



FORM PTO-159  
(Rev. 6-93)



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102706603

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RECOI

Attorney Docket No.: 042715-5012

To the Commissioner for Patents:  
Please record the attached original documents or copy thereof.

ATTN: MAIL STOP ASSIGNMENT

1. Name of conveying party(ies):

- 1. Masaki MATSUI
- 2. Muneki ITO
- 3. Akio HORIBE
- 4. Shigeo SATO

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

2. Name and address of receiving party(ies):

Name: Uniden Corporation

Internal Address:

Street Address: 2-12-7 Hatchobori, Chuo-ku  
Tokyo 104-8512, Japan

City:

State: Zip:

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: June 13, 2004

4. Application number(s) or patent number(s): 10/729,372

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s)

Additional numbers attached: Yes  No

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

Name: Robert J. Gaybrick

Internal Address: Morgan, Lewis & Bockius LLP

Street Address: 1111 Pennsylvania Avenue, NW  
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R §3.41): \$40.00

Enclosed

Authorized to be charged to deposit account 50-0310

8. Deposit account number: 50-0310

Attach duplicate of page if paying by deposit account

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.

Mary Jane Boswell-Reg. No. 33.652  
Name of Person Signing

*Mary Jane Boswell*  
Signature

March 23, 2004  
Date

Total number of pages including cover sheet, attachments and documents: 3

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ATTORNEY DOCKET NO.: 042715-5012  
SOLE/JOINT INVENTION  
(U.S. Rights Only)

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**DIVERSITY RECEIVER**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on December 8, 2003, (Serial No. \_\_\_\_\_); and

WHEREAS, **Uniden Corporation**, a corporation of **Japan**, whose post office address is **2-12-7 Hatchobori, Chuo-ku Tokyo 104-8512, Japan**, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. \_\_\_\_\_, filed **December 8, 2003**) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor <b>Masaki MATSUI</b>	Assignor's Signature <i>M. Matsui</i>	Date <b>JAN. 13. 2004</b>
Address c/o Uniden Corporation 2-12-7 Hatchobori, Chuo-ku Tokyo 104-8512, Japan		Citizenship <b>Japan</b>
Full Name of Second Assignor <b>Muneki ITO</b>	Assignor's Signature <i>M. Ito</i>	Date <b>JAN. 13. 2004</b>
Address c/o Uniden Corporation 2-12-7 Hatchobori Chuo-ku Tokyo 104-8512, Japan		Citizenship <b>Japan</b>
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Full Name of Third Assignor <b>Akio HORIBE</b>	Assignor's Signature <i>A. Horibe</i>	Date <b>JAN. 13. 2004</b>
Address c/o Uniden Corporation 2-12-7 Hatchobori, Chuo-ku Tokyo 104-8512, Japan		Citizenship <b>Japan</b>
Full Name of Fourth Assignor <b>Shigeo SATO</b>	Assignor's Signature <i>S. Sato</i>	Date <b>JAN. 13. 2004</b>
Address c/o Uniden Corporation 2-12-7 Hatchobori, Chuo-ku Tokyo 104-8512, Japan		Citizenship <b>Japan</b>
Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		