



## ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #  
**15/922,926**

RECEIPT DATE / TIME  
**02/27/2025 03:10:32 PM Z ET**

ATTORNEY DOCKET #  
**N0692.70001US05**

### Title of Invention

Digital contents receiving apparatus

### Application Information

APPLICATION TYPE    Utility - Nonprovisional Application  
                                 under 35 USC 111(a)

PATENT #    10880592

CONFIRMATION #    9288

FILED BY    MacAulay Rush

PATENT CENTER #    69367952

FILING DATE    03/16/2018

CUSTOMER #    23628

FIRST NAMED  
INVENTOR    Masahide Tanaka

CORRESPONDENCE  
ADDRESS    -

AUTHORIZED BY    Gerald Hrycyszyn

### Documents

**TOTAL DOCUMENTS: 4**

| DOCUMENT                    | PAGES | DESCRIPTION                                                                | SIZE<br>(KB) |
|-----------------------------|-------|----------------------------------------------------------------------------|--------------|
| N069270001US05-SD-GBH.pdf   | 1     | Statutory disclaimers per Manual of Patent Examining Procedure(MPEP) 1490. | 20 KB        |
| N069270001US05-FEE-GBH.pdf  | 2     | Fee Worksheet (SB06)                                                       | 83 KB        |
| N069270001US05-LSES-GBH.pdf | 1     | Notification of loss of entitlement to small entity status                 | 25 KB        |
| N069270001US05-TRN-GBH.pdf  | 1     | Miscellaneous Incoming Letter                                              | 26 KB        |

### Digest

NL Giken Exhibit 2001  
Amazon v. NL Giken  
IPR2025-00050

**DOCUMENT****MESSAGE DIGEST(SHA-512)**

|                             |                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| N069270001US05-SD-GBH.pdf   | DD02B6E57E9DA10F89806BCAAEEDBCC29EF4542B3BA0580<br>0CE6EEA7B7FFAB27F99FAB3334292F45C9C2DC6A50A8C820<br>D130F8C7E2D1389FFCC9EADAF66FDBA3F |
| N069270001US05-FEE-GBH.pdf  | DA06331764C81887178E6D6802B795A0F930DC821075DCD04<br>12A0EA7983BC8BAAECB6FA62CA72F5D712245339EF20FAD1<br>8F0730452CBF5F34E52082FE37267E9 |
| N069270001US05-LSES-GBH.pdf | 03C65DB6F47F7FE4CE382BCD360F924B998A2FAB46C757AE<br>E07500655C3B75ED3D392E4736793A8788AA2CAFE7CA61EA1<br>EBCA1742FE922080E632112ACCA2C87 |
| N069270001US05-TRN-GBH.pdf  | 1E1F262F79207214B2BDF39569E3D4AC6A02C209E8066F5951<br>D29D486236A62B443EBE39F9B51CC094B1550410A953F0BB9<br>B788E961B134244F96EA6389CA510 |

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES  
PATENT AND TRADEMARK OFFICE

P.O. Box 1450  
Alexandria, VA 22313 - 1450  
www.uspto.gov

## ELECTRONIC PAYMENT RECEIPT

|                                    |                                                           |                                             |
|------------------------------------|-----------------------------------------------------------|---------------------------------------------|
| APPLICATION #<br><b>15/922,926</b> | RECEIPT DATE / TIME<br><b>02/27/2025 03:10:32 PM Z ET</b> | ATTORNEY DOCKET #<br><b>N0692.70001US05</b> |
|------------------------------------|-----------------------------------------------------------|---------------------------------------------|

### Title of Invention

Digital contents receiving apparatus

### Application Information

|                           |                                                             |                         |                  |
|---------------------------|-------------------------------------------------------------|-------------------------|------------------|
| APPLICATION TYPE          | Utility - Nonprovisional Application<br>under 35 USC 111(a) | PATENT #                | 10880592         |
| CONFIRMATION #            | 9288                                                        | FILED BY                | MacAulay Rush    |
| PATENT CENTER #           | 69367952                                                    | AUTHORIZED BY           | Gerald Hrycyszyn |
| CUSTOMER #                | 23628                                                       | FILING DATE             | 03/16/2018       |
| CORRESPONDENCE<br>ADDRESS | -                                                           | FIRST NAMED<br>INVENTOR | Masahide Tanaka  |

### Payment Information

|                                  |                                                                         |                                        |
|----------------------------------|-------------------------------------------------------------------------|----------------------------------------|
| PAYMENT METHOD<br>CARD / 8543    | PAYMENT TRANSACTION ID<br>E20252QF12097910                              | PAYMENT AUTHORIZED BY<br>MacAulay Rush |
| PRE-AUTHORIZED ACCOUNT<br>232825 | PRE-AUTHORIZED CATEGORY<br>37 CFR 1.21 (Miscellaneous fees and charges) |                                        |

| FEE CODE                 | DESCRIPTION                                               | ITEM PRICE(\$) | QUANTITY | ITEM TOTAL(\$)  |
|--------------------------|-----------------------------------------------------------|----------------|----------|-----------------|
| 1814                     | STATUTORY DISCLAIMER,<br>INCLUDING TERMINAL<br>DISCLAIMER | 183.00         | 1        | 183.00          |
| <b>TOTAL<br/>AMOUNT:</b> |                                                           |                |          | <b>\$183.00</b> |

