

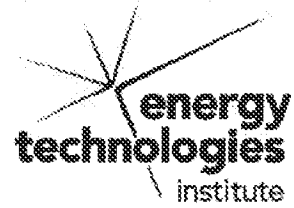
PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5590241

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|---|--|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | ISENTROPIC LTD. | 04/29/2016 |
| RECEIVING PARTY DATA | | |
| Name: | ENERGY TECHNOLOGIES INSTITUTE LLP | |
| Street Address: | HOLYWELL BUILDING, HOLYWELL WAY | |
| Internal Address: | LOUGHBOROUGH | |
| City: | LEICESTERSHIRE | |
| State/Country: | UNITED KINGDOM | |
| Postal Code: | LE11 3UZ | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 15115869 |
| CORRESPONDENCE DATA | | |
| Fax Number: | (202)748-5915 | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | | |
| Phone: | 2027485902 | |
| Email: | ip@kviplaw.com, jtuncay@kviplaw.com, yhassan@kviplaw.com | |
| Correspondent Name: | KENEALY VAIDYA LLP | |
| Address Line 1: | 3000 K ST NW, SUITE 200 | |
| Address Line 4: | WASHINGTON, D.C., D.C. 20007 | |
| ATTORNEY DOCKET NUMBER: | 5097-0005 | |
| NAME OF SUBMITTER: | ERIC D. MOREHOUSE | |
| SIGNATURE: | /Eric D. Morehouse/ | |
| DATE SIGNED: | 06/25/2019 | |
| Total Attachments: 31 | | |
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DATED
29 APRIL 2016

DEED OF ASSIGNMENT

BETWEEN

ISENTROPIC LIMITED (IN ADMINISTRATION) ACTING BY ITS JOINT ADMINISTRATORS
MARK ROBERT FRY AND KIRSTIE JANE PROVAN (1)

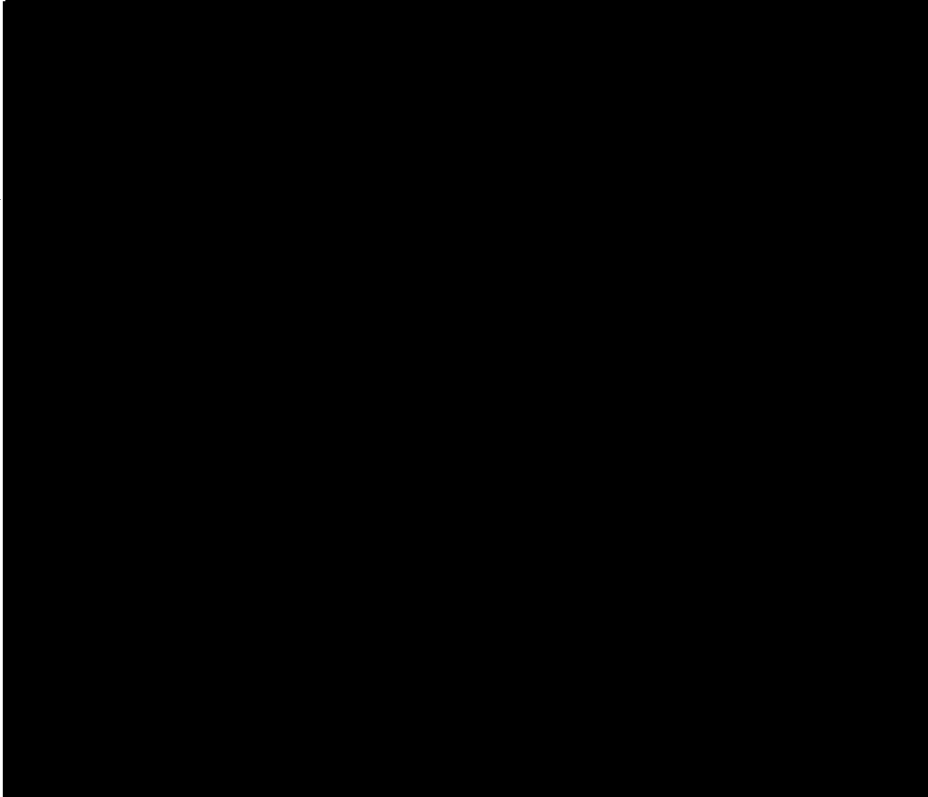
AND

MARK ROBERT FRY AND KIRSTIE JANE PROVAN (AS JOINT ADMINISTRATORS) (2)

AND

ENERGY TECHNOLOGIES INSTITUTE LLP (3)

EXECUTION VERSION



THIS DEED is dated

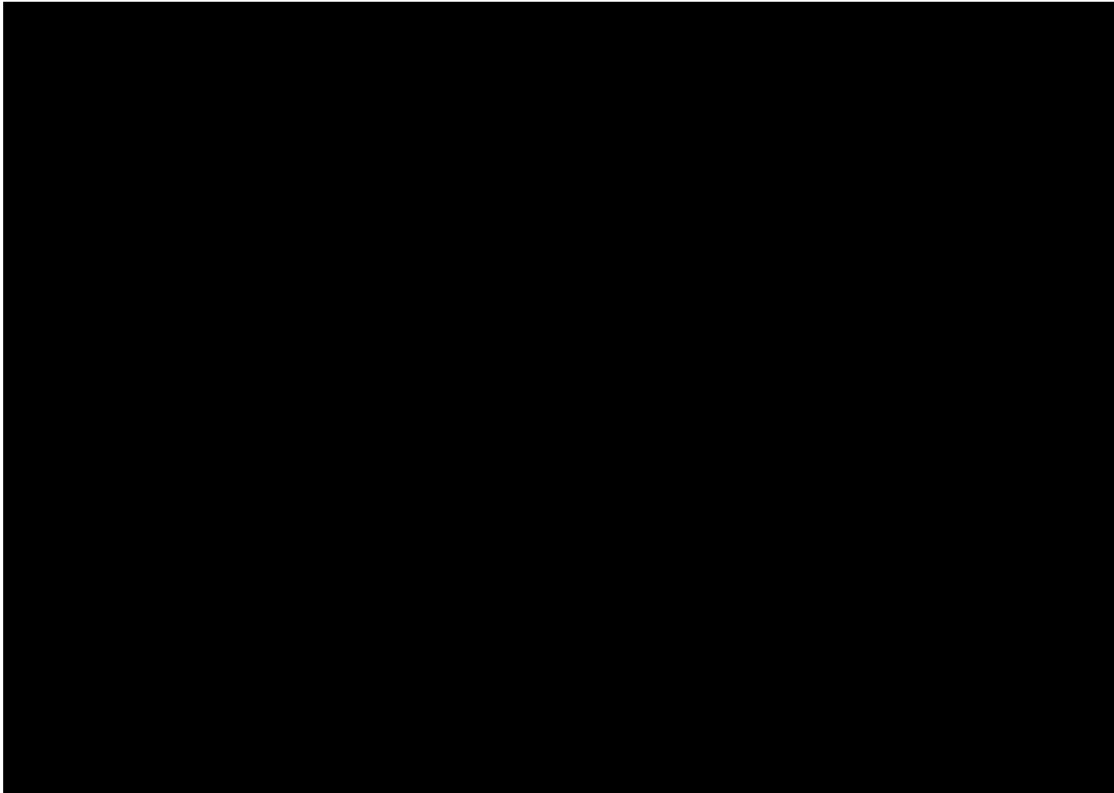
29th April

2016 (this 'Deed')

