

05-20-1999



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Joji KASAI
Koichi SADAIE
Kenichiro TOYOFUKU
Kazumasa TAKEMURA
Tetsuro NAKATAKE

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: January 28, 1999

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

Name: ONKYO CORPORATION

Internal Address: _____

Street Address: 2-1, NISSHIN-CHO, NEYAGAWA-SHI

City: OSAKA 572-854, JAPAN State: _____ ZIP: _____

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

4. Application number(s) or registration 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)

09/235,483

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael D. Bednarek

Internal Address: CROWELL & MORING LLP

Street Address: 1001 PENNSYLVANIA AVE., N.W.

City: WASHINGTON State: DC ZIP: 20004

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:

03-3836

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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.

MICHAEL D. BEDNAREK

Name of Person Signing

Signature

APRIL 28, 1999

Date

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

2

ASSIGNMENT

In consideration of the receipt of good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Joji KASAI
(2) Koichi SADAIE
(3) Kenichiro TOYOFUKU

(4) Kazumasa TAKEMURA
(5) Tetsuro NAKATAKE
(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

ONKYO CORPORATION of 2-1, Nisshin-cho, Neyagawa-shi, OSAKA 572-8540, JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

APPARATUS AND METHOD FOR LOCALIZING SOUND IMAGE

(a) for which an application for United States Letters Patent was filed on _____,
and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademarks to issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTOR(S)

DATE SIGNED

(1) Joji Kasai
Name: Joji KASAI

January 28, 1999

(2) Koichi Sadaie
Name: Koichi SADAIE

January 28, 1999

(3) Kenichiro Toyofuku
Name: Kenichiro TOYOFUKU

January 28, 1999

(4) Kazumasa Takemura
Name: Kazumasa TAKEMURA

January 28, 1999

(5) Tetsuro Nakatake
Name: Tetsuro NAKATAKE

January 28, 1999

(6) _____
Name: _____