PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Oerlikon Trading AG, Trubbach	10/13/2008

RECEIVING PARTY DATA

Name:	Singulus Technologies AG
Street Address:	Hanauer Landstrasse 103
City:	63796 Kahl am Main
State/Country:	GERMANY

PROPERTY NUMBERS Total: 5

Property Type	Number
Patent Number:	5965228
Patent Number:	6893543
Patent Number:	6351446
Patent Number:	6645352
Patent Number:	6776882

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: J1021-001

NAME OF SUBMITTER: Peter C. Michalos

PATENT REEL: 021861 FRAME: 0391

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Total Attachments: 1

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PATENT REEL: 021861 FRAME: 0392

UNITED STATES PATENT ASSIGNMENT

WHEREAS Oerlikon Trading AG, Trübbach, having offices at Hauptstrasse, 9477 Trübbach, Switzerland, (hereinafter "Assignor") is the owner of the entire right, title, and interest in and to the following patents of the United States:

Patent/ Number	<u>Title</u>
5,965,228	Information Carrier, Method for Producing Same
6,893,543	Information Carrier, Method for Producing Same
6,351,446	Optical Data Storage Disk
6,645,352	Optical Data Storage Disk
6,776,882	Method for Producing A Hybrid Disk, And Hybrid Disk

WHEREAS Singulus Technologies AG, having offices at Hanauer Landstrasse 103, 63796 Kahl am Main, Germany (hereinafter "Assignee") is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, in the consideration of the sum of ten dollars (\$10.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, the Assignor by these presents does sell, assign and transfer unto the said Assignee, the entire right, title and interest in and to the said patents aforesaid and all rights, interests, claims and demands, recoverable in law or equity, that the Assignor has or may have in profits and damages for past and future infringements thereof; the same to be held and enjoyed by the said Assignee, for its own use and behoof, and for its legal representatives and assigns, to the full end of the term for which said patents are granted as fully and entirely as the same would have been held by the Assignor had this assignment not been made.

Executed this 13 th day of october, 2008.

Oerlikon Trading AG, Trübbach

By: V Name: Erich Haefeli Title: Erich Haefeli

Managing Director

Patent Dept.

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RECORDED: 11/20/2008