502294986 04/02/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Halo LSI Design & Device Technology, Inc.	01/06/2013

RECEIVING PARTY DATA

Name:	Seiko Epson Corporation	
Street Address:	4-1, Nishishinjuku 2-chome	
Internal Address:	Shinjuku-ku	
City:	Tokyo-to	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6809385

CORRESPONDENCE DATA

Fax Number: 4084519458

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	ASSIGN008
NAME OF SUBMITTER:	Michael T. Gabrik, Reg. No. 32896
Signature:	/Michael T. Gabrik/
Date:	04/02/2013

Total Attachments: 1

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PATENT REEL: 030130 FRAME: 0831 \$40.00 680938

Assignment

Whereas, Halo LSI Design & Device Technology, Inc. of 169 Meyers Corners Road, Wappingers Falls, New York, U.S.A, hereinafter referred to as "Assignor", is the owner of an undivided one-half right, title and interest in United States Patent No. 6809385; and

Whereas, Seiko Epson Corporation of 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo-to, Japan, hereinafter referred to as "Assignee", desires to acquire the entire right, title, and interest of the Assignor in the said U.S. Patent;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the entire right, title and interest in the said U.S. Patent, and any reissues or re-examinations thereof, together with all claims for damages by reason of past infringement of the said U.S. Patent with the right to Assignee to sue for and collect the same for their own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that upon request by the Assignee, Assignor will promptly provide to Assignee all pertinent facts and documents relating to the invention claimed in the said U.S. Patent and legal equivalents as may be known and accessible to Assignor, and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers instruments or affidavits required to apply for, obtain, maintain, issue and enforce the said U.S. Patent which may be necessary by Assignee.

Halo LSI, Inc.

Date: Jan. 6, 2013

Mr Seiki Ogura

Title: CEO

PATENT REEL: 030130 FRAME: 0832

RECORDED: 04/02/2013