, whether compensated or not. Positions include but are not limited to those of an officer, director, trustee, general partner, proprietor, representative, employee, or

consultant of any corporation, firm, partnership, or other business enterprise or any non-profit organization or educational institution. Exclude positions with religious, social, fraternal, or political entities and those solely of an honorary nature.

None ☐

	Organization (Name and Address)	Type of Organization	Position Held	From (Mo., Yr.)	To (Mo., Yr.)
Examples:	Natl Assn. of Rock Collectors, NY, NY Doe Jones & Smith, Hometown, State	Non-profit education Law firm	President Partner	6/92 7/85	Present 1/00
1	Hewlett Foundation, San Francisco, CA	non-profit, philanthropy	board member	2002	present
2	Nvidia, Menlo Park, CA	semiconductor company	board member	2004	present
3	University of Rochester, Rochester, NY	university	board member	1998	present
4	Okinawa Institute of Science and Technology, Okinawa, Japan	university	board member	2003	present
5	Moore Foundation, San Francisco, CA	non-profit, philanthropy	scientific board member	2005	present
6	MacArthur Foundation, Chicago, IL	non-profit, philanthropy	scientific board member	2007	present

Part II: Compensation In Excess Of \$5,000 Paid by One Source

Report sources of more than \$5,000 compensation received by you or your business affiliation for services provided directly by you during any one year of the reporting period. This includes the names of clients and customers of any

corporation, firm, partnership, or other business enterprise, or any other non-profit organization when you directly provided the services generating a fee or payment of more than \$5,000. You need not report the U.S. Government as a source

Do not complete this part if you are an incumbent, Termination Filer, or Vice Presidential or Presidential Candidate
 None ☐

	Source (Name and Address)	Brief Description of Duties
Examples:	Doe Jones & Smith, Hometown, State Metro University (client of Doe Jones & Smith), Moneytown, State	Legal services Legal services in connection with university construction
1	Moore Foundation, San Francisco, CA	Science Advisory Board Member
2	Fundacion Premios Rey Jaime I, Valencia, Spain	Judge for Rey Jaime I Prize
3	Kyungwon University, Korea	Honorarium and one time consulting service
4	Duke University, Durham, NC	Honorarium
5	Yale University, New Haven, CT	Honorarium
6	Metanexus, Bryn Mawr, PA	Manuscript for Townes 90th Birthday Symposium

Reporting Individual's Name
 Steven Chu

SCHEDULE D continued

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Part I: Positions Held Outside U.S. Government

Report any positions held during the applicable reporting period, whether compensated or not. Positions include but are not limited to those of an officer, director, trustee, general partner, proprietor, representative, employee, or

consultant of any corporation, firm, partnership, or other business enterprise or any non-profit organization or educational institution. Exclude positions with religious, social, fraternal, or political entities and those solely of an honorary nature.

1	Organization (Name and Address)	Type of Organization	Position Held	None <input type="checkbox"/>	
				From (Mo., Yr.)	To (Mo., Yr.)
Examples:	Natl. Assn. of Rock Collectors, NY, NY	Non-profit education	President	6/92	Present
	Doe Jones & Smith, Hometown, State	Law firm	Partner	7/85	1/00
1	Helios Biosciences Corporation, Cambridge, MA	start-up biotech company	scientific board member	2004	present
2	Richard C. Blum Center for Developing Economies, Berkeley, CA	non-profit, philanthropy	board of trustee	9/08	present
3	Copenhagen Climate Council, Copenhagen, Denmark	non-profit	councillor	4/2008	present
4	SEEO, Berkeley, CA	start-up battery company	scientific board member	5/2008	present
5	NABSys, Providence, RI	start-up biotech company	scientific board member	2003	present
6	National Academy of Sciences (NAS), America's Energy Future Committee, Washington, DC	non-profit	committee member	9/07	present

Part II: Compensation In Excess Of \$5,000 Paid by One Source

Report sources of more than \$5,000 compensation received by you or your business affiliation for services provided directly by you during any one year of the reporting period. This includes the names of clients and customers of any

corporation, firm, partnership, or other business enterprise, or any other non-profit organization when you directly provided the services generating a fee or payment of more than \$5,000. You need not report the U.S. Government as a source.

Do not complete this part if you are an incumbent, Termination Filer, or Vice Presidential or Presidential Candidate
 None ☐

Source (Name and Address)		Brief Description of Duties	
Examples:		Legal services	
Doe Jones & Smith, Hometown, State		Legal services in connection with university construction	
Metro University (Client of Doe Jones & Smith), Moneytown, State		Professor at University of California, Berkeley and Director of Lawrence Berkeley National Laboratory	
1	University of California, Oakland, CA		
2	Chinese University Hong Kong	Lecturer	
3			
4			
5			
6			

Reporting Individual's Name

Steven Chu

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SCHEDULE D continued

Part I: Positions Held Outside U.S. Government

Report any positions held during the applicable reporting period, whether compensated or not. Positions include but are not limited to those of an officer, director, trustee, general partner, promoter, representative, employee, or

consultant of any corporation, firm, partnership, or other business enterprise, or any non-profit organization, or educational institution. Exclude positions with religious, social, fraternal, or political entities and those solely of an honorary nature.

