Mallinckrodt plc Form SC 13G/A March 24, 2014

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

Mallinckrodt PLC

(Name of Issuer)

Common Stock

(Title of Class of Securities)

G5785G107

(CUSIP Number)

March 12, 2014

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)
[_] Rule 13d-1(c)
[_] Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1 1	NAME OF REPO	DRTING PERSON	
	Artisan Par	rtners Limited Partnership	
	CHECK THE AN (see Instruc	PPROPRIATE BOX IF A MEMBER OF A GROUP ctions)	[_] [_]
	Not Applica		
3 5	SEC USE ONLY	ζ	
4 0	CITIZENSHIP Delaware	OR PLACE OF ORGANIZATION	
	Delawale		
		5 SOLE VOTING POWER	
	BER OF HARES	None	
	FICIALLY NED BY	6 SHARED VOTING POWER	
E	EACH DRTING	2,326,328	
PE	ERSON	7 SOLE DISPOSITIVE POWER	
V	NITH	None	
		8 SHARED DISPOSITIVE POWER	
		2,480,232	
9 P	AGGREGATE AN	40UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	2,480,232		
	CHECK BOX II (see Instruc	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	 [_]
	Not Applica	able	
11 B	PERCENT OF (CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	4.3%		
	IYPE OF REPO (see Instruc	DRTING PERSON ctions)	
	IA		

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1 NAME OF REPO	ORTING PERSON	
Artisan In	vestments GP LLC	
	PPROPRIATE BOX IF A MEMBER OF A GROUP	(a) [_] (b) [_]
Not Applica		
3 SEC USE ONL	Υ	
4 CITIZENSHIP	OR PLACE OF ORGANIZATION	
Delaware		
	5 SOLE VOTING POWER	
NUMBER OF	None	
	6 SHARED VOTING POWER	
OWNED BY EACH	2,326,328	
	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	2,480,232	
9 AGGREGATE AI	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
2,480,232		
10 CHECK BOX II (see Instruc	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)	[_]
Not Applica	able	
11 PERCENT OF (CLASS REPRESENTED BY AMOUNT IN ROW (9)	
4.3%		
	ORTING PERSON	
НС		
	Page 3 of 10	

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CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)			[_] [_]
Not Applica	able		
SEC USE ONLY	Y		
CITIZENSHIP	OR PLACE OF ORGANIZATION		
Delaware			
	5 SOLE VOTING POWER		
	None		
FICIALLY	6 SHARED VOTING POWER		
EACH	2,326,328		
ERSON	7 SOLE DISPOSITIVE POWER		
NITH	None		
	8 SHARED DISPOSITIVE POWER		
	2,480,232		
AGGREGATE AN	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
2,480,232			
			[_]
Not Applica	able		
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4.3%			
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	Page 4 of 10		
	(see Instruct Not Applica SEC USE ONL CITIZENSHIP Delaware Delaware Delaware BER OF HARES FICIALLY NED BY EACH ORTING ERSON WITH 2,480,232 CHECK BOX IN (see Instruct Not Applica PERCENT OF C 4.3%	(see Instructions) Not Applicable SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION Delaware 5 SOLE VOTING POWER BER OF ARRES FICIALLY 6 SHARED VOTING POWER NDB BY EACH 2,326,328 ORTING EESON 7 SOLE DISPOSITIVE POWER WITH None 8 SHARED DISPOSITIVE POWER 2,480,232 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,480,232 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) Not Applicable FERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.3% TYPE OF REPORTING PERSON (see Instructions) HC	(see Instructions) (a) (b) Not Applicable SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION Delaware 5 SOLE VOTING POWER EARCH 2,326,328 ORTING

CUSIP No. G5785G107

13G

1 NAME OF REPORTING PERSON

Artisan Partners Asset Management Inc.

	2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)		
Not App	plicable		
3 SEC USE	ONLY		
4 CITIZENS	SHIP OR PLACE OF ORGANIZATION		
Delawar	re		
	5 SOLE VOTING POWER		
NUMBER OF	None		
SHARES BENEFICIALLY	G SHARED VOTING POWER		
OWNED BY EACH	2,326,328		
REPORTING PERSON	7 SOLE DISPOSITIVE POWER		
WITH	None		
	8 SHARED DISPOSITIVE POWER		
	2,480,232		
9 AGGREGAT	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
2,480,2	232		
	DX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	[_]	
Not App	plicable		
11 PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
4.3%			
	REPORTING PERSON structions)		
HC			
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	ruge 5 of 10		
Item 1(a)	Name of Issuer:		
	Mallinckrodt PLC		
Item 1(b)	Address of Issuer's Principal Executive Offices:		
	Damastown Industrial Estate, Mulhuddart, Dublin L2 15		
Item 2(a)	Name of Person Filing:/1/		

Artisan Partners Limited Partnership ("APLP") Artisan Investments GP LLC ("Artisan Investments") Artisan Partners Holdings LP ("Artisan Holdings") Artisan Partners Asset Management Inc. ("APAM")

Item 2(b) Address of Principal Business Office:

APLP, Artisan Investments, Artisan Holdings, and APAM are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

APLP is a Delaware limited partnership Artisan Investments is a Delaware limited liability company Artisan Holdings is a Delaware limited partnership APAM is a Delaware corporation

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

G5785G107

Item 3 Type of Person:

(e) APLP is an investment adviser registered under section 203 of the Investment Advisers Act of 1940.

(g) Artisan Holdings is the sole limited partner of APLP and the sole member of Artisan Investments; Artisan Investments is the general partner of APLP; APAM is the general partner of Artisan Holdings.

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Item 4 Ownership (at March 12, 2014):

(a) Amount owned "beneficially" within the meaning of rule 13d-3:

2,480,232

(b) Percent of class:

4.3% (based on 58,169,085 shares outstanding as of January 31, 2014)

^{/1/} This amendment to the Schedule 13G is being filed solely as a result of the change in control of Artisan Partners Limited Partnership. As of March 12, 2014, Artisan Investment Corporation, ZFIC, Inc., Andrew A. Ziegler and Carlene M. Ziegler are no longer deemed to be controlling persons of Artisan Partners Limited Partnership and are no longer joint filers with the other reporting persons.

- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote:None
 - (ii) shared power to vote or to direct the vote: 2,326,328
 - (iii) sole power to dispose or to direct the disposition of:

None

(iv) shared power to dispose or to direct the disposition
 of:

2,480,232

Item 5 Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

Not Applicable

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and

correct.

Date: March 24, 2014

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP By: Gregory K. Ramirez * _____ _____ ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP By: Gregory K. Ramirez * _____ *By: /s/ Gregory K. Ramirez -----Gregory K. Ramirez Senior Vice President of Artisan Partners Asset Management Inc. Vice President of Artisan Investments GP LLC

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Exhibit Index

Exhibit 1 Joint Filing Agreement dated March 24, 2014 by and among Artisan Partners Limited Partnership, Artisan Investments GP LLC, Artisan Partners Holdings LP, and Artisan Partners Asset Management Inc.

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EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: March 24, 2014

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Gregory K. Ramirez *

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Gregory K. Ramirez *

*By: /s/ Gregory K. Ramirez Gregory K. Ramirez Senior Vice President of Artisan Partners Asset Management Inc. Vice President of Artisan Investments GP LLC

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