BRITESMILE INC Form SC 13D/A June 02, 2006

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D

INFORMATION TO BE INCLUDED IN STATEMENTS
FILED PURSUANT TO RULE 13d-1(a) AND AMENDMENTS
THERETO FILED PURSUANT TO RULE 13d-2(a)

(AMENDMENT NO. 16 TO SCHEDULE 13D)

Under the Securities Exchange Act of 1934

BRITESMILE, INC. (Name of Issuer)

COMMON STOCK, PAR VALUE \$.001 PER SHARE (Title of Class of Securities)

110415106 (CUSIP Number)

CRAIGH LEONARD, ESQ.

Morrison & Foerster LLP
1290 Avenue of the Americas
NEW YORK, NEW YORK 10104-0050
(212) 468-8007

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

June 1, 2006 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.  $|\_|$ 

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SCHEDULE 13D

CUSIP NO. 110415106

(1)	Name of reporting persons	LCO	INVESTMENTS	LIMITED
	S.S. or I.R.S. identification Nos. of above persons			
(2)	Check the appropriate box if a member of a group (see	(a)	X	
	instructions)	(b)	1_1	
(3)	SEC use only			

(4)	Source of funds (see instructions)	WC
(5)	Check if disclosure of legal proceedings is required pursuant to items 2(d) or 2(e)	I_I
(6)	Citizenship or place of organization	GUERNSEY, CHANNEL ISLANDS
	r of shares beneficially owned by reporting person with:	
(7)	Sole voting power	3,567,420 (which includes 341,668 shares subject to acquisition within 60 days on exercise of certain Warrants)
(8)	Shared voting power	None
(9)	Sole dispositive power	3,567,420 (which includes 341,668 shares subject to acquisition within 60 days on exercise of certain Warrants)
(10)	Shared dispositive power	None
(11)	Aggregate amount beneficially owned by each reporting person	3,567,420 (which includes 341,668 shares subject to acquisition within 60 days on exercise of certain Warrants)
(12)	Check if the aggregate amount in Row (11) excludes certain shares (see instructions)	I_I
(13)	Percent of class represented by amount in Row (11)	33.82%
(14)	Type of reporting person (see instructions)	СО
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	SCHED	ULE 13D
CUSIP	NO. 110415106	
(1)	Name of reporting persons	THE ERSE TRUST
	S.S. or I.R.S. identification Nos. of above persons	
(2)	Check the appropriate box if a member of a group (see instructions)	(a)  X  (b)  _
(3)	SEC use only	
(4)	Source of funds (see	
` '	instructions)	Not applicable

(5)	Check if disclosure of legal proceedings is required pursuant to items 2(d) or 2(e)	I_I
(6)	Citizenship or place of organization	GUERNSEY, CHANNEL ISLANDS
	r of shares beneficially owned by reporting person with:	
(7)	Sole voting power	None
(8)	Shared voting power	None
(9)	Sole dispositive power	None
(10)	Shared dispositive power	None
(11)	Aggregate amount beneficially owned by each reporting person	3,567,420 (which includes 341,668 shares subject to acquisition within 60 days on exercise of certain Warrants)
(12)	Check if the aggregate amount in Row (11) excludes certain shares (see instructions)	I_I
(13)	Percent of class represented by amount in Row (11)	33.82%
(14)	Type of reporting person (see instructions)	00(Trust)
The inclusion of The ERSE Trust in this Statement shall not be construed as an admission that such party is, for purposes of Section 13(d) of the Securities Exchange Act of 1934, the beneficial owner of any securities covered by this Statement.		
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	SCHED	ULE 13D
CUSIP	NO. 110415106	
(1)	Name of reporting persons	CAP ADVISERS LIMITED
	S.S. or I.R.S. identification Nos. of above persons	
(2)	Check the appropriate box if a member of a group (see instructions)	(a)  X  (b)  _
(3)	SEC use only	(5)  _
(4)	Source of funds (see	
(1)	instructions)	WC
(5)	Check if disclosure of legal proceedings is required pursuant	