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

|                                                                                                    |                        |                           |
|----------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| <b>TRANSMITTAL<br/>FORM</b><br><br><i>(to be used for all correspondence after initial filing)</i> | Application Number     | Patent#: 10,880,592       |
|                                                                                                    | Filing Date            | Issued: December 29, 2020 |
|                                                                                                    | First Named Inventor   | Masahide Tanaka           |
|                                                                                                    | Art Unit               | 2425                      |
|                                                                                                    | Examiner Name          | A. Gee                    |
| Total Number of Pages in This Submission                                                           | Attorney Docket Number | N0692.70001US05           |

| <b>ENCLOSURES (Check all that apply)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication<br>to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>( <b>Appeal Notice, Brief, Reply Brief</b> )<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>Identify below):<br><br>Disclaimer in Patent under 37 CFR<br>1.321(a)<br>Notice of Loss of Small Entity<br>Status |         |
| <table border="1"><tr><td>Remarks</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Remarks |
| Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |

| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b> |                                |          |        |
|---------------------------------------------------|--------------------------------|----------|--------|
| Firm Name                                         | WOLF, GREENFIELD & SACKS, P.C. |          |        |
| Signature                                         | /Gerald B. Hrycyszyn/          |          |        |
| Printed name                                      | Gerald B. Hrycyszyn            |          |        |
| Date                                              | February 27, 2025              | Reg. No. | 50,474 |

|                                                                                                                                                                                                            |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Certificate of Electronic Filing under 37 C.F.R. § 1.8</b>                                                                                                                                              |                                                               |
| I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office's electronic filing system in accordance with 37 C.F.R. § 1.6(a)(4). |                                                               |
| Dated: February 27, 2025                                                                                                                                                                                   | Electronic Signature for MacAulay S. Rush: /MacAulay S. Rush/ |

|                                                                                     |                                                                                                                                                         |                         |                           |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="margin: 0;">(page 1 of 2)</p> |                                                                                                                                                         | Complete if known       |                           |
|                                                                                     |                                                                                                                                                         | Application Number      | Patent #: 10,880,592      |
|                                                                                     |                                                                                                                                                         | Filing Date             | Issued: December 29, 2020 |
| <input type="checkbox"/>                                                            | Applicant asserts small entity status. See 37 CFR 1.27.                                                                                                 | First Named Inventor    | Masahide Tanaka           |
| <input type="checkbox"/>                                                            | Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously. | Examiner Name           | A. Gee                    |
|                                                                                     |                                                                                                                                                         | Art Unit                | 2425                      |
| TOTAL AMOUNT OF PAYMENT                                                             |                                                                                                                                                         | (\$)                    | 183.00                    |
|                                                                                     |                                                                                                                                                         | Practitioner Docket No. | N0692.70001US05           |

**METHOD OF PAYMENT** (check all that apply)

☐ Check   
 ☒ Credit Card   
 ☐ Money Order   
 ☐ None   
 ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account   
 Deposit Account Number: 23/2825   
 Deposit Account Name: Wolf, Greenfield &   
 For the above-

identified deposit account, the Director is hereby authorized to (check all that apply):

☐ Charge fee(s) indicated below                     
 ☐ Charge fee(s) indicated below, **except for the filing fee**

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17, **except for any excess claims fees or multiple dependent claims fees**                     
 ☐ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17

☒ Credit any overpayment of fee(s)

**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.

**FEE CALCULATION**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES (U = undiscounted fee; S = small entity fee; M = micro entity fee)**

| Application Type | FILING FEES |        |        | SEARCH FEES |        |        | EXAMINATION FEES |        |        | Fees Paid (\$) |
|------------------|-------------|--------|--------|-------------|--------|--------|------------------|--------|--------|----------------|
|                  | U (\$)      | S (\$) | M (\$) | U (\$)      | S (\$) | M (\$) | U (\$)           | S (\$) | M (\$) |                |
| Utility          | 350         | 140*   | 70     | 770         | 308    | 154    | 880              | 352    | 176    |                |
| Design           | 300         | 120    | 60     | 300         | 120    | 60     | 700              | 280    | 140    |                |
| Plant            | 240         | 96     | 48     | 485         | 194    | 97     | 725              | 290    | 145    |                |
| Reissue          | 350         | 140    | 70     | 770         | 308    | 154    | 2,550            | 1,020  | 510    |                |
| Provisional      | 325         | 130    | 65     | 0           | 0      | 0      | 0                | 0      | 0      |                |

\* The \$140 small entity filing fee for a utility application is further reduced to \$70 for a small entity applicant who files the application via Patent Center.

