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102034076 TO THE ASSISTANT COMMISSIONER FU

..... original documents or copy thereof.

2. Name and address of receiving party(ies):

Name of conveying party(ies): (If multiple assignors, list numerically)

Ammar Al-Ali

Additional name(s) of conveying party(ies) attached? Yes

(X)

No

Name: Masimo Corporation

Internal Address:

Street Address: 2852 Kelvin Avenue City: Irvine State: CA ZIP: 92614

Additional name(s) of receiving party(ies) attached?

Yes () (X)

Nature of conveyance:

- (X) Assignment
- Merger
- Security Agreement
- Change of Name
- Other: ()

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers

indicated in 1 above) March 14, 2002

Application number(s) or Patent number(s):

Application(s) filed herewith Execution () Date(s):

(X)Patent Application No.: 10/032,339 Filing Date: December 20, 2001

Patent No.: Issue Date:

Additional numbers attached? ()

(X)

No

Name and address of party to whom correspondence concerning document should be mailed:

Name: John M. Grover

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20.995 Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: MASIMO.259A

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

Authorized to be charged to deposit account if (X) any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

Total number of applications and patents involved: 1

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

John M. Grover

Name of Person Signing

March 25, 2002

42,610

Registration No.

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:

03/28/2002 DBYRNE 00000241 10032339

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U.S. Patent and Trademark Office Attn: Assignment Division Crystal Gateway-4

213 Jefferson Davis Highway, Suite 320 Arlington, VA 22202

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PATENT REEL: 012713 FRAME: 0008 Application No.: 10/032,339

Filing Date: December 20, 2001

MASIMO

PAGE 05

PATENT

Client Code: MASIMO.259A

Page 1

ASSIGNMENT

WHEREAS, I, Ammar Al-Ali, a citizen of the United States of America, residing at 10880 Phillips Street, Tustin, California 92782, have invented certain new and useful improvements in a RIBBON CABLE SUBSTRATE PULSE OXIMETRY SENSOR for which I have filed an application for Letters Patent in the United States, U.S. Patent Application No.: 10/032,339, filed on December 20, 2001.

AND WHEREAS, Masimo Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 2852 Kelvin Avenue, Irvine, California 92614, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, In consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said Inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful caths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of Mach., 2002

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COUNTY OF Orange } ss.

On Much 14, 2007, before me, Valeric L Boynocks, personally appeared Ammar Al-All personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

RECORDED: 03/28/2002

(SEAL)

Valen L Beroche

Notary Signature