(6)	Citizenship or place of organization	UNITED KINGDOM
	r of shares beneficially owned by reporting person with:	
(7)	Sole voting power	52,053
(8)	Shared voting power	39,636
(9)	Sole dispositive power	52,053
(10)	Shared dispositive power	39,636
(11)	Aggregate amount beneficially owned by each reporting person	3,659,109 (which includes 341,668 shares subject to acquisition within 60 days on exercise of certain Warrants)
(12)	Check if the aggregate amount in Row (11) excludes certain shares (see instructions)	1_1
(13)	Percent of class represented by amount in Row (11)	34.6%
(14)	Type of reporting person (see instructions)	СО
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	SCHED	ULE 13D
CHSTD	NO. 110415106	OUE 13D
(1)	Name of reporting persons	ANTHONY M PILARO
(1)	S.S. or I.R.S. identification Nos. of above persons	
(2)	Check the appropriate box if a member of a group (see	(a)  X
	instructions)	(b)  _
(3)	SEC use only	
(4)	Source of funds (see instructions)	Not Applicable
(5)	Check if disclosure of legal proceedings is required pursuant to items 2(d) or 2(e)	1_1
(6)	Citizenship or place of organization	IRELAND
	r of shares beneficially owned by reporting person with:	
(7)	Sole voting power	None

(8)	Shared voting power	None
(9)	Sole dispositive power	None
(10)	Shared dispositive power	None
(11)	Aggregate amount beneficially owned by each reporting person	3,659,109 (which includes 341,668 shares subject to acquisition within 60 days on exercise of certain Warrants)
(12)	Check if the aggregate amount in Row (11) excludes certain shares (see instructions)	I_I
(13)	Percent of class represented by amount in Row (11)	34.6%
(14)	Type of reporting person (see instructions)	IN
an ad Secur	mission that such person is, for p	his Statement shall not be construed as urposes of Section 13(d) of the neficial owner of any securities covered
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	SCHED	ULE 13D
CUSIP	NO. 110415106	
(1)	Name of reporting persons	THE LCP II TRUST
	S.S. or I.R.S. identification Nos. of above persons	
(2)	Check the appropriate box if a member of a group (see instructions)	(a)  X
(3)		(b)  _
	SEC use only  Source of funds (see	
(4)	instructions)	Not Applicable
(5)	Check if disclosure of legal proceedings is required pursuant to items 2(d) or 2(e)	1_1
(6)	Citizenship or place of organization	JERSEY, CHANNEL ISLANDS
	r of shares beneficially owned by reporting person with:	
(7)	Sole voting power	533,335
(8)	Shared voting power	None

	_aga: :g				.02/
(9)	Sole dispositive power	•	533,335		
(10)	Shared dispositive power	•	None		
(11)	Aggregate amount beneficially owned by each reporting person		533,335		
(12)	Check if the aggregate amount Row (11) excludes certain sha (see instructions)	res	1_1		
(13)	Percent of class represented amount in Row (11)		5.06%		
(14)	Type of reporting person (see instructions)		00 (Tru:	st)	
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	S	CHED	ULE 13D		
CUSIP	NO. 110415106				
(1)	Name of reporting persons		AMP TRUS	ST	
	S.S. or I.R.S. identification Nos. of above persons				
(2)	Check the appropriate box if member of a group (see		(a)  X		
	instructions)		(b)  _		
(3)	SEC use only	•			
(4)	Source of funds (see instructions)		WC		
(5)	Check if disclosure of legal proceedings is required pursu to items 2(d) or 2(e)		1_1		
(6)	Citizenship or place of organization		JERSEY,	CHANNEL	ISLANDS
	r of shares beneficially owned reporting person with:	l by			
(7)	Sole voting power	•	4,500		
(8)	Shared voting power		None		
(9)	Sole dispositive power		4,500		
(10)	Shared dispositive power	•	None		
(11)	Aggregate amount beneficially owned by each reporting person		4,500		
(12)	Check if the aggregate amount Row (11) excludes certain sha				

	(see instructions)	1_1
(13)	Percent of class represented by amount in Row (11)	.04%
(14)	Type of reporting person (see instructions)	00 (Trust)
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	SCHED	ULE 13D
CUSIP	NO. 110415106	
(1)	Name of reporting persons	CAP CHARITABLE FOUNDATION
	S.S. or I.R.S. identification Nos. of above persons	
(2)	Check the appropriate box if a member of a group (see	(a)  X
	instructions)	(b)  _
(3)	SEC use only	
(4)	Source of funds (see instructions)	Not Applicable
(5)	Check if disclosure of legal proceedings is required pursuant to items 2(d) or 2(e)	1_1
(6)	Citizenship or place of organization	GUERNSEY, CHANNEL ISLANDS
	r of shares beneficially owned by reporting person with:	
(7)	Sole voting power	7,500
(8)	Shared voting power	None
(9)	Sole dispositive power	7,500
(10)	Shared dispositive power	None
(11)	Aggregate amount beneficially owned by each reporting person	7,500
(12)	Check if the aggregate amount in Row (11) excludes certain shares (see instructions)	1_1
(13)	Percent of class represented by amount in Row (11)	.07%
(14)	Type of reporting person (see instructions)	00 (Trust)

