

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM HOGAN	01/25/2013
MARY BRENNER	01/25/2013
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15979694
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ATTORNEY DOCKET NUMBER:	11872.38.5.US.C4
NAME OF SUBMITTER:	NATHAN J. WITZANY
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DATE SIGNED:	05/15/2018
Total Attachments: 2	
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ASSIGNMENT

Dkt. No.: 11872.12.5.US.P1

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First Named Inventor: William Hogan

Title: LOW COST OPTICAL PACKAGE

WHEREAS, we, William Hogan residing at 505 RIVER MOONBOWS DR NEBRITT ISLAND
and Mary Hibbs-Brenner residing at 4275 Deerwood Lane North, Plymouth, Minnesota 55441, have invented a new EL
and useful invention as described in U.S. Patent Application entitled LOW COST OPTICAL PACKAGE, the 32953
application being identifiable by the Attorney Docket Number set forth above and/or being identifiable in the United
State Patent and Trademark Office by Application No. 61/735,724, filed on December 11, 2012; and

WHEREAS, Vixar Inc., having offices at 2950 Xenium Lane N, Suite 104, Plymouth, Minnesota 55441
("Assignee") is desirous of acquiring the entire right, title, and interest in and to the invention, the application, and
any and all Letters Patent or similar legal rights, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby
acknowledged, we each, individually and separately, hereby transfer to Assignee, its successors and assigns, the
entire right, title, and interest in and to (1) the invention throughout the world, (2) the above-identified application
and all corresponding domestic and foreign applications including any provisional, non-provisional, divisional,
continuation, continuation-in-part, reissue application, or any other application based on the invention, (3) all Letters
Patent or similar legal protection issuing thereon, and (4) all rights and benefits under any applicable treaty or
convention; and we each authorize the Commissioner of Patents and Trademarks of the United States or foreign
equivalent therefor to issue the Letters Patent or similar legal protection to the Assignee.

We each, individually and separately, authorize the Assignee, its successors and assigns or anyone it may properly
designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the U.S. and any and
all foreign countries and to make a claim of priority to any applications as entitled under U.S. law or applicable
international conventions, treaties, or otherwise.

We each, individually and separately, represent to the Assignee, its successors and assigns, that we each,
individually and separately, have not and shall not execute any writing or do any act whatsoever conflicting with this
Assignment. We each, individually and separately, our executors or administrators, will at any time upon request,
without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such
additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to
perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining,
and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

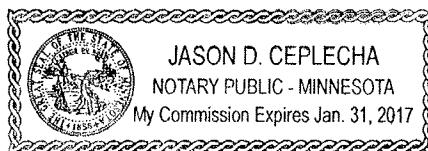
We each, individually and separately, authorize Assignee, its successors and assigns, to insert the Application No.
and Filing Date of the application in this instrument at a later time if they are not known at the time of preparing this
document.

IN WITNESS WHEREOF, we have executed this Assignment on the date written below.

William Hogan
William Hogan

1/25/2013
Date

Subscribed and sworn to
before me this 25 day
of January, 2013.



Mary Brenner

Mary Brenner

Jan. 25, 2013

Date

Subscribed and sworn to

Before me this 25 day

of January, 2013.

