

Muhsin Bilal
Form 3
March 20, 2018

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Muhsin Bilal		(Month/Day/Year)	MASIMO CORP [MASI]	
(Last)	(First)	(Middle)	03/16/2018	
C/O MASIMO CORPORATION,Â 52 DISCOVERY			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	
			<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	6. Individual or Joint/Group Filing(Check Applicable Line)
			(give title below) (specify below)	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			EVP, ENG, MKTG & REG	<input type="checkbox"/> Form filed by More than One Reporting Person
IRVINE,Â CAÂ 92618				
(City)	(State)	(Zip)		

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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 control number.

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

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				Shares		or Indirect (I) (Instr. 5)	
Non-Qualified Stock Option (Right to Buy)	04/02/2013 ⁽¹⁾	04/02/2022	Common Stock	10,000	\$ 23.89	D	Â
Non-Qualified Stock Option (Right to Buy)	03/15/2014 ⁽²⁾	03/15/2023	Common Stock	10,000	\$ 19.9	D	Â
Non-Qualified Stock Option (Right to Buy)	08/20/2015 ⁽³⁾	08/20/2024	Common Stock	25,000	\$ 21.69	D	Â
Non-Qualified Stock Option (Right to Buy)	05/13/2016 ⁽⁴⁾	05/13/2025	Common Stock	50,000	\$ 34.51	D	Â
Non-Qualified Stock Option (Right to Buy)	03/01/2017 ⁽⁵⁾	02/28/2026	Common Stock	30,000	\$ 37.84	D	Â
Non-Qualified Stock Option (Right to Buy)	08/14/2018 ⁽⁶⁾	08/14/2027	Common Stock	30,000	\$ 85.54	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Muhsin Bilal C/O MASIMO CORPORATION 52 DISCOVERY IRVINE, CA 92618	Â	Â	Â EVP, ENG, MKTG & REG	Â

Signatures

/s/ David J. Van Ramshorst,
Attorney-In-Fact

03/20/2018

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) This option was granted on April 2, 2012 and is exercisable as the option vests. The option vests over a 5 year period, with 20% of the shares subject to the option vesting on each anniversary of the grant date.
 - (2) This option was granted on March 15, 2013 and is exercisable as the option vests. The option vests over a 5 year period, with 20% of the shares subject to the option vesting on each anniversary of the grant date.
 - (3) This option was granted on August 20, 2014 and is exercisable as the option vests. The option vests over a 5 year period, with 20% of the shares subject to the option vesting on each anniversary of the grant date.
 - (4) This option was granted on May 13, 2015 and is exercisable as the option vests. The option vests over a 5 year period, with 20% of the shares subject to the option vesting on each anniversary of the grant date.
 - (5) This option was granted on February 29, 2016 and is exercisable as the option vests. The option vests over a 5 year period, with 20% of the shares subject to the option vesting on each anniversary of the grant date.
 - (6) This option was granted on August 14, 2017 and is exercisable as the option vests. The option vests over a 5 year period, with 20% of the shares subject to the option vesting on each anniversary of the grant date.

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Remarks:

Exhibit 24 - Power of Attorney

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

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