

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4487916

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	PAUL ATKINSON	01/10/2017
	EDZER HUITEMA	01/10/2017
	JOHN H RILUM	01/08/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CHROMERA, INC.	
<b>Street Address:</b>	16395 SUMMER SAGE RD.	
<b>City:</b>	POWAY	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	62064	
<b>PROPERTY NUMBERS Total: 2</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15368622	
<b>PCT Number:</b>	US1664873	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(619)602-2530	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	6196022530	
<b>Email:</b>	bkolegraff@gmail.com	
<b>Correspondent Name:</b>	WILLIAM J KOLEGRAFF	
<b>Address Line 1:</b>	3119 TURNBERRY WAY	
<b>Address Line 4:</b>	JAMUL, CALIFORNIA 91935	
<b>ATTORNEY DOCKET NUMBER:</b>	CHR-PORT	
<b>NAME OF SUBMITTER:</b>	WILLIAM J KOLEGRAFF	
<b>SIGNATURE:</b>	/william j kolegraff/	
<b>DATE SIGNED:</b>	07/01/2017	
<b>Total Attachments: 3</b>		
source=Assignment_CHR_034#page1.tif		
source=Assignment_CHR_034#page2.tif		
source=Assignment_CHR_034#page3.tif		

## ASSIGNMENT

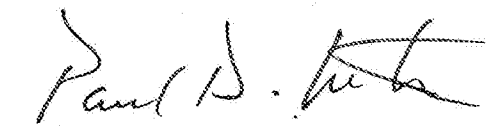
For value received, the receipt of which is hereby acknowledged, the following inventor, **PAUL ATKINSON**, (the "ASSIGNOR") hereby assigns, transfers and sets over to **CHROMERA, INC.**, a Delaware corporation having a place of business at 16395 Summer Sage Rd. Poway, CA 92064 (the "ASSIGNEE"), the entire worldwide right, title and interest in and to the inventions described in the following patents and applications:

- A. U.S. patent application number 15/368,622, entitled **OPTICALLY DETERMINING MESSAGES ON A DISPLAY**, which was filed on December 4, 2016, and all rights and privileges under any Letters Patent which may be granted thereon; (CHR-34U).
- B. International patent application number PCT/US16/64873, entitled **OPTICALLY DETERMINING MESSAGES ON A DISPLAY**, which was filed on December 4, 2016, and all rights and privileges under any Letters Patent which may be granted thereon; (CHR-34 PCT).

1. The ASSIGNOR agrees for a reasonable charge to said ASSIGNEE to (a) execute (i) all necessary papers to be used in connection with this application and any additional necessary or expedient documents, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property, Patent Cooperation Treaty, or similar agreements; and (b) to cooperate with ASSIGNEE in obtaining evidence and going forward in any proceeding in connection with this application. The ASSIGNOR agrees for a reasonable charge to said ASSIGNEE to perform all other affirmative acts that may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.

2. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon said patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

3. ASSIGNOR hereby covenants and warrants that it has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.



Assignor Signature  
**PAUL ATKINSON**

10 January 2017  
Date

## ASSIGNMENT

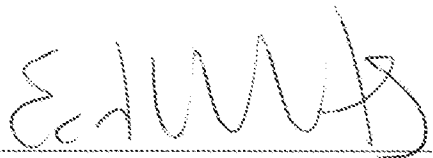
For value received, the receipt of which is hereby acknowledged, the following inventor, **EDZER HUITEMA**, (the "ASSIGNOR") hereby assigns, transfers and sets over to **CHROMERA, INC.**, a Delaware corporation having a place of business at 16395 Summer Sage Rd. Poway, CA 92064 (the "ASSIGNEE"), the entire worldwide right, title and interest in and to the inventions described in the following patents and applications:

- A. U.S. patent application number 15/368,622, entitled **OPTICALLY DETERMINING MESSAGES ON A DISPLAY**, which was filed on December 4, 2016, and all rights and privileges under any Letters Patent which may be granted thereon; (CHR-34U).
- B. International patent application number PCT/US16/64873, entitled **OPTICALLY DETERMINING MESSAGES ON A DISPLAY**, which was filed on December 4, 2016, and all rights and privileges under any Letters Patent which may be granted thereon; (CHR-34 PCT).

1. The ASSIGNOR agrees for a reasonable charge to said ASSIGNEE to (a) execute (i) all necessary papers to be used in connection with this application and any additional necessary or expedient documents, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property, Patent Cooperation Treaty, or similar agreements; and (b) to cooperate with ASSIGNEE in obtaining evidence and going forward in any proceeding in connection with this application. The ASSIGNOR agrees for a reasonable charge to said ASSIGNEE to perform all other affirmative acts that may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.

2. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon said patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

3. ASSIGNOR hereby covenants and warrants that it has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

  
\_\_\_\_\_  
Assignor Signature  
**EDZER HUITEMA**

1/10/2017  
\_\_\_\_\_  
Date

## ASSIGNMENT

For value received, the receipt of which is hereby acknowledged, the following inventor, **JOHN H. RILUM**, (the "ASSIGNOR") hereby assigns, transfers and sets over to **CHROMERA, INC.**, a Delaware corporation having a place of business at 16395 Summer Sage Rd. Poway, CA 92064 (the "ASSIGNEE"), the entire worldwide right, title and interest in and to the inventions described in the following patents and applications:

- A. U.S. patent application number 15/368,622, entitled **OPTICALLY DETERMINING MESSAGES ON A DISPLAY**, which was filed on December 4, 2016, and all rights and privileges under any Letters Patent which may be granted thereon; (CHR-34U).
- B. International patent application number PCT/US16/64873, entitled **OPTICALLY DETERMINING MESSAGES ON A DISPLAY**, which was filed on December 4, 2016, and all rights and privileges under any Letters Patent which may be granted thereon; (CHR-34 PCT).

1. The ASSIGNOR agrees for a reasonable charge to said ASSIGNEE to (a) execute (i) all necessary papers to be used in connection with this application and any additional necessary or expedient documents, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property, Patent Cooperation Treaty, or similar agreements; and (b) to cooperate with ASSIGNEE in obtaining evidence and going forward in any proceeding in connection with this application. The ASSIGNOR agrees for a reasonable charge to said ASSIGNEE to perform all other affirmative acts that may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.

2. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon said patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

3. ASSIGNOR hereby covenants and warrants that it has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

  
Assignor Signature  
**JOHN H. RILUM**

Jan. 8, 2017  
Date