

06-03-2004

Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌



102757446

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Hiroshi HARADA
Masayuki FUJISE
Ryuhei FUNADA
Manabu SAWADAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: 02/17/04; 02/19/04; 03/01/04

2. Name and address of receiving party(ies)

Name: Communications Research Laboratory

Internal Address: Independent Administrative Institution

2-1, Nukuikitamachi 4-chome, Koganei-shi

Tokyo 184-8795 JAPAN

Street Address: (same as above)

City: _____ State: _____ Zip: _____

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

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: _____

A. Patent Application No.(s) 10/789,672

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mitchell P. Brook

Internal Address: _____

Luce, Forward, Hamilton & Scripps LLP

Street Address: _____

11988 El Camino Real, Suite 200

City: San Diego State: CA Zip: 92130

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: _____

DO NOT USE THIS SPACE

9. Signature.

Mitchell P. Brook

Name of Person Signing

00000041 10789672

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 4

06/02/2004 DBYRNE

01 FC:0021

40.00

All documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231PATENT
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RECORDATION FORM COVER SHEET – CONTINUATION
PATENTS ONLY

Form **PTO-1595**
(Rev. 10/02)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

2. Name and address of receiving party(ies)

Name: DENSO CORPORATION

Internal Address: 1-1 Showa-cho, Kariya-shi

Aichi 448-8661 JAPAN

Street Address: (SAME AS ABOVE)

City: _____ State: _____ Zip: _____

ASSIGNMENT

In return for good and valuable consideration paid to the undersigned inventor(s) (hereafter called the "ASSIGNOR(s)"), by:

(Insert
ASSIGNEE'S
Name(s)
Address(es))

- (1) Communications Research Laboratory, Independent
Administrative Institution, of 2-1, Nukuikitamachi 4-chome,
Koganei-shi, Tokyo 184-8795, JAPAN (50% owner)
- (2) DENSO CORPORATION, of 1-1 Showa-cho, Kariya-shi,
Aichi 448-8661 JAPAN (50% owner)

(hereafter "ASSIGNEE(s)"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR(s) hereby sells, assigns and transfers to ASSIGNEE(s) the entire and exclusive right, title and interest to the invention entitled:

RECEIVING DEVICE, RECEIVING METHOD, AND PROGRAM

(Title of
Invention)

(*If the
assignment is
being filed after
the filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless indicated otherwise below

*filed on 27 February 2004, Serial No. 10/789,672

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with the application and any continuation, divisional, substitute, reissue or reexamination applications thereof or corresponding foreign applications, and also to execute separate assignments in connection with such applications as the ASSIGNEES may deem necessary or expedient and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding, which may be declared concerning this application or any continuation, divisional, substitute, reissue or reexamination thereof, or corresponding foreign applications, and also to cooperate with the ASSIGNEES in every way possible in obtaining evidence and going forward with such interference, litigation, or other legal proceeding.

The ASSIGNOR(s) agrees to perform all affirmative acts that may be necessary to obtain a grant of valid United States or foreign patents to the Assignee.

The ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and the authorities of foreign country to issue any and all Letters Patents resulting from said application or any continuation, divisional, substitute, reissue or reexamination applications thereof, or foreign applications, to the said ASSIGNEE, as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

The ASSIGNOR(s) hereby agrees that this Assignment is binding on the heirs, assigns, representatives and successors of the ASSIGNOR(s) and extends to the successors, assigns and nominees of the ASSIGNEE.

The ASSIGNOR(s) hereby grants MITCHELL P. BROOK, Reg. No. 32,967, PETER K. HAHN, Reg. No. 34,833; PETER R. MARTINEZ, Reg. No. 42,845, all attorneys with the firm of 11988 El Camino Real, Suite 200, San Diego, California 92130, the power to insert on this Assignment any further identification 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.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s)

(Signatures)

Hiroshi Harada
(Signature)

Hiroshi HARADA
(Type Name)

Feb. 19, 2004
(Date)

Masayuki Fujise
(Signature)

Msayuki FUJISE
(Type Name)

Feb. 17, 2004
(Date)

Ryuhei Funada
(Signature)

Ryuuhei FUNADA
(Type Name)

02/19/2004
(Date)

Manabu Sawada
(Signature)

Manabu SAWADA
(Type Name)

03/01/2004
(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/789,672
Filing Date	27 February 2004
First Named Inventor	Hiroshi HARADA et al.
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	30390-13

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts/
Incomplete Application
<input type="checkbox"/> Response to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a
Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication
to Technology Center (TC)
<input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please
Identify below):
Assignment, Form 1595 Assignment
Recordation Cover Sheet, Check No. 153851
for \$40.00 and return-receipt postcard |
|--|--|---|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mitchell P. Brook, Reg. No. 32,967 Luce, Forward, Hamilton & Scripps LLP
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Signature

Date

27 May 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Amy M. Sheridan

Signature

Date

05-27-2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 40**Complete if Known**

Application Number	10/789,672
Filing Date	27 February 2004
First Named Inventor	HARADA et al.
Examiner Name	Not Assigned
Art Unit	Not Assigned
Attorney Docket No.	30390-13

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

50-2988

Luce Forward Hamilton Scripps

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	=0
Multiple Dependent	-3** =	X	=0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40**SUBMITTED BY**

(Complete (if applicable))

Name (Print/Type)

Mitchell P. Brook

Registration No.
(Attorney/Agent)

32,967

Telephone (858) 720-6300

Signature

Date

27 May 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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PATENT**RECORDED: 06/01/2004****REEL: 015387 FRAME: 0579**