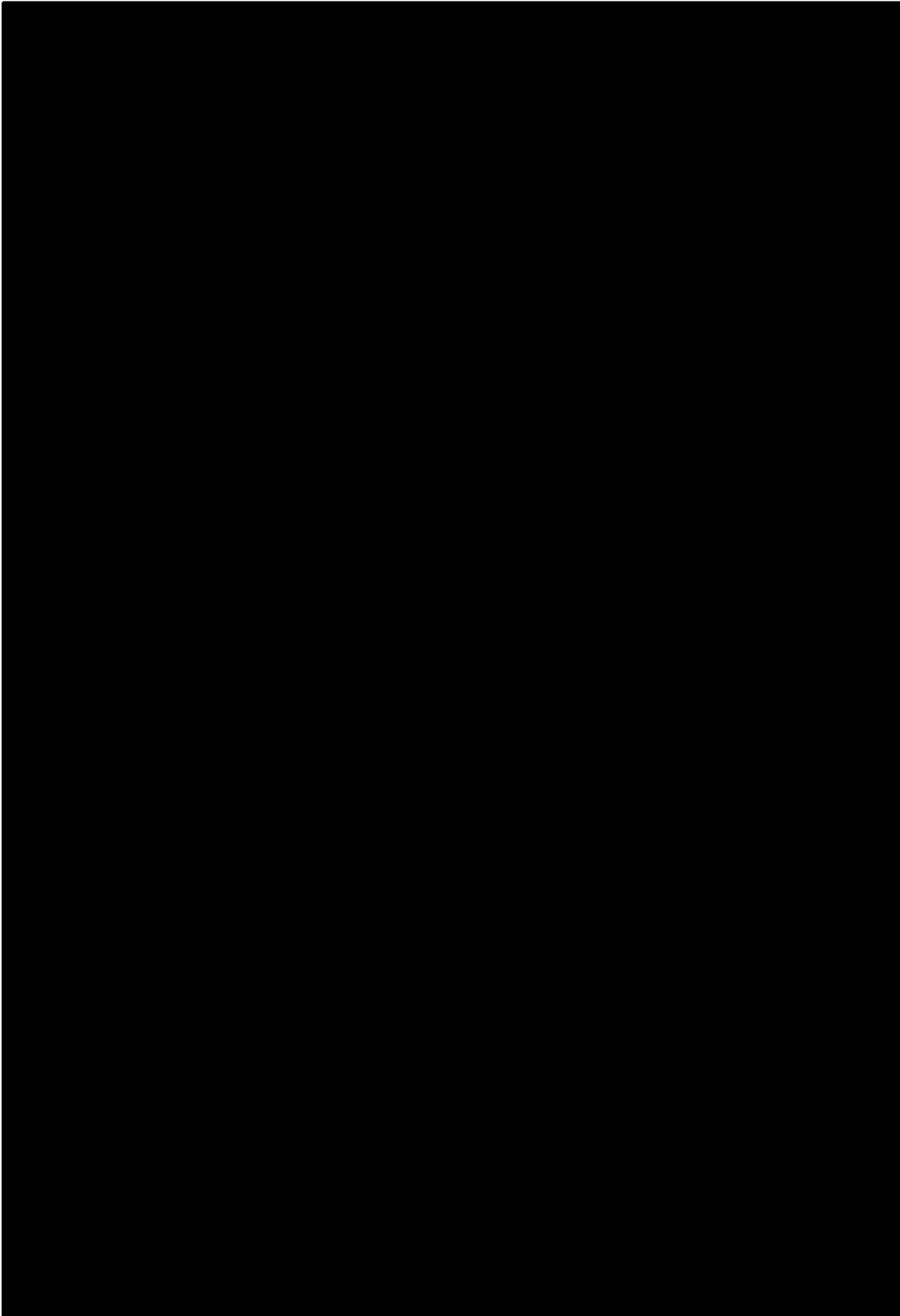
PARTIES

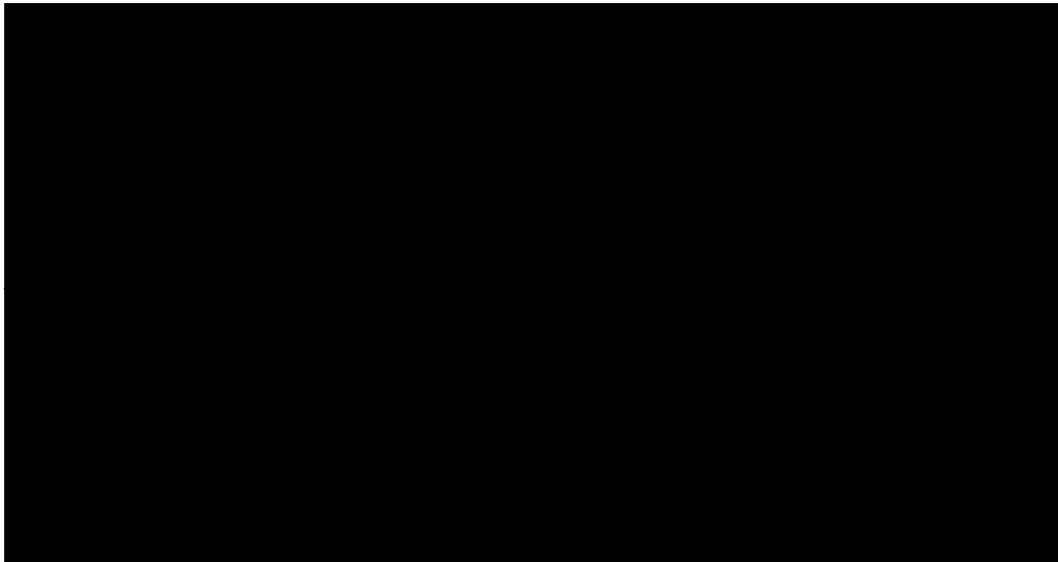
- (1) Isentropic Limited (in administration) incorporated and registered in England and Wales with company number 05077488 whose registered office is at 40 Bank Street, London, E14 5NR (Assignor), acting by its joint administrators Mark Robert Fry and Kirstie Jane Provan both of 40 Bank Street, London, E14 5NR ("Joint Administrators").
- (2) The Joint Administrators.
- (3) Energy Technologies Institute LLP incorporated and registered as a Limited Liability Partnership in England and Wales with registered number OC333553 whose registered office is at Holywell Building, Holywell Way, Loughborough, Leicestershire, LE11 3UZ (Assignee).

