

3. DEPARTMENT OF COMMERC

(Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005) Patent and Trademark Office 102391952 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Stanley Khouw; Colin Whittaker; Lop Ng Name: Occam Networks 2.28.03 Internal Address: Additional name(s) of conveying party(ies) attached? ⊠ No □ Yes Street Address: 77 Robin Hill Road 3. Nature of Conveyance: ☐ Merger City: Santa Barbara State: CA Zip: 93115 ☐ Security Agreement ☐ Change of Name ☐ Other Country: USA Execution Date: 2/25/03: 2/27/03: 2/2503 Additional name(s)& address(es) attached? No □ Yes 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: 2/25/03: 2/27/03: A. Patent Application No.(s) B. Patent No.(s) 2/25/03 Additional numbers attached? No Yes Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP 7. Total Fee (37 CFR 3.41).....\$ 40.00 Internal Address:_ Authorized to be charged to deposit account Street Address: 12400 Wilshire Boulevard 7th Floor 8. Deposit Account Number: 02-2666 ZIP: State: CA 90025 City: Los Angeles (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and bellef, the foregoing is true and correct and any attached copy is a true copy of the original document. 03/14/2003 GTOW11 00000072 10377065 01 FC:8021 40.00 DI Raul D. Martinez February 28, 2003 Name of Person Signing Date Total number of pages including cover sheet, attachments, and document:

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

Docket No. 5166P021

FORM **PTO-1595**

Attorney's Docket No.: 5166P021

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Stanley Khouw; Colin Whittaker; Lop Ng

hereby sell, assign, and transfer to:

Occam Networks

a Corporation of California, having a principal place of business at 77 Robin Hill Road, Santa Barbara, California 93115 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

On-Hook Signal Detector

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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PATENT REEL: 013834 FRAME: 0202 covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:
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$\frac{2/25/03}{\text{Date}}$	Franken Venns
Date	Name: Stanley Khouy
2127/03	Colillatts
Date	Name: Colin Whittaker
2/25/03	Name: Lop Na
Date	Name: Lop Ng
Date	Name:
Datc	Name:
Date	Name:
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RECORDED: 02/28/2003

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