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CUSIP	NO. 110415205	
(1)	Name of reporting persons	EXCIMER VISION LEASING L.P
	S.S. or I.R.S. identification Nos. of above persons	
(2)	Check the appropriate box if a member of a group (see instructions)	(a)  X  (b)  _
(3)	SEC use only	
(4)	Source of funds (see instructions)	WC
(5)	Check if disclosure of legal proceedings is required pursuant to items 2(d) or 2(e)	1_1
(6)	Citizenship or place of organization	Delaware
	r of shares beneficially owned by reporting person with:	
(7)	Sole voting power	318,170
(8)	Shared voting power	None
(9)	Sole dispositive power	318,170
(10)	Shared dispositive power	None
(11)	Aggregate amount beneficially owned by each reporting person	318,170
(12)	Check if the aggregate amount in Row (11) excludes certain shares (see instructions)	
(13)	Percent of class represented by amount in Row (11)	3.01%
(14)	Type of reporting person (see instructions)	PN
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	SCHE	DULE 13D
CUSIP	NO. 110415205	
(1)	Name of reporting persons	CAP PROPERTIES LIMITED

	S.S. or I.R.S. identification Nos. of above persons		
(2)	Check the appropriate box if a member of a group (see instructions)	(a)  X  (b)  _	
(3)	SEC use only		
(4)	Source of funds (see instructions)	WC	
(5)	Check if disclosure of legal proceedings is required pursuant to items 2(d) or 2(e)	1_1	
(6)	Citizenship or place of organization	Delaware	
	r of shares beneficially owned by reporting person with:		
(7)	Sole voting power	318,170	\1
(8)	Shared voting power	None	
(9)	Sole dispositive power	318,170	\1
(10)	Shared dispositive power	None	
(11)	Aggregate amount beneficially owned by each reporting person	318,170	\1
(12)	Check if the aggregate amount in Row (11) excludes certain shares (see instructions)	1_1	
(13)	Percent of class represented by amount in Row (11)	3.01%	
(14)	Type of reporting person (see instructions)	CO	

 $\1$  CAP Properties is the general partner of Excimer Vision Leasing, L.P. and has the sole right to vote the shares held directly by Excimer.

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# BRITESMILE, INC. SCHEDULE 13D AMENDMENT NO. 16

NOTE: This Amendment No. 16 amends a Statement on Schedule 13D originally filed on April 11, 1996 by LCO Investments Limited and others, as amended by an Amendment No. 1 filed on December 6, 1996, by an Amendment No. 2 filed on May 23, 1997, by an Amendment No. 3 filed on September 24, 1997, by an Amendment No. 4 filed on December 1, 1997, by an Amendment No. 5 filed on May 11, 1998, by an Amendment No. 6 filed on December 15, 1998, by an Amendment No. 7 filed on July 2, 1999, by an Amendment No. 8 filed on November 8, 1999, by an Amendment No. 9 filed on July 13, 2000, by an Amendment No. 10 filed on January 11, 2001, by an Amendment No. 11 filed on July 23, 2001, by an Amendment No. 12 filed on

November 13, 2001, by an Amendment No. 13 filed on December 17, 2001, by an Amendment No. 14 filed on January 27, 2003 and by an Amendment No. 15 filed on January 7, 2004. This Amendment No. 16 is filed on behalf of LCO Investments Limited, The ERSE Trust, CAP Advisers Limited, Anthony M. Pilaro, the LCP II Trust, the AMP Trust, CAP Charitable Foundation, Excimer Vision Leasing L.P. and CAP Properties Limited.

This Amendment No. 16 is being filed to reflect (a) a change in the plans and proposals which the reporting persons have; and (b) to reflect the present beneficial interests of the reporting persons in BriteSmiles' outstanding Common stock. There has been no change in the information set forth in response to Items 1, 2, 3 or 6 of Schedule 13D. Accordingly, those Items are omitted from this Amendment No. 16.

