# Electronic Version v1.1

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SUBMISSION TYPE	E:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE: ASSIGNMENT				
CONVEYING PART	ΓΥ DATA	]		
Name Execution Date			7	
Uri BANIN			03/17/2010	
Volker HILARIUS			03/16/2010	
Assaf AHARONI			03/15/2010	
Hagai ARBELL			03/10/2010	
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via UU Iviali.			PATENT	
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## REEL: 027016 FRAME: 0602

Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	Frommer Lawrence & Haug LLP 745 Fifth Avenue 10th Floor New York, NEW YORK 10151	
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Total Attachments: 3 source=2020assignment1005#page1.tif source=2020assignment1005#page2.tif source=2020assignment1005#page3.tif		

#### Full Name of Inventor: Uri BANIN Citizenship: Israelí Post Office Address: 37 Yasmin Street POB 1218b Mevasseret Zion 90805 Israel Full Name of Inventor: Volker HILARIUS Citizenship: German Post Office Address: Raibacher Tal 25 Gross-Umstadt 64823 Germany Full Name of Inventor: Assaf AHARONI Citizenship: Israeli Post Office Address: 72 Maze Street Tel Aviv 65789 Israel Full Name of Inventor: Hagai ARBELL Israeli Citizenship: Post Office Address: 5 Granot St., Jerusalem 93706 Israel

### ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do (does) assign, transfer and set over to

Name of Assignee	Merck Patent GmbH
Address of Assignee	Frankfürt Strasse 250 D-64293 Darmstadt Germany
Name of Assignee	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd. Israeli Company, of
Address of Assignee	Hi Tech Park Edmond Safra Campus Givat Ram Jerusalem 91390 Israel

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions and elsewhere throughout the world, in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

#### Title OPTICAL DISPLAY DEVICE AND METHOD THEREOF

for which the undersigned has (have) executed an application for patent in the United States of America, the specification of which:



is attached hereto. was filed on February 23, 2010 as Application Serial No. PCT/II.2010/000151

## PATENT REEL: 027016 FRAME: 0604

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignce.

4) The undersigned agree(s) to communicate to the Assignee or representatives thereof any facts known to me (us) respecting the invention and improvements thereof, and will, apon request, but without expense to me (us), testify in any legal proceedings regarding the invention.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignce.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Full Name of Inventor:	Uri BANIN	
Inventor's Signature:	Uni Istoriu	Date:1131113
Full Name of Inventor:	Volker HILARIUS	
Inventor's Signature:		Date:
Full Name of Inventor:	Assaf ANARONI	
Inventor's Signature:		Date: 17/1/10
Full Name of Inventor.	Hagai ARBELL	18
Inventor's Signature:	<u>Hayaı, Mittell</u>	Date: (15/3/10
	J	N, M
Date <u>14. 3</u>	10 Witness Tring Abranican-	· JAnveli //
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PATENT REEL: 027016 FRAME: 0605

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#### HR. 507 S. 8 Attorney's Docket No.:

1) The undersigned agree(s) to execute all papers uscessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Arsignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undertrighted agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

 The undersigned agree(s) to perform all affurmative acts which may be necessary to obtain a grant of a valid Under States patient to the Assignee,

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5) The index signed hureby authorize(s) and request(s) the Commissioner of Patents to issue any and all Leners Patents of the United States resulting from sold application or any division or divisions or continuing applications thereof to the sold Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, thy agreement in conflict herewith.

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7) This Assignment shall be binding upon my (our) hairs, executors, administrators, and/or assigns, and shall inure to the benefit of the hairs, axecutors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

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loventor's Signature:	Date:
Full Name of Inventor: Velker HILARIUS	· · · · · · · · · · · · · · · · · · ·
toventor's Signature: Lev 2000	Dete: 76 Härz 2019
Full Nems of Hyversor: Asset AHAROM	
laventer's Signature:	Date:
Full Name of Inventor: Hagai ARBELL	
breever's Signaure	Date:
Date TE Harz 2010 Witness Obudia Spender	-Kingk_
Date TE Mary 2919 Witness Salfrie Arhold	

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**RECORDED: 10/05/2011**