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Sheet

U.S. Department of Commerce
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02-11-2003
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):
National University of Singapore **2-7-03**

Additional name(s) of conveying party(ies) attached? Yes No.

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date: January 23, 2003

2. Name and address of receiving party(ies)
Name: Cellonics Incorporated Pte, Ltd.

Internal Address: _____

Street Address: 78 Shenton Way, #08-01

City: _____ Country: Singapore ZIP: 079120

Additional name(s) and address(es) attached? Yes No

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s): 10/213,036

B. Patent No(s): _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: George B. F. Yee
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved: _____

7. Total fee (37 CFR 3.41): _____ \$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

George B. F. Yee
Name of Person Signing
Atty. Reg. No. 37,478

George B. F. Yee
Signature

1/28 2003
Date

Total number of pages including cover sheet, attachments and document 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

02/11/2003 6TOM11 00000036 201430 10213036

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DATED THE 23rd DAY OF Jan. 2003

Between

NATIONAL UNIVERSITY OF SINGAPORE

And

CELLONICS INCORPORATED PTE LTD

AGREEMENT
for
Assignment of Patents

PATENT
REEL: 013731 FRAME: 0717

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AGREEMENT

THIS AGREEMENT is made the *23rd* day of *Jan.* 2003.

Between

(1) **NATIONAL UNIVERSITY OF SINGAPORE**, a statutory body incorporated under the National University of Singapore Act (Cap. 204) and having its registered office at 10 Kent Ridge Crescent, Singapore 119260 (the "Assignor");

And

(2) **CELLONICS INCORPORATED PTE LTD**, a company incorporated in Singapore and having its registered office at 78 Shenton Way #08-01, Singapore 079120 (the "Assignee").

(collectively the "Parties" and each a "Party")

WHEREAS:

- (A) The Assignor is the legal owner of the patent applications as listed in Schedule 1 (the "Applications") and all other intellectual property rights residing in the invention disclosed therein;
- (B) The Assignor agrees to assign all its rights, title and interest in and to the Applications and all other intellectual property rights in respect of the inventions described therein to the Assignee.
- (C) The Assignee agrees to accept such assignment subject to the terms and conditions herein contained.

NOW IT IS HEREBY AGREED as follows:-

- 1. The Assignor, hereby **ASSIGNS** absolutely to the Assignee for the sum of S\$1.00 (receipt of which is hereby acknowledge), for itself and its successors, transferees and assignees;
 - 1.1 all its rights, title and interest in and to the Applications and all other intellectual property rights in respect of the invention described in the Applications (the "Invention");
 - 1.2 the right to sue for damages and all any other remedies in respect thereof including, without limiting to, all rights relating to any acts or infringements whether past or future, to instigate and take proceedings, within the scope of the claims of any published specification of the Applications and the Invention; and
 - 1.3 the right to apply for, prosecute and obtain patent or similar protection throughout the world in respect of the Invention claimed in the Applications including the right to claim priority therefrom to the intent that the grant of any patents or similar protection shall be in the name of and vest in the Assignee.
- 2. It is agreed that the Assignor shall not be liable to the Assignee, its licensees or any other person whatsoever by reason of or arising from the assignment referred to in Clause 1. The Assignee further agrees to indemnify and hold harmless the Assignor against: -
 - 2.1 all claims losses demands actions suits proceedings cost or expenses (collectively referred to as "Liability") whatsoever which the Assignor may suffer or incur in connection with loss of life, personal injury and/or damage to property arising directly from or out of this agreement; and
 - 2.2 all Liability arising out of or in connection with any rightful claim that the intellectual property rights of third party has been infringed in connection with this agreement.

3. The Assignor hereby covenants to the Assignee that it will at all times hereafter do all such acts and execute all such documents as may be reasonably necessary or desirable and at cost to the Assignee to consummate the transactions as contemplated herein.
4. If any provision of this agreement shall be held to be invalid, illegal or unenforceable, in whole or in part, under any applicable law, the validity, legality and enforceability of the remaining provisions under such jurisdiction shall not be affected or impaired thereby, nor shall the validity, legality and enforceability of this agreement be in any way affected by or impaired under the laws of any other jurisdiction.
5. This agreement shall be governed by and construed in accordance with the laws of Singapore. In relation to any legal action or proceeding arising out of or in connection with this agreement, the Parties hereby irrevocably and unconditionally submit to the exclusive jurisdiction of the courts of Singapore.

SCHEDULE 1

Patent Applications

S/N	Country	Application Number	Date of Application	Short Title	Inventor
1.	U.S.A.	09/847777	1-May-01	Method and Apparatus for Signal Detection in Ultra Wide-band Communications	Kay Soon, LOW Jurianto, JOE
	U.S.A.	10/213036	5-Aug-02		
	PCT	IB02/02596	1-May-02		
	Taiwan	90114577	15-Jun-01		
2.	U.S.A.	60/338781 (provisional)	5-Nov-01	Method and Apparatus for Generating Pulse Width Modulated Waveforms	Jurianto, JOE Chwee Mei, WONG
	U.S.A.	10/095557	11-Mar-02		
	Taiwan	91104591	12-Mar-02		
	PCT	PCT/GB2002/04961	5-Nov-02		
3.	U.S.A.	60/340130 (provisional)	13-Dec-01	Method and Apparatus to Generate On-Off Keying Signals Suitable for Communications	Jurianto, JOE Chwee Mei, WONG
	U.S.A.	10/095972	11-Mar-02		
	Taiwan	91104592	12-Mar-02		
4.	Taiwan	91118011	9-Aug-02	Correlator Phase Shift Keying Ultra Wideband Communications	Jurianto, JOE

The parties hereto have caused this agreement to be executed on the day and year first abovescribed.

Signed by
For and on behalf of
NATIONAL UNIVERSITY OF SINGAPORE

S. Laminushe
Director INTR

Signed by
For and on behalf of
CELLONICS INCORPORATED PTE LTD

Lye Hoeng Fai
LYE HOENG FAI
CHIEF EXECUTIVE OFFICER