The inclusion of The ERSE Trust and Anthony M. Pilaro shall not be construed as an admission that such parties are, for the purposes of Section 13(d) of the Securities Exchange Act of 1934, the beneficial owners of any securities covered by this Statement.

Item 4. Purpose of Transaction.

The reporting persons may seek to acquire additional shares of BriteSmile's Common Stock in public or private purchases and/or to form a group with one or more holders of BriteSmile's Common Stock so that the reporting persons, alone or together with the members of a group, have the power to vote more than 50% of the outstanding shares of Brite Smile's Common Stock. The reporting persons may, alone or together with such group, consider and pursue any of the transactions specified in Item 4 of Schedule 13D including but not limited to taking BriteSmile private and terminating the registration of its Common Stock under the Securities and Exchange Act of 1934, as amended. In the event that the reporting persons, alone or together with the members of a group, hold more than 50% of the outstanding shares of BriteSmile's Common stock, they would have the power under BriteSmile's charter and bylaws to appoint the members of BriteSmile's Board of Directors and to authorize any transactions required to be approved by BriteSmile's stockholders, including a merger of BriteSmile with or into another entity and a sale of all or substantially all of BriteSmile's assets.

Item 5. Interest in Securities of the Issuer.

Item 5(a)

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Item 5(a) is hereby amended to read in its entirety as follows:

Reference is made to the cover pages of this Statement for the aggregate number and the percentage of BriteSmile's outstanding Common Stock which is beneficially owned by each person listed in Item 2.

Item 7. Material to be Filed as Exhibits

Exhibit E which was previously filed, is the Power of Attorney and Authorizing Agreement appointing Craigh Leonard as Attorney-in-Fact and authorizing him to sign the Schedule 13D and all amendments thereto on behalf of LCO Investments, The ERSE Trust, CAP Advisers Limited and Anthony M. Pilaro.

Exhibit AA which was previously filed as an exhibit to the Form 3 filed by LCP II with respect to shares of Common Stock, is the Power of Attorney

appointing Craigh Leonard as Attorney-in-Fact and authorizing him to sign the Schedule 13D and all amendments thereto on behalf of The LCP II Trust.

Exhibit CC which was previously filed as an exhibit to the Form 3 filed by AMP Trust with respect to shares of Common Stock, is the Power of Attorney appointing Craigh Leonard as Attorney-in-Fact and authorizing him to sign the Schedule 13D and all amendments thereto on behalf of AMP Trust.

Exhibit DD which was previously filed as an Exhibit to the Form 3 filed by CAP Charitable Foundation with respect to shares of Common Stock, is the Power of Attorney appointing Craigh Leonard as Attorney-in-Fact and authorizing him to sign the Schedule 13D and all amendments thereto on behalf of CAP Charitable Foundation.

Exhibit FF which was previously filed is the Amended and Restated Joint Filing Agreement among LCO Investments Limited, the ERSE Trust, CAP Advisers Limited, Anthony M. Pilaro, the LCP II Trust, the AMP Trust, CAP Charitable Foundation, Excimer Vision Leasing, L.P. and CAP Properties Limited, dated November 24, 2003.

Exhibit JJ is the Power of Attorney appointing Craigh Leonard as Attorney in Fact and authorizing him to sign the Schedule 13D and all amendments thereto on behalf of CAP Properties Limited and Excimer Vision Leasing L.P.

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#### Signatures

After reasonable inquiry and to the best of my knowledge and belief, we certify that the information set forth in this Statement is true, complete and correct.

Dated: May 31, 2006

LCO INVESTMENTS LIMITED

By /s/Craigh Leonard

Craigh Leonard, Attorney-in-Fact

THE ERSE TRUST

CAP ADVISERS LIMITED

Attorney-in-Fact

LCP II TRUST

By: /s/Craigh Leonard

Craigh Leonard, Attorney-in-Fact

AMP TRUST

By: /s/Craigh Leonard

Craigh Leonard, Attorney-in-Fact

CAP CHARITABLE FOUNDATION

By: /s/Craigh Leonard

Craigh Leonard, Attorney-in-Fact

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EXCIMER VISION LEASING L.P.

By: /s/Craigh Leonard

Craigh Leonard, Attorney-in-Fact

CAP PROPERTIES LIMITED

By: /s/Craigh Leonard

Craigh Leonard, Attorney-in-Fact

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