

A/D 581-40

10/468889

DT15 Rec'd PCT/PTO 26 AUG 2003
Atty. Docket No.: 1254-0236P

Page 1 of 1

01-22-2004



102652260

COVER SHEET

1 Trademark Office:
ments or copy thereof.

1. Name of conveying party(ies),
[FAMILY NAME (ALL CAPS), Given Name]
TAKEBE, Hiroyuki 8-26-03
Additional name(s) of conveying party(ies) attached?
 YES NO

2. Name and address of receiving party(ies)
Name: **SHARP KABUSHIKI KAISHA**
Internal Address:
Street Address: **22-22, Nagaike-cho, Abeno-ku**
City: **Osaka-shi** State: **Osaka** ZIP:
Country: **JAPAN** Postal Code: **545-8522**
Additional name(s) & address(es) attached? YES NO

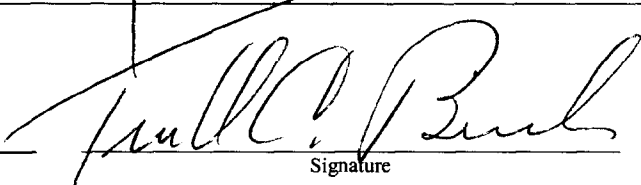
3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date: **July 7, 2003**

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: **July 7, 2003**
A. Patent Application No(s). **NEW**
B. Patent No.(s).
Additional numbers attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**
Street Address: **P.O. BOX 747**
City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**
Country: **USA**

6. Total No. of applications/patents involved: **One (1)**
7. Total fee (37 C.F.R. § 3.41): **\$40.00**
 Enclosed
 Authorized to be charged to deposit account, **if no fee attached.**
8. Deposit account number: **02-2448**
(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
Terrell C. Birch, #19,382  August 26, 2003
Name of Person Signing/Reg. No. Signature Date

Total number of pages including cover sheet, attachments, and document: **Three (3)**

TCB/jaf
(Rev. 04/30/03)

Assignment of Application

WHEREAS, I (WE) Hiroyuki TAKEBE of 3-20, Sarue 2-chome, Koto-ku, Tokyo
135-0003 Japan

_____, respectively,
have invented certain new and useful improvements in: Portable wireless
communication apparatus antenna

for which an application for Letters Patent was executed on July 7, 2003
(Application No. NEW, filed August 26, 2003), and

WHEREAS, SHARP KABUSHIKI KAISHA
(hereinafter referred to as "ASSIGNEE") having a place of business at:
22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any official of any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its legal representatives and assigns covenant and any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of BIRCH, STEWART, KOLASCH & BIRCH, LLP of 8110 Gatehouse Road, Suite 500 East, Falls Church, Virginia 22042-1218 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: July 7, 2003

Hiroiyuki Takebe

(Signature of inventor)

Hiroiyuki TAKEBE

Date: _____

(Signature of inventor)

Date: _____

(Signature of inventor)

Date: _____

(Signature of inventor)