

05-18-2007



COVER SHEET

MAY 15 2007

U.S. Department of Commerce
Patent and Trademark Office
Atty. Docket No. 04208.0240-00000
Atty. Customer Number: 22,852

To the Director of the U.S.

103407648

Send the attached original documents or copy thereof.

5.15.07

1. **Name of conveying party(ies):**
Koichi HIKIDA
Toru KIRAMURA
Masaya YAMASHITA
Additional name(s) of conveying party(ies) attached? Yes No

2. **Name and address of receiving party(ies):**
Name: ASAHI KASEI EMD CORPORATION

Internal Address:

3. **Nature of conveyance/Execution Date(s):**
Execution Date(s) August 30, 2006
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

Street Address: 23-7, Nishi-shinjuku 1-chome
Shinjuku-ku, Tokyo 160-0023, Japan

City:

State: Zip Code:

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

4. **Application number(s) or patent number(s):**
A. Patent Application Number(s):
10/583,870
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent Number(s):
 Yes No

5. **Name and address of to whom correspondence concerning document should be mailed:**
Name: Mr. Ernest F. Chapman
05/17/2007 DBYRNE 00000017 10583870
01 FC:8021 (40.00 OP)

6. **Total number of applications and registrations involved:** One (1)

7. **Total fee (37 CFR 3.41): \$40**
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed (Please charge deficiency to deposit account)
 None required (government interest not affecting title)

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, NW

City: Washington, D.C.

State: Zip: 20001-4413

8. **Payment Information**
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account No.: 06-0916

Authorized User Name _____

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.

Ernest F. Chapman, Reg. No. 25,961
Typed Name of Signor

May 15, 2007
Date

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

JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

AZIMUTH MEASURING DEVICE

for which we executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on _____ (Application No. _____); and

WHEREAS, ASAHI KASEI EMD CORPORATION a corporation of Japan, whose post office address is 23-7, Nishi-shinjuku 1-chome Shinjuku-ku, Tokyo 160-0023, 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 be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, 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 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, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to 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, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/583,870 , filed June 21, 2006) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Name: Koichi HIKIDA

Address: 2512-5-512, Isshiki, Hayamamachi,
Miura-gun, Kanagawa-ken
240-0111, Japan

Citizenship: Japan

Signature: Koichi HIKIDA

Date: August 30, 2006

Second Assignor

Name: Toru KIRAMURA

Address: 2F, 2-1-25, Higashikaigankita,
Chigasaki-shi, Kanagawa-ken
253-0053, Japan

Citizenship: Japan

Signature: Toru Kiramura

Date: August 30, 2006

Third Assignor

Name: Masaya YAMASHITA

Address: 1-7-10, Naruse, Machida-shi,
Tokyo 194-0044, Japan

Citizenship: Japan

Signature: Masaya Yamashita

Date: August 30, 2006