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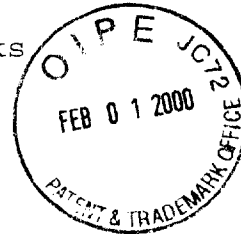
101280506

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REQUEST FOR ASSIGNMENT RECORDAL

Box Assignments
Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231



Dear Sir:

Please record the attached assignment document.

1. Names of conveying parties: HELEN LAI WA CHAN, SIU-WING OR, KEI CHUN CHENG and CHUNG LOONG CHOY

2. Name and address of receiving party: The Hong Kong Polytechnic University
Hung Hom, Kowloon,
Hong Kong

3. Nature of conveyance: Assignment
Execution Date: July 10, 1999

4. Application No.: 09/296,801
The execution date of the patent application is July 10, 1999.

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

LEYDIG, VOIT & MAYER
Suite 300

700 Thirteenth Street, N.W.
Washington, D.C. 20005

03/02/2000 JSH/DAZZ 00000103 09296801

01 FC:581

40.00 DP

400189/M&CHK

6. Total number of patent applications involved: 1

7. Total fee: \$40.00

Enclosed

The Commissioner is authorized to charge any deficiencies in the fee payment accompanying this communication and to credit any excess payment of fees to Deposit Account No. 12-1216.

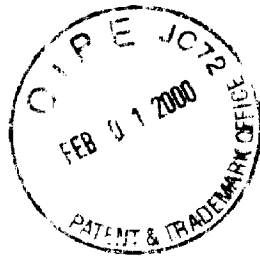
8. Statement and signature

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.

February 1, 2000
Date

Jeffrey A. Wyand
Jeffrey A. Wyand
Registration No. 29,458

Total number of pages comprising cover sheet, attachments and document: 4



400189/M&CHK

PATENT
REEL: 010576 FRAME: 0194

07-22-1999



101098509

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



REQUEST FOR ASSIGNMENT RECORDAL



MRD 7-19-99

Box Assignments
Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Please record the attached assignment document.

1. Names of conveying parties: HELEN LAI WA CHAN, SIU-WING OR, KWI CHUN CHENG and CHUNG LOONG CHOY

2. Name and address of receiving party: The Hong Kong Polytechnic University
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Hong Kong

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LEYDIG, VOIT & MAYER
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Washington, D.C. 20005

400189/M&CHK

07/20/1999 MHAPPY 00000048 09296801 40.00 OP
03 FC:581

6. Total number of patent applications involved: 1

7. Total fee: \$40.00

Enclosed

The Commissioner is authorized to charge any deficiencies in the fee payment accompanying this communication and to credit any excess payment of fees to Deposit Account No. 12-1216.

8. 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.

July 19, 1999
Date

Jeffrey A. Wyand
Jeffrey A. Wyand
Registration No. 29,458



Total number of pages comprising cover sheet, attachments and document: 4

400189/M&CHK

PATENT
REEL: 010576 FRAME: 0196

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is acknowledged, the undersigned,

HELEN LAI WA CHAN, SIU WING OR, KEI CHUN CHENG and CHUNG LOONG CHOY

all of Kowloon, Hong Kong

sells, assigns, and transfers to

The Hong Kong Polytechnic University

of Hung Hom, Kowloon, Hong Kong

(the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled:

ULTRASONIC TRANSDUCER

which was executed by the undersigned on _____, 1999 or was filed on April 23, 1999 and accorded Serial No. 09/296,801 (the Application);

(ii) any and all inventions and improvements that are described in the Application;

(iii) any and all United States Letters Patents that may be granted on the Application (the Patent);

(iv) any and all divisions, continuations, reexaminations, reissues, or extensions of the Application or the Patent; and

(v) all benefits under the International Convention for the Protection of Industrial Property.

I authorize the Assignee and its agents to insert in this instrument the filing date and serial number of the Application.

I authorize and request the Commissioner of Patents to issue any and all Letters Patent, when granted, to the Assignee.

Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

INVENTOR

Date

Witness

Helen Chan
HELEN LAI WA CHAN

10 July 1999

Enoch Wang
Enoch Wang

SIU WING OR

July 10, 1999

Enoch Wang
Enoch Wang

KEI CHUN CHENG

10 July 1999

Enoch Wang
Enoch Wang

CHUNG LONG CHOY

10 July 1999

Enoch Wang
Enoch Wang