Total number of pages including cover sheet,

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PATENT REEL: 014148 FRAME: 0329

attachments and document:

ASSIGNMENT

WHEREAS, Robert HENDERSON of Edinburgh, United Kingdom, hereinafter referred to as ASSIGNOR, has made certain improvements or inventions in IMAGE SENSOR WITH READOUT CIRCUIT, for which ASSIGNOR has executed an application for United States Letters Patent filed on April 2, 2003, in the United States Patent and Trademark Office and assigned Serial No. 10/405,904; and

WHEREAS, STMicroelectronics Ltd., a United Kingdom company, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNOR does hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNOR does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenant and agrees that said **ASSIGNOR** is the owner of the full

PATENT REEL: 014148 FRAME: 0330 title herein conveyed and have the right to convey the same, and agrees that said ASSIGNOR will communicate to said ASSIGNEE any facts known to said ASSIGNOR respecting said invention or inventions, and testify in any legal proceedings when called upon by said ASSIGNEE, sign all lawful papers deemed by said ASSIGNEE as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE'S expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

1-5-93

RECORDED: 06/06/2003

Date

Robert HENDERSON