



04-10-2003



102415169

Docket No.: KUD-C288

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings → → →

To the Honorable Commissioner of Patents

See the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Ryuzo NODA, Taiga MATSUSHITA and Yuichi IWAKATA**

4-2-03

Additional names(s) of conveying party(ies)  Yes  No

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

Name: **LINTEC CORPORATION** of 23-23 Honcho,

Internal Address: **Itabashi-ku, Tokyo, Japan and**

**C.D.N. CORPORATION** of 1-18-22, Ohtsubo-Higahshi,

**Miyazaki-shi, Miyazaki-ken, Japan**

Street Address: \_\_\_\_\_

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: **10/15/02 & 11/22/02**

4. Application number(s) or patent numbers(s):

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

A. Patent Application No.(s)

**10/293,928**

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 A. Loud**

Internal Address: **LORUSSO, LOUD & KELLY**

04/09/2003 TDIAZ1 00000192 122174 10293928

01 FC:8021 40.00 CH

Street Address: **3137 Mount Vernon Avenue**

City: **Alexandria** State: **VA** ZIP: **22305**

6. Total number of applications and patents involved: **1**

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

**12-2174**

(Attach duplicate copy of this 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.

**George A. Loud**

Name of Person Signing

Signature

**02 April 2003**

Date

Total number of pages including cover sheet, attachments, and document: **7**

## ASSIGNMENT

WHEREAS, I, Ryuzo Noda of, 1-18-22, Ohtsubo-Higashi, Miyazaki-shi, Miyazaki-ken, Japan, has invented certain improvements in LOOP ANTENNA, LOOP ANTENNA SYSTEM AND WIRELESS COMMUNICATION SYSTEM set forth in an application for Patent of the United States; and

WHEREAS, LINTEC CORPORATION and C.D.N CORPORATION, of, respectively, 23-23 Honcho, Itabashi-ku, Tokyo, Japan, 1-18-22, Ohtsubo-Higashi, Miyazaki-shi, Miyazaki-ken, Japan are desirous of acquiring an interest therein;

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Ryuzo Noda, by these presents do sell, assign and transfer unto said LINTEC CORPORATION and C.D.N CORPORATION, their successors, legal representatives, heirs and assigns, right, title and interest in said application executed on the \_\_\_ day of \_\_\_\_\_, 2002, (and I hereby authorize my attorneys, authorized to prosecute said application, to here insert the filing date and serial number of said application, when known: Serial No. 10 / 293,928, filed 11/14/2002 ) to all Patents in the United States which may be granted on said application, to all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Patent, all applications for Patent and all Patent therefor, to be held and enjoyed by LINTEC

CORPORATION and C.D.N CORPORATION, for their use and behoof and for their legal representatives, successors, heirs, and assigns, to the full end of the term for which said Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by us had this assignment and sale not been made; and for the same consideration, I hereby covenant and agree that, at the time of execution and delivery of this instrument, I hold good and full right and lawful authority to sell and convey the application for Patent above mentioned in the manner herein set forth; and for the same consideration we hereby covenant and agree that I will, whenever counsel of LINTEC CORPORATION and C.D.N CORPORATION or the counsel of their successors, legal representatives, heirs or assigns, shall advise that any proceeding in connection with said application for Patent, or any proceeding in connection with Patent in the United States, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Patent, or any reissue or extension of any Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of said Patent, without charge to us, our successors, legal representatives, heirs and assigns, but at the cost and expense of LINTEC CORPORATION and C.D.N CORPORATION their successors, legal representatives, heirs and assigns; and I hereby request the Commissioner of Patents to issue said Patent to myself and to,

LINTEC CORPORATION and C.D.N CORPORATION, as an assignee  
thereof.

Ryuzo Noda                      11/22/2002  
Ryuzo NODA                                      date

## ASSIGNMENT

WHEREAS, we, Taiga MATSUSHITA and Yuichi IWAKATA, of, respectively, 8-21-1, Chuou, Oota-ku, Tokyo, Japan, Kosumo-Heights-Kitatoda 103, 6-15-16, Nishiki-cho, Warabi-shi, Saitama-ken, Japan, have invented certain improvements in LOOP ANTENNA, LOOP ANTENNA SYSTEM AND WIRELESS COMMUNICATION SYSTEM set forth in an application for Patent of the United States; and

WHEREAS, LINTEC CORPORATION and C.D.N CORPORATION, of, respectively, 23-23 Honcho, Itabashi-ku, Tokyo, Japan, 1-18-22, Ohtsubo-Higashi, Miyazaki-shi, Miyazaki-ken, Japan are desirous of acquiring an interest therein;

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Taiga MATSUSHITA and Yuichi IWAKATA, by these presents do sell, assign and transfer unto said LINTEC CORPORATION and C.D.N CORPORATION, their successors, legal representatives, heirs and assigns, right, title and interest in said application executed on the \_\_\_\_ day of \_\_\_\_\_, 2002, (and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and serial number of said application, when known: Serial No. 10 / 293,928, filed 11/14/2002 ) to all Patents in the United States which may be granted on said application, to all divisions, continuations and

continuations-in-part of said application, or reissues or extensions of said Patent, all applications for Patent and all Patent therefor, to be held and enjoyed by LINTEC CORPORATION and C.D.N CORPORATION, for their use and behoof and for their legal representatives, successors, heirs, and assigns, to the full end of the term for which said Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by us had this assignment and sale not been made; and for the same consideration, we hereby covenant and agree that, at the time of execution and delivery of this instrument, we hold good and full right and lawful authority to sell and convey the application for Patent above mentioned in the manner herein set forth; and for the same consideration we hereby covenant and agree that we will, whenever counsel of LINTEC CORPORATION and C.D.N CORPORATION or the counsel of their successors, legal representatives, heirs or assigns, shall advise that any proceeding in connection with said application for Patent, or any proceeding in connection with Patent in the United States, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Patent, or any reissue or extension of any Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of said Patent, without charge to us, our successors, legal representatives, heirs and assigns, but at the cost and expense of LINTEC CORPORATION and C.D.N CORPORATION their successors,

legal representatives, heirs and assigns; and we hereby request the Commissioner of Patents to issue said Patent to ourselves and to, LINTEC CORPORATION and C.D.N CORPORATION, as an assignee thereof.

Taiga Matsushita      15 Oct. 2002  
Taiga MATSUSHITA      date

Yuichi Iwakata      15 Oct. 2002  
Yuichi IWAKATA      date