

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE BY SECURED PARTY		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
COMERICA BANK		03/10/2006	Michigan Banking Corporation:
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	MASIMO CORPORATION		
<b>Street Address:</b>	2852 Kelvin Ave		
<b>City:</b>	Irvine		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	92614		
<b>Entity Type:</b>	CORPORATION: DELAWARE		
<b>PROPERTY NUMBERS Total: 4</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
Registration Number:	1951663	MASIMO	
Registration Number:	1896713		
Registration Number:	1906425	MASIMO	
Registration Number:	1941315	SET	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(858)550-6420		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
<b>Phone:</b>	858-550-6403		
<b>Email:</b>	erin.obrien@cooley.com		
<b>Correspondent Name:</b>	Erin O'Brien		
<b>Address Line 1:</b>	4401 Eastgate Mall		
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92121		
<b>ATTORNEY DOCKET NUMBER:</b>	036703-1181 MASIMO		
<b>NAME OF SUBMITTER:</b>	Erin O'Brien		

CH \$115.00 1951663

Signature:

/Erin O'Brien/

Date:

03/17/2006

Total Attachments: 2

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REASSIGNMENT AND RELEASE OF SECURITY INTEREST

This Reassignment and Release of Security Interest is made as of the 10th day of March 2006 by Comerica Bank ("LENDER") in favor of Masimo Corporation. ("COMPANY"), a Delaware Corporation with its principal place of business at 2852 Kelvin Ave, Irvine, CA 92614.

Recitals

WHEREAS, COMPANY assigned certain interests in the Trademarks described on Exhibit A (the "Trademarks") to LENDER under a Collateral Assignment, Patent Mortgage and Security Agreement dated as of the 16th day of April 1997, and recorded with the U.S. Patent and Trademark Office on May 30, 1997, and recorded at Reel 1594, Frame 0909, and

WHEREAS, COMPANY has satisfied all of its obligations LENDER in the Collateral Assignment, Patent Mortgage and Security Agreement and LENDER wishes to reassign all right, title and interest that LENDER may have in or to the Trademarks.

Agreement

Now therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, LENDER agrees that it releases its entire security interest in the Trademarks and reassigns to COMPANY, all interest of LENDER in the Trademarks.

Comerica Bank



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James Ligman  
Assistant Vice President - Western Market  
75 E. Trimble Road  
San Jose, CA 95131

TRADEMARK

EXHIBIT "A"

APPLICATION NUMBER: 74323652  
REGISTRATION NUMBER: 1951663

FILING DATE: 10/16/1992  
ISSUE DATE: 01/23/1996

MARK: MASIMO

DRAWING TYPE: WORDS, LETTERS, OR NUMBERS IN TYPED FORM

APPLICATION NUMBER: 74442461  
REGISTRATION NUMBER: 1896713

FILING DATE: 09/30/1993  
ISSUE DATE: 05/30/1995

MARK:

DRAWING TYPE: MISCELLANEOUS DESIGN

APPLICATION NUMBER: 74442460  
REGISTRATION NUMBER: 1906425

FILING DATE: 09/30/1993  
ISSUE DATE: 07/18/1995

MARK: MASIMO

DRAWING TYPE: WORDS, LETTERS, OR NUMBERS IN TYPED FORM

APPLICATION NUMBER: 74636576  
REGISTRATION NUMBER: 1941315

FILING DATE: 02/21/1995  
ISSUE DATE: 12/12/1995

MARK: SET

DRAWING TYPE: WORDS, LETTERS, OR NUMBERS IN TYPED FORM