

11-08-1999

Attorney Docket No. 19893-2.00US

FORM PTO-1595
(Rev. 6-93)



101194012

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To the Honorable Asst. Commissioner for Patents, please record the attached original documents or copy thereof

1. Name of conveying party(ies):
Jurianto Joe
Additional name(s) of conveying parties attached?
 Yes No

2. Name and address of receiving party(ies)
Name: The National University of Singapore
Internal Address:
Street Address: 10 Kent Ridge Crescent
City/Country: Singapore 119260
Additional names and addresses attached?
 Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date: 10/21/99
09/429527

JC 504 U.S. PTO
09/429527
10/28/99

4. Application Number(s) or Patent Numbers.
If this document is being filed together with a new application, the execution date of the application is: 10/21/99
A. Patent Application No(s):
Additional numbers attached? Yes No

B. Patent No(s):
Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Kenneth R. Allen
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(650) 326-2400

6. Total number of applications and patents involved 1
7. Total fee (37 CFR 3.41): \$40.00
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.
Kenneth R. Allen Kenneth R. Allen 10/28/99
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Atty Reg. No. 27,301 Total number of pages including cover sheet, attachments and document 3

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

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11/05/1999 MTHA11 00000099 201430 09429527

Asst. Commissioner for Patents
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PA 3030644 v1

PATENT
REEL: 010356 FRAME: 0623

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Jurianto Joe, of c/o Centre For Wireless Communications, 20 Science Park Road, #02-34/37, TeleTech Park, Singapore Science Park II, 117674, Singapore hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **METHOD AND APPARATUS FOR GENERATING
PULSES FROM ANALOG WAVEFORMS**

Date of execution of Declaration: *10/21/99*

Filing Date: Herewith

Application No. ; and

WHEREAS, The National University of Singapore, a corporation of Singapore, located at 10 Kent Ridge Crescent, Singapore, 119260, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

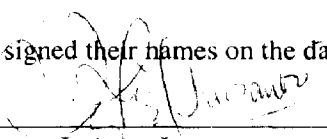
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors. Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Oct 21 1999



Jurianto Joe

Dated: Oct 21 1999

Witnessed By: Tonia Meng

Dated: Oct 21 1999

Witnessed By: Gregory Lee