**2. EXCESS CLAIM FEES**

| Fee Description                                    | Undiscounted Fee (\$) | Small Entity Fee (\$) | Micro Entity Fee (\$) |
|----------------------------------------------------|-----------------------|-----------------------|-----------------------|
| Each claim over 20 (including Reissues)            | 200                   | 80                    | 40                    |
| Each independent claim over 3 (including Reissues) | 600                   | 240                   | 120                   |
| Multiple dependent claims                          | 925                   | 370                   | 185                   |

  

| Total Claims                                                           | Extra Claims | Fee (\$) | Fee Paid (\$) |
|------------------------------------------------------------------------|--------------|----------|---------------|
| _____ - or HP = _____                                                  | x _____      | = _____  |               |
| HP = highest number of total claims paid for, if greater than 20.      |              |          |               |
| Indep. Claims                                                          | Extra Claims | Fee (\$) | Fee Paid (\$) |
| _____ - or HP = _____                                                  | x _____      | = _____  |               |
| HP = highest number of independent claims paid for, if greater than 3. |              |          |               |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$450 (\$180 for small entity) (\$90 for micro entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets        | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|---------------------|--------------|--------------------------------------------------|----------|---------------|
| _____ - 100 = _____ | /50 = _____  | (round up to a whole number) x _____             | = _____  |               |

**Certificate of Electronic Filing under 37 C.F.R. § 1.8**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office's electronic filing system in accordance with 37 C.F.R. § 1.6(a)(4).

Dated: February 27, 2025

Electronic Signature for MacAulay S. Rush: /MacAulay S. Rush/

# FEE TRANSMITTAL

(page 2 of 2)

## 4. CONTINUING APPLICATION FEE

If the actual filing date of the application is more than six years after the earliest benefit date, a continuing application fee is due. The earliest benefit date is the earliest filing date for which benefit is claimed under 35 U.S.C. 120, 121, 365(c), or 386(c) and § 1.78(d).

Choose only one of the following:

If the actual filing date is more than six years, and is less than or equal to nine years, after the earliest benefit date, the continuing application fee is \$2,700 (\$1,080 for small entity or \$540 for micro entity). See 37 CFR 1.17(w)(1).

or

If the actual filing date is more than nine years after the earliest benefit date, the continuing application fee is \$4,000 (\$1,600 for small entity or \$800 for micro entity), less any amount previously paid under 37 CFR 1.17(w)(1). See 37 CFR 1.17(w)(2).

**Fees Paid (\$)**

## 5. OTHER FEE(S)

Non-English specification, \$150 fee (\$60 for small entity) (\$30 for micro entity)

**Non-electronic filing fee under 37 CFR 1.16(t) for a utility application, \$400 fee (\$200 small or micro entity)**

Other (e.g., late filing surcharge): 1814 Statutory disclaimer, including terminal ...

**Fees Paid (\$)**

183.00

## SUBMITTED BY

|                   |                       |                                      |                   |           |              |
|-------------------|-----------------------|--------------------------------------|-------------------|-----------|--------------|
| Signature         | /Gerald B. Hrycyszyn/ | Registration No.<br>(Attorney/Agent) | 50,474            | Telephone | 617.646.8000 |
| Name (Print/Type) | Gerald B. Hrycyszyn   | Date                                 | February 27, 2025 |           |              |

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.~~

|                  |                       |                                             |
|------------------|-----------------------|---------------------------------------------|
| Name of Patentee | NL Giken Incorporated | Docket Number (Optional)<br>N0692.70001US05 |
| Patent Number    | 10,880,592            | Date Patent Issued<br>December 29, 2020     |

Electronic Signature for MacAulay S. Rush: /MacAulay S. Rush/

Docket No.: N0692.70001US05  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: Masahide Tanaka  
Application No.: 15/922,926  
Confirmation No.: 9288  
Filed: March 16, 2018  
Patent No.: 10,880,592  
Issued: December 29, 2020  
For: DIGITAL CONTENTS RECEIVING APPARATUS  
Examiner: A. Gee  
Art Unit: 2425

**Certificate of Electronic Filing under 37 C.F.R. § 1.8**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office's electronic filing system in accordance with 37 C.F.R. § 1.6(a)(4).

Dated: February 27, 2025

Electronic Signature for MacAulay S. Rush: /MacAulay S. Rush/

**NOTIFICATION OF LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

Assignee, NL Giken Incorporated, hereby notifies the Patent and Trademark Office that it is not entitled to status as a small entity, and that the claim for small entity status filed by the Applicant is hereby withdrawn.

Patent Owner believes no fee is due with this Notification of Loss of Small Entity Status. However, if a fee is due with this Notification, please charge our Deposit Account No. 23/2825, under Docket No. N0692.70001US05 from which the undersigned is authorized to draw.

Dated: February 27, 2025

Respectfully submitted,

By /Gerald B. Hrycyszyn/  
Gerald B. Hrycyszyn  
Registration No.: 50,474  
WOLF, GREENFIELD & SACKS, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
617.646.8000