

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kenichi MIYAMOTO</td><td>11/10/2008</td></tr><tr><td>Hiroaki ISHII</td><td>11/13/2008</td></tr></tbody></table>	Name	Execution Date	Kenichi MIYAMOTO	11/10/2008	Hiroaki ISHII	11/13/2008	
Name	Execution Date						
Kenichi MIYAMOTO	11/10/2008						
Hiroaki ISHII	11/13/2008						
RECEIVING PARTY DATA							
Name:	OKI SEMICONDUCTOR CO., LTD.						
Street Address:	550-1 Higashiasakawa-cho						
City:	Hachioji-shiu, TOKYO						
State/Country:	JAPAN						
Postal Code:	193-8550						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12274015</td></tr></tbody></table>	Property Type	Number	Application Number:	12274015			
Property Type	Number						
Application Number:	12274015						
CORRESPONDENCE DATA							
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Address Line 4:	Reston, VIRGINIA 20191						
ATTORNEY DOCKET NUMBER:	740165-445						
NAME OF SUBMITTER:	Donald R. Studebaker						
Total Attachments: 3 source=assignment#page1.tif source=assignment#page2.tif							

OP \$40.00 12274015

500709351

PATENT
REEL: 021860 FRAME: 0881

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Kenichi MIYAMOTO and Hiroaki ISHII
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to AMPLIFYING CIRCUIT

☒ the inventor(s) declaration for said application being executed concurrently with the
execution of this instrument; said application to be filed in the United States Patent and Trademark
Office;

☐ said application having been filed in the United States Patent and Trademark Office on,
_____ authorization being hereby given to the practitioners associated with the

CUSTOMER NUMBER 78198.

, to insert here in parentheses (Application Serial No. _____) the application
serial number of said application when known;

☐ said application having been filed under the Patent Cooperation Treaty
on _____,
Serial No.) _____, the United States of America being designated.

AND WHEREAS OKI SEMICONDUCTOR CO., LTD.
of 550-1 Higashiasakawa-cho Hachioji-shi, Tokyo 193-8550, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest
in and to said application, including any and all divisions and continuations thereof, and in and to
said invention and any and all patents which may be granted therefor, including any and all
renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good
and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby
acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said
assignee's successors and assigns, the full and exclusive right, title and interest in and to said
application, including any and all divisions and continuations thereof, and in and to said invention
and any and all patents which may be granted therefor, including any and all renewals, reissues and
prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold,
exercise and enjoy the said application, including any and all divisions and continuations thereof,
and the said invention and any and all patents which may be granted therefor, including any and all
renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages
in anywise arising from or appertaining thereto, for and during the term or terms of any and all
such patents when granted, including any and all renewals, reissues and prolongations thereof, for
the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and
beneficial a manner as the said assignor might or could have held and enjoyed the same, if this
assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said
assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of
said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to
issue Letters Patent on said application, and on any and all divisions and continuations thereof,
to said assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals 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 and Trademark Office for recordation of this document:

STUDEBAKER & BRACKETT PC

All practitioners at Customer Number 78198.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

EXECUTED, _____.

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: Kenichi MIYAMOTO

STUDEBAKER & BRACKETT PC

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, November 13, 2008.

WITNESS:

ASSIGNOR:

Signature: Ukita Nakayama

Signature: Hiroaki Ishii

Name: Hiroaki ISHII

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Kenichi MIYAMOTO and Hiroaki ISHII
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to AMPLIFYING CIRCUIT

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
[] said application having been filed in the United States Patent and Trademark Office on,
_____ authorization being hereby given to the practitioners associated with the
CUSTOMER NUMBER 78198,
, to insert here in parentheses (Application Serial No. _____) the application serial
number of said application when known;
[] said application having been filed under the Patent Cooperation Treaty on _____,
Serial No.) _____, the United States of America being designated.

AND WHEREAS OKI SEMICONDUCTOR CO., LTD.

of 550-1 Higashiasakawa-cho Hachioji-shi, Tokyo 193-8550, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals 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 and Trademark Office for recordation of this document:

STUDEBAKER & BRACKETT PC

All practitioners at Customer Number 78198.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

EXECUTED, November 10, 2008

WITNESS:

ASSIGNOR:

Signature: Mayumi Miyamoto

Signature: Kenichi Miyamoto

Name: Kenichi MIYAMOTO

STUDEBAKER & BRACKETT PC

PATENT