FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| STATEMENT | OF CHANGES | S IN BENEFICIAL | OWNERSHIP |
|------------------|-------------------|-----------------|------------------|

| OMB APPROVAL | | | | | | | |
|------------------------|-----------|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | |
| Estimated average burd | en | | | | | | |
| hours per response: | 0.5 | | | | | | |

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

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

| | | | | | | | | - | | | | | | | | | | | | |
|--|---|--|---|---------|---|--|---|------|--|---------|--|---|---------------------------------|--|---|---|--|---|--|--|
| 1. Name and Address of Reporting Person* THOMPSON PHILLANDAS T. | | | | | | 2. Issuer Name and Ticker or Trading Symbol FLAMEL TECHNOLOGIES SA [FLML] | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | |
| (Last) 33 AVE | (First) (Middle) VENUE DU DR. GEORGES LEVY | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/22/2016 | | | | | | | | | X Officer (give title Other (specify below) See Remarks | | | | | |
| (Street) VENISS (City) | | | 69200 (Zip) | | 4. 11 | If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | Line) | 5. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| | | Tab | le I - No | n-Deriv | vative | e Sec | curition | es A | cquired | , Dis | posed o | of, or | Benef | icially | Owne | ed | | | | |
| 1. Title of Security (Instr. 3) 2. Transact Date (Month/Day | | | | | Execu ly/Year) if any | | Deemed ecution Date, ny onth/Day/Year) | | Transaction Disp Code (Instr. | | curities Acquired (A) o sed Of (D) (Instr. 3, 4 | | | Secur Benef Owne | icially d Following | Form: | nership : Direct r Indirect str. 4) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | | Code | v | Amount | (A) or (D) Prio | | ice | Trans | eported ansaction(s) nstr. 3 and 4) | | | (Instr. 4) | |
| ADSs ⁽¹⁾ 03/22/. | | | | 2/2016 | 2016 | | P | | 10,000 |) A \$1 | | 11.103 | 20 | 20,000(2) | | D | | | | |
| | | Ta | | | | | | | | | osed of, onvertil | | | | wned | | | | | |
| 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. Transaction Code (Instr. 8) | | 5. Number of | | 6. Date Exercisable a Expiration Date (Month/Day/Year) | | • | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | De Se (In | Price of rivative curity str. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Or Fo Di or (I) | D. wnership orm: irect (D) r Indirect) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exercisab | | Expiration Date | Title | Amour or Numbe of Shai | , | | | | | | |
| Stock Option (right to buy) | \$7.36 | | | | | | | | (3) | 1 | 2/12/2023 | ADSs | 100,0 | 00 | | 100,000 | | D | | |
| Stock Option (right to buy) | \$16.3 | | | | | | | | (4) | 1 | 2/11/2024 | ADSs | 95,00 | 00 | | 95,000 | | D | | |
| Stock Option (right to buy) | \$14.35 | | | | | | | | (5) | 1 | .2/10/2025 | ADSs | 100,0 | 00 | | 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.
- 2. 10,000 are Restricted ADSs granted under the issuer's "Free Shares" award program on 12/11/2014. All of such 10,000 restricted ADSs will vest and 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 that 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.

Remarks:

Sr. VP, General Counsel and Corporate Secretary

03/22/2016 /s/ Phillandas T. Thompson

** Signature of Reporting Person

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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.