None: ☐

1	Organization (Name and Address)	Type of Organization	Position Held	From (Mo., Yr.)	To (Mo., Yr.)
Examples:	Natl. Assn. of Rock Collectors, NY, NY	Non-profit education	President	6/92	Present
	Doe Jones & Smith, Hometown, State	Law firm	Partner	7/85	1/00
1	Copenhagen Climate Council, Copenhagen, Denmark	non-profit	committee member	2007	present
2	Council of Competitiveness, Energy Security, Innovation & Sustainability Initiative Steering Committee, Washington, DC	non-profit	committee member	3/07	present
3	University of California, Berkeley, CA	non-profit educational	Laboratory Director & Professor	8/2004	present
4	Stanford University	non-profit educational	Professor - Leave of Absence	8/2004	9/2008
5					
6					

Part II: Compensation In Excess Of \$5,000 Paid by One Source

Report sources of more than \$5,000 compensation received by you or your business affiliation for services provided directly by you during any one year of the reporting period. This includes the names of clients and customers of any

corporation, firm, partnership, or other business enterprise, or any other non-profit organization when you directly provided the services generating a fee or payment of more than \$5,000. You need not report the U.S. Government as a source.

Do not complete this part if you are an Incumbent, Termination Filer, or Vice Presidential or Presidential Candidate.
None: ☐

	Source (Name and Address)	Brief Description of Duties
Examples:	Doe Jones & Smith, Hometown, State	Legal services
	Metro University (client of Doe Jones & Smith), Moneytown, State	Legal services in connection with university construction
1		
2		
3		
4		
5		
6		

NOTE1:

Nvidia Stock Options

Award Date	Award Amount	Award Price	Vested	Unvested	Outstanding	Exercisable	Next Vest Date	Final Exercise Date
7/1/04	225,000	\$6.8233	225,000		225,000	225,000		6/30/10
8/1/05	75,000	\$9.02	75,000		75,000	75,000		7/31/11
8/1/06	45,000	\$14.76	11,250	33,750	45,000	11,250	2/1/09	7/31/12
6/22/07	36,000	\$29.08		36,000	36,000		9/22/09	6/21/13
6/20/08	30,000	\$19.76		36,000	30,000		9/20/10	6/19/14

NOTE 2:

I currently receive royalty payments from two of my patents: (1) Method and Apparatus for Manipulating Atoms, Ions or Molecules and for Measuring Physical Quantities using Stimulated Raman Transitions; U.S. Patent No. 5,274,231; Filed April 14, 1992, awarded Dec. 28, 1993; holders: Steven Chu and Mark Kasevich; and (2) Method and Apparatus for Manipulating Atoms, Ions or Molecules and for Measuring Physical Quantities using Stimulated Raman Transitions; U.S. Patent No. 5,274,232; Filed April 14, 1992, awarded Dec. 28, 1993; holders: Steven Chu and Mark Kasevich. The entity paying the royalties is AOSense, Inc.; however, I actually receive from the payment from Stanford University, my employer at the time.

NOTE 3:

My spouse is the author of *Questions and Admissions: Reflection of 100,000 Admissions Decisions at Stanford*. The value of this asset is not readily ascertainable.

NOTE 4:

Below is information on other patents I hold for which I do not currently receive any royalties and for which I did not receive royalties in 2008. The value of these patents is not ascertainable.

1. Charged Particle Energy Filter; U.S. patent 4,742,224; Filed Dec. 22, 1986, Awarded May 3, 1988; holders: Steven Chu, Aly Dayem, and Eric Westervick
2. Method for Optically Manipulating Polymer Filaments; U.S. Patent No. 5,079,169; Filed May 22, 1990, awarded Jan. 7, 1992; holders: Steven Chu and Stephen Kron
3. An Improved Frequency Standard using an Atomic Fountain of Optically Trapped Atoms; U.S. patent No. 5,338,930; Filed June 1, 1990, awarded 1994, International patent filed May 31, 1991; holders: Steven Chu, Carl Wieman, and William Swann.
4. An Atom Interferometer based on the Mechanical Effects of Light on Matter; Filed April 4, 1992; holders: Steven Chu and Mark Kasevich
5. A Method and Apparatus for Measuring Gradients of Force on Atoms, Ions and Molecules using Stimulated Raman Transitions
Filed April 4, 1992; holders: Steven Chu and Mark Kasevich
6. Optical Trap System and Method; U.S. patent No. 5,512,745; Filed March 9, 1994, awarded Apr. 30, 1996; holders: Jeffery Finer, Robert Simmons, James Spudich, and Steven Chu
7. Frequency Standard using an Atomic Stream of Optically Cooled Atoms; U.S. patent No. 5,528,028; Filed Oct. 20 1994, awarded June 18, 1996; holders: Steven Chu, Carl Wieman, and William Swann
8. Cooling by Resonator-Induced Coherent Scattering of Radiation; U.S. patent No. 6,684,645; Filed April 2, 2003, Awarded Feb 3, 2004; holders: Valdan Vuletic and Steven Chu
9. System and Method for Confining an Object to a Region of Fluid Flow Having a Stagnation Point; U.S. patent No. 7,013,739; Filed May 7, 2004; holders: Charles M. Schroeder, Hazen P. Babcock, Eric S. G. Shaqfeh, and Steven Chu