BACKGROUND

- (A) The Assignor owns Intellectual Property (as defined below) relating to its business including but not limited to Intellectual Property related to the pumped heat energy storage device developed by the Assignor.
 - (B) The Assignor entered administration on 22nd January 2016.
 - (C) The Assignor (acting by the Joint Administrators) has agreed to assign to the Assignee such right, title and interest as the Assignor may have in the Intellectual Property (as defined below) that it owns, with effect from the Transfer Date upon the terms contained in this Deed.
 - (D) The Assignor (acting by the Joint Administrators) has agreed to assign to the Assignee such right, title and interest as it may have in the Designated IT Hardware and the Materials (both as defined below) that it owns, with effect from the Transfer Date upon the terms contained in this Deed.
- 

EXECUTION VERSION



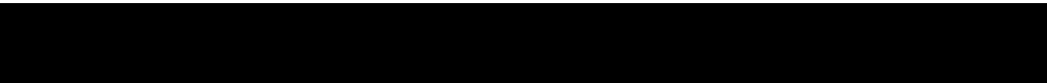


2. ASSIGNMENT

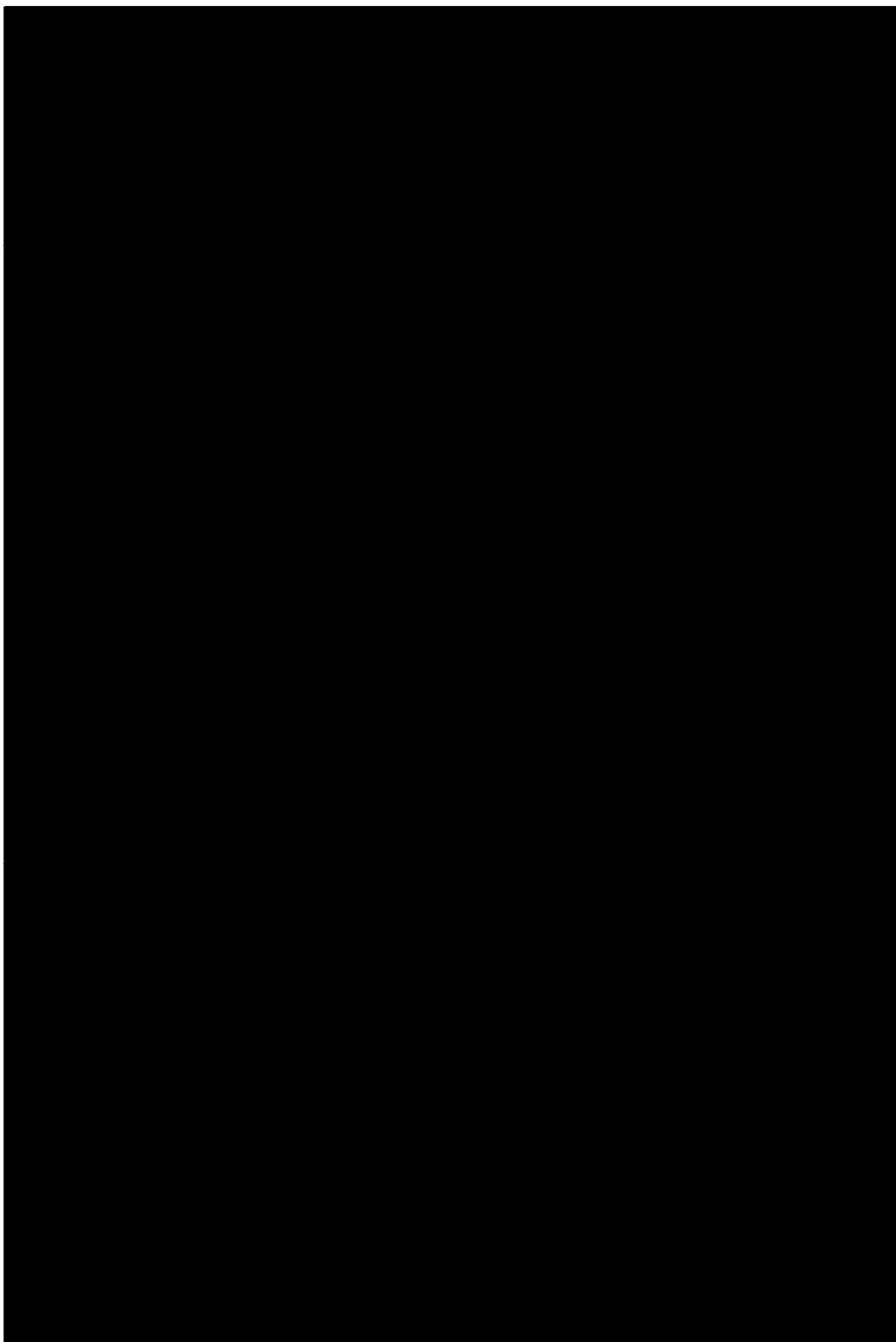
In consideration of the sum of £1 ("the Price") payable in accordance with Clause 2.3 below (receipt of which the Assignor expressly acknowledges), the Assignor hereby assigns to the Assignee absolutely with no title guarantee such right, title and interest as it may have in and to:

2.1 the Assigned Rights, including:

- (a) the full and exclusive benefit of all inventions contained in the Intellectual Property;
- (b) all the rights of the Assignor in and to the Patents and the full and exclusive benefit of them and all rights privileges and advantages associated with them;
- (c) the full right to apply for and obtain patents or other similar forms of protection in respect of any inventions contained in the Intellectual Property throughout the world;
- (d) the right to make any new application or applications anywhere in the world in respect of any part or parts of the subject matter of the Patents or any other application or specification filed in connection with any invention contained in the Intellectual Property;
- (e) any patents or other similar forms of protection granted in respect of all inventions contained in the Intellectual Property;
- (f) the right to claim priority to any of the Patents under section 5 of the UK Patents Act 1977 and/or under the Paris Convention (as amended) or any equivalent provisions; and
- (g) the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of any of the Assigned Rights whether occurring before, on, or after the date of this Deed;

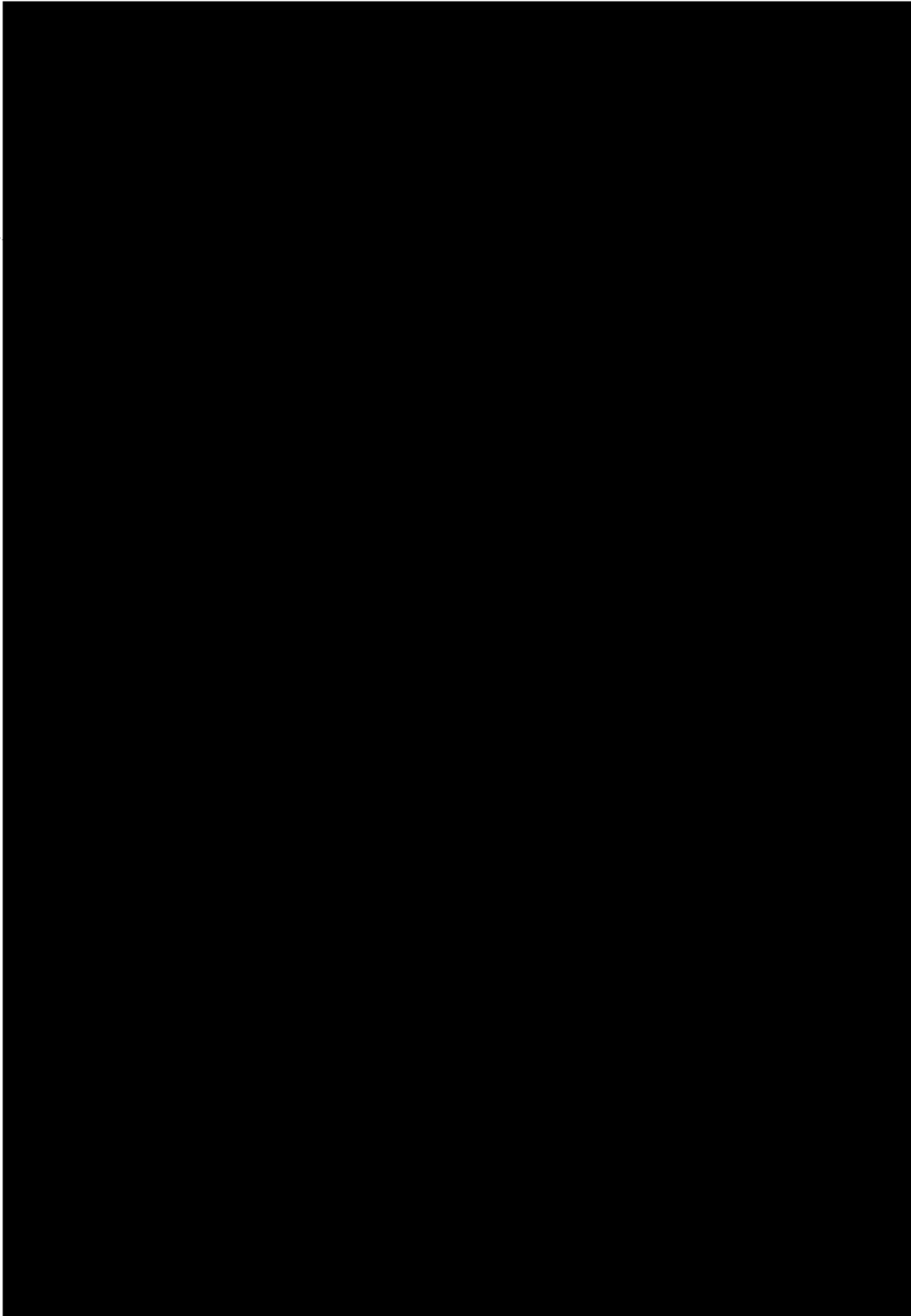


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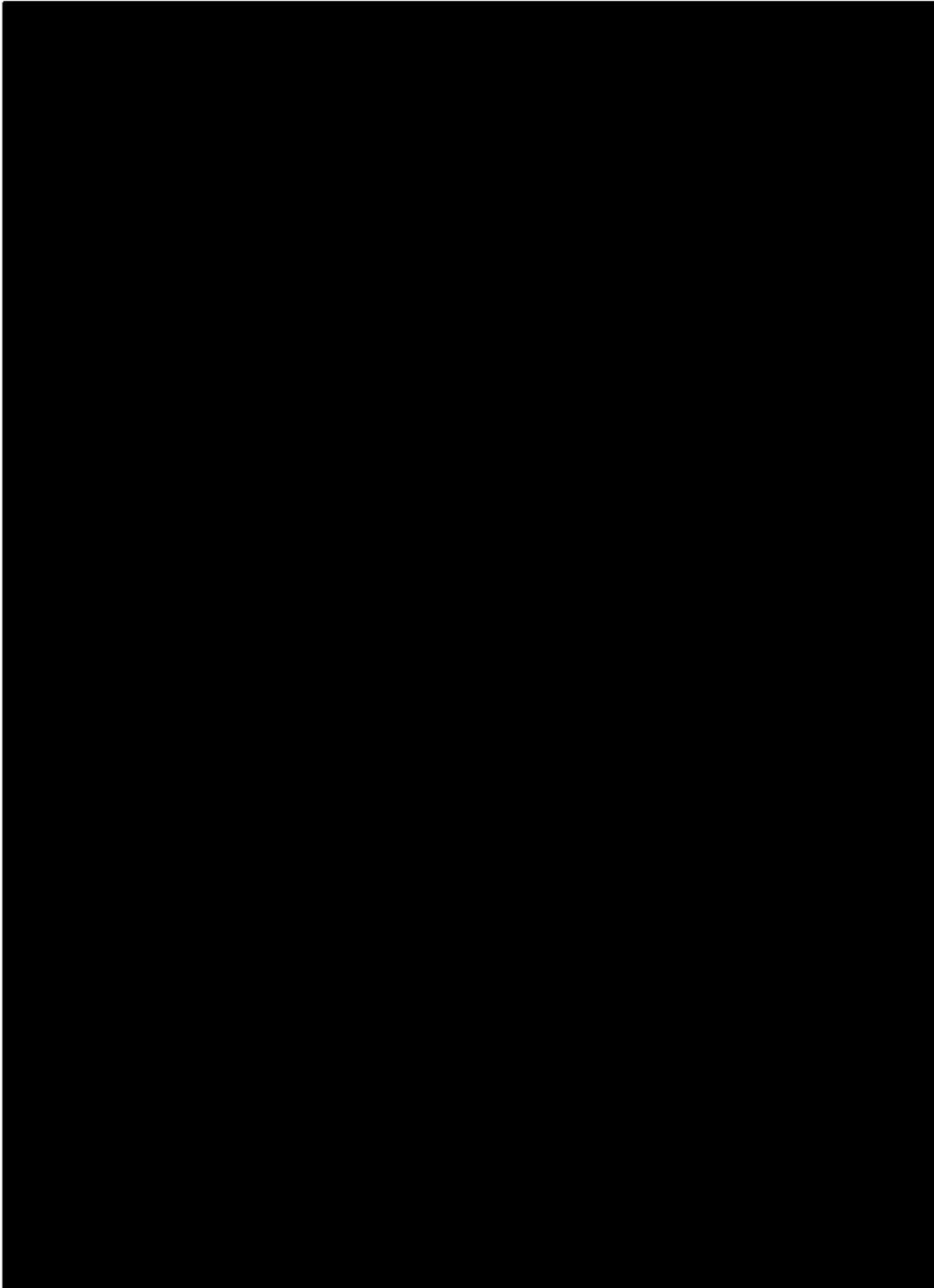
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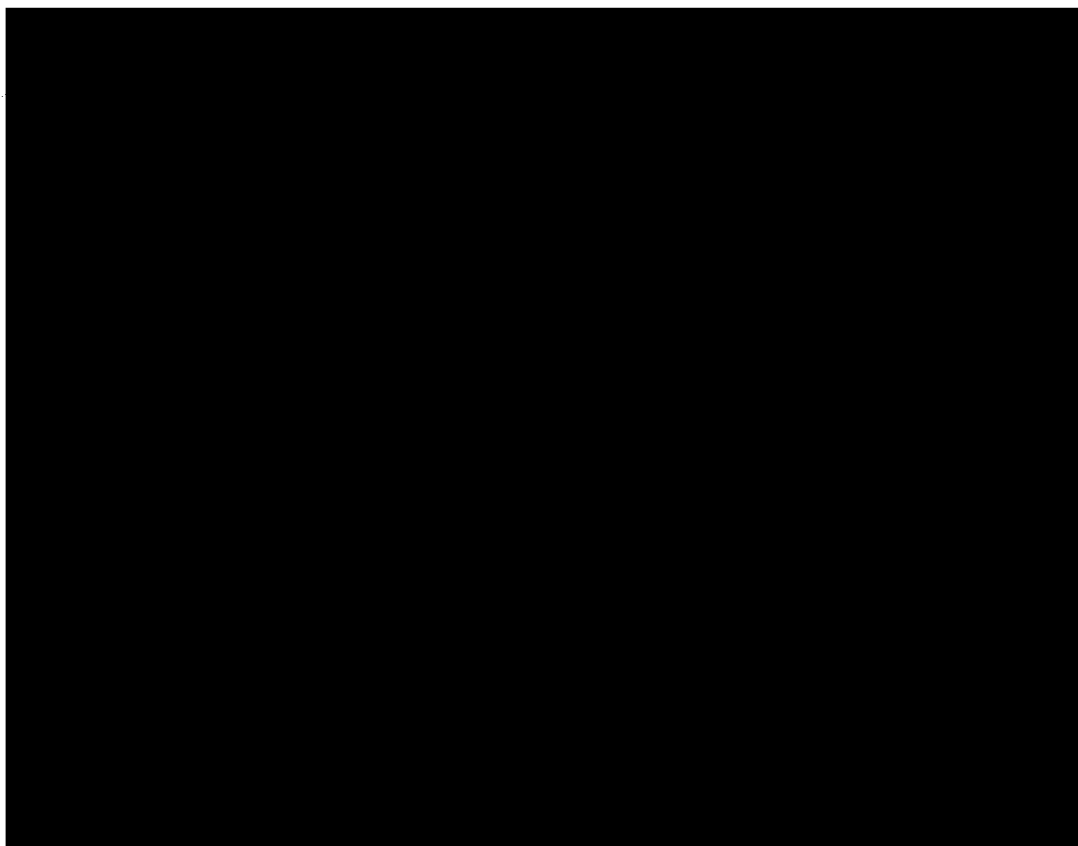


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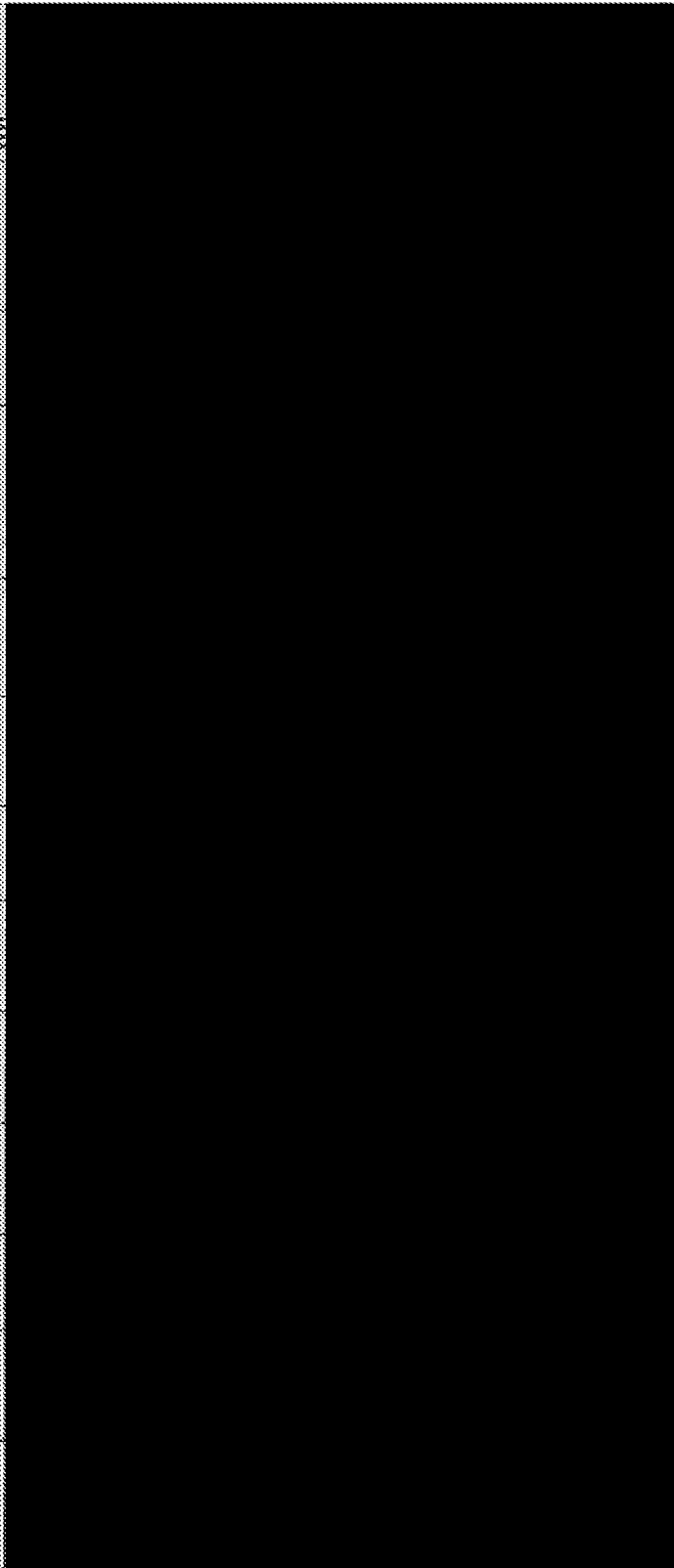


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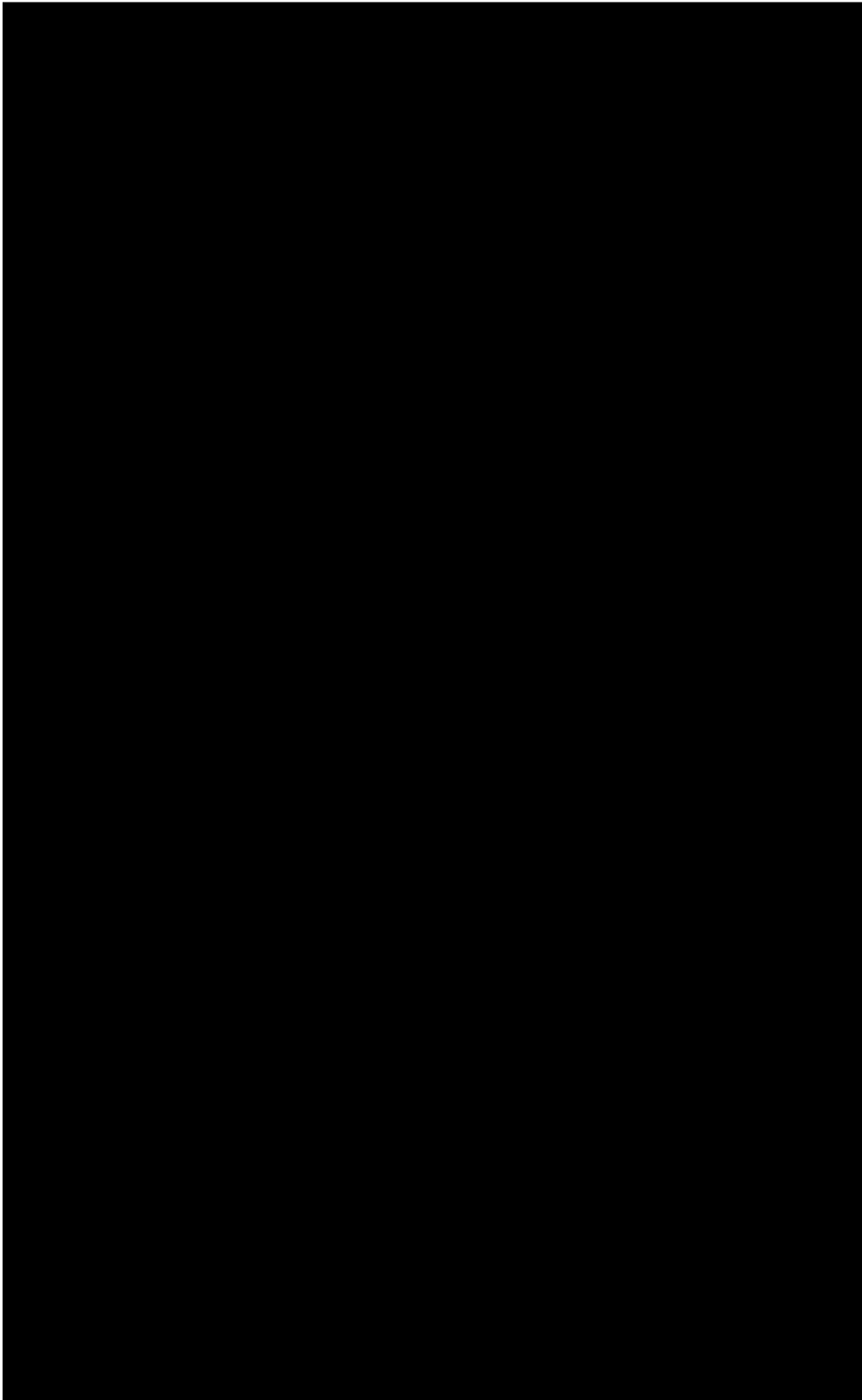


SCHEDULE 1 - PATENTS

| Patent Family Case Ref | Country Case Ref | Country | Applicant | Internal Title | GB Priority | Priority Date Custom 33 mm YYY | Applicat on Date Custom 33 mm YYY | Application No. | Publication No. Format: CN1234567 1234567 381234567 JP1234567 US1234567 | Publication Date Custom 33 mm YYY | Patent No. Format: GB1234567 EP1234567 JP1234567 US1234567 | Grant Date Custom 33 mm YYY | Status |
|------------------------|------------------|---------|-----------|----------------|-------------|--------------------------------|-----------------------------------|-----------------|---|-----------------------------------|--|-----------------------------|--------|
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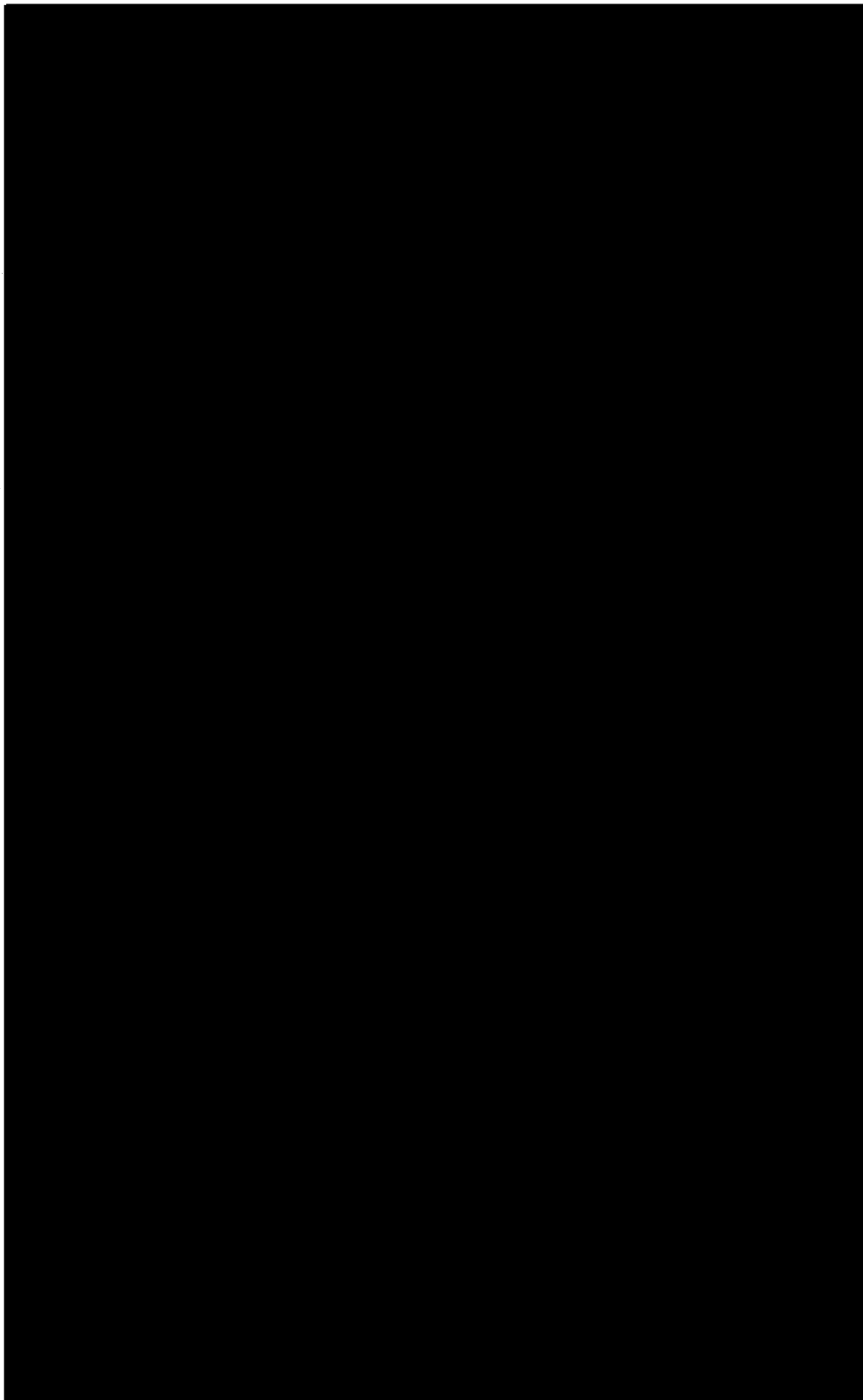


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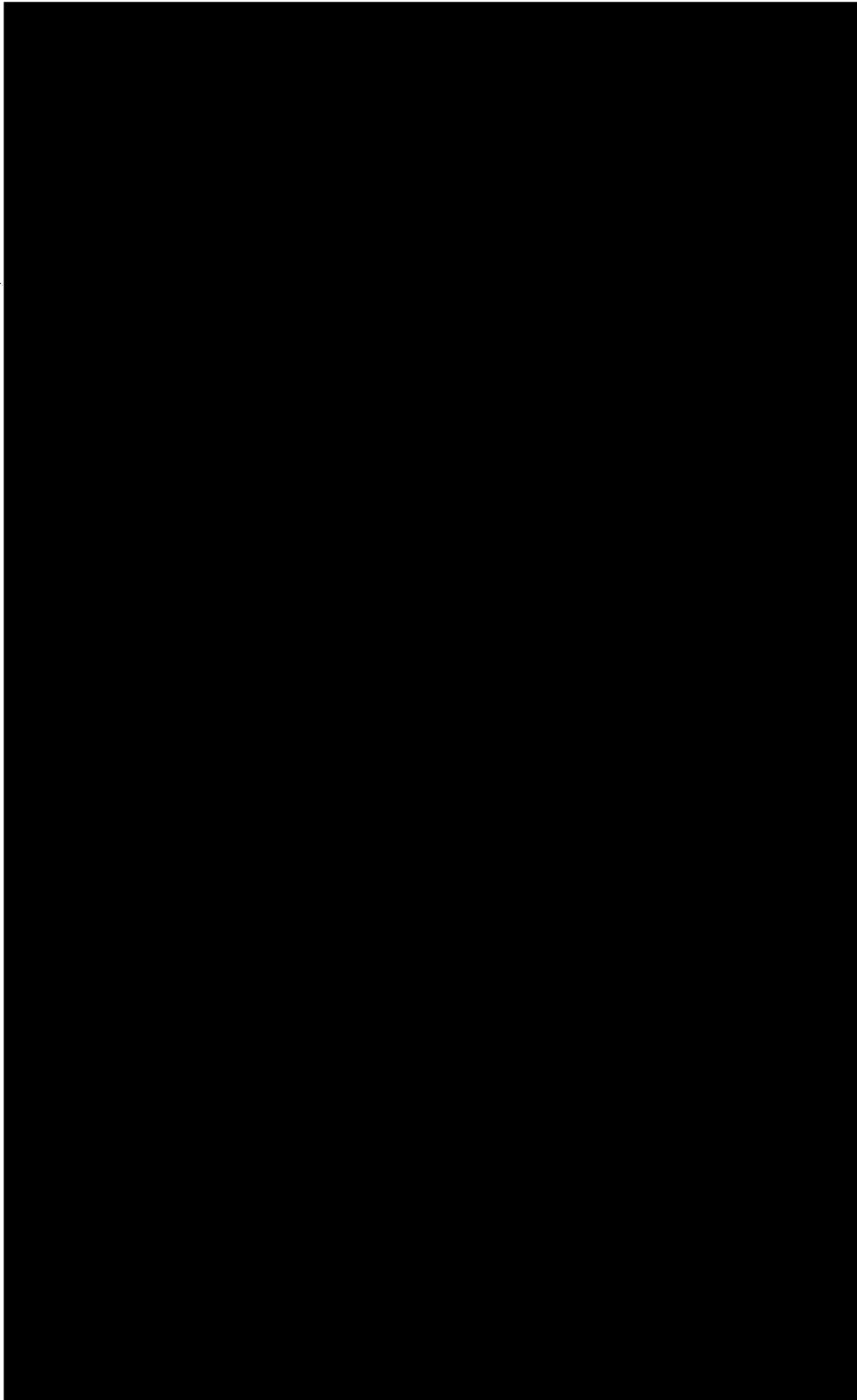
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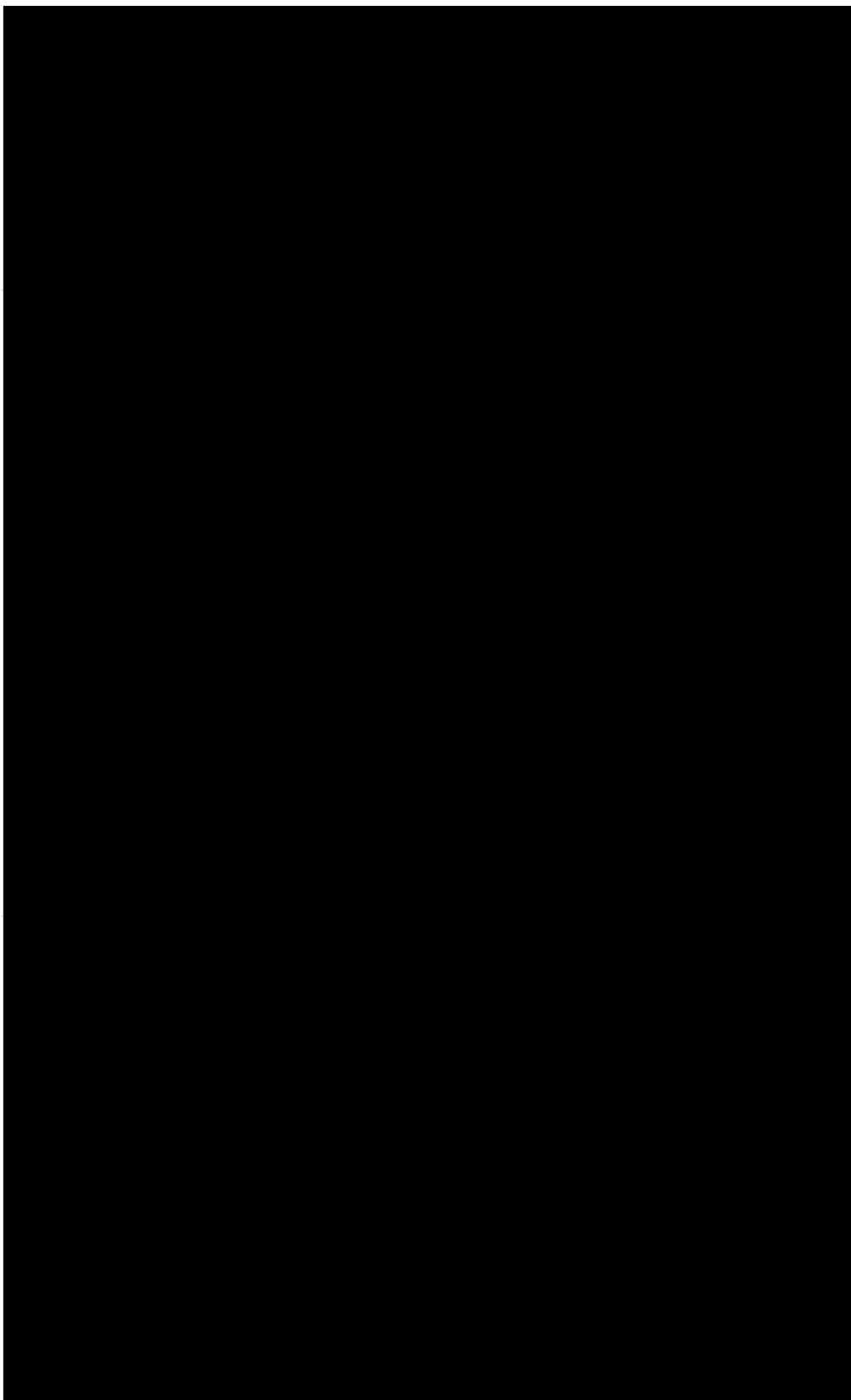


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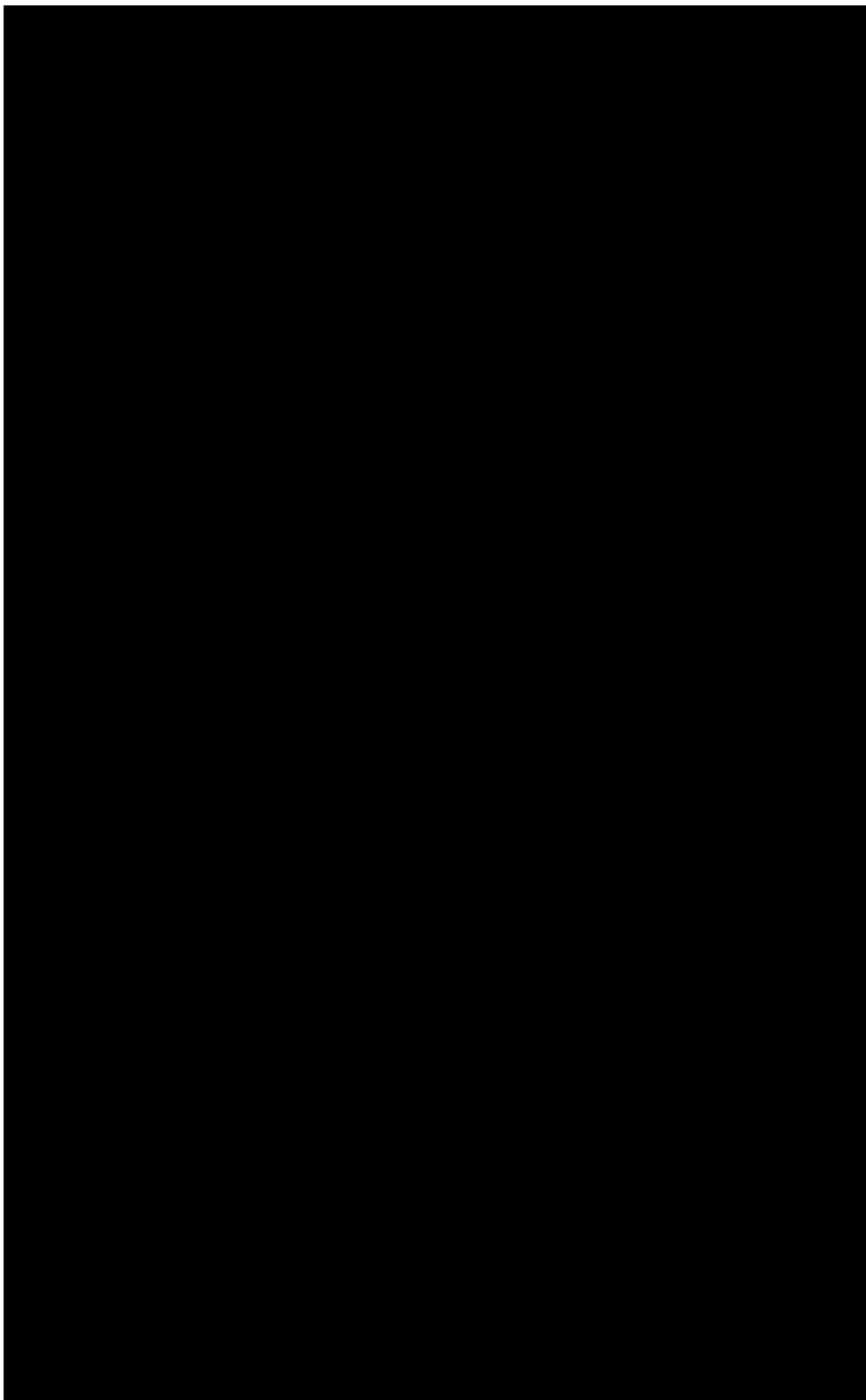


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