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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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Estimated average burden	

	ss of Reporting Person	n*	2. Issuer Name and Ticker or Trading Symbol <u>FLAMEL TECHNOLOGIES SA</u> [FLML]		tionship of Reporting Pe all applicable) Director	10% Owner
		S.A.	3. Date of Earliest Transaction (Month/Day/Year) 12/14/2016	• X	Officer (give title below) See Rema	Other (specify below) arks
(Street) VENISSIEUX (City)	I0 (State)	69200 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	idual or Joint/Group Filir Form filed by One Rep Form filed by More the Person	porting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Transaction Code (Instr.					5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1130.4)
ADSs ⁽¹⁾	12/14/2016		Α		18,000	Α	(1)	58,000 ⁽²⁾	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code (8)		5. Number Derivative Securitie Acquired or Dispo of (D) (In 3, 4 and	ve es d (A) sed str.	6. Date Exerc Expiration Da (Month/Day/Y	te	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		(Instr. 4)		
Stock Option (right to buy)	\$7.36							(3)	12/12/2023	ADSs	100,000		100,000	D	
Stock Option (right to buy)	\$16.3							(4)	12/11/2024	ADSs	95,000		95,000	D	
Stock Option (right to buy)	\$14.35							(5)	12/10/2025	ADSs	100,000		100,000	D	
Stock Option (right to buy)	\$10.4	12/14/2016		A		100,000		(6)	12/14/2026	ADSs	100,000	\$0	100,000	D	

Explanation of Responses:

1. The issuer's "ADSs" are American Depositary Shares, with each ADS representing one ordinary share, nominal value 0.122 Euros per share, of the issuer; ADSs are represented by American Depositary Receipts. The securities acquired as reported in this statement represent the grant of ADSs under the issuer's "Free Share" award program; no purchase price was applicable to such grant. See footnote (2) for details as to the dates such ADSs will be issued to the reporting person.

2. Includes (a) 10,000 restricted ADSs granted under the issuer's "Free Share" award program on 12/11/2014, all of which will be issued to the reporting person on the fourth anniversary of the grant date, provided that the reporting person continues to be employed by the issuer or an affiliate thereof on the second anniversary of the grant date; (b) 20,000 restricted ADSs granted under the issuer's "Free Share" award program on 8/10/2016, all of which will be issued to the reporting person on the second anniversary of the grant date; (c) 18,000 restricted ADSs granted under the issuer's "Free Share" award program on 12/14/2016, all of which will be issued to the reporting person on the second anniversary of the grant date.

3. Options become exercisable as to 25,000 ADSs on each of the first four anniversaries after the 12/12/2013 grant date.

4. Options become exercisable as to 23,750 ADSs on each of the first four anniversaries after the 12/11/2014 grant date.

5. Options become exercisable as to 25,000 ADSs on each of the first four anniversaries after the 12/10/2015 grant date.

6. Options become exercisable as to 25,000 ADSs on each of the first four anniversaries after the 12/14/2016 grant date.

Remarks:

Sr. VP, General Counsel and Corporate Secretary

/s/ Phillandas T. Thompson

** Signature of Reporting Person

<u>12/16/2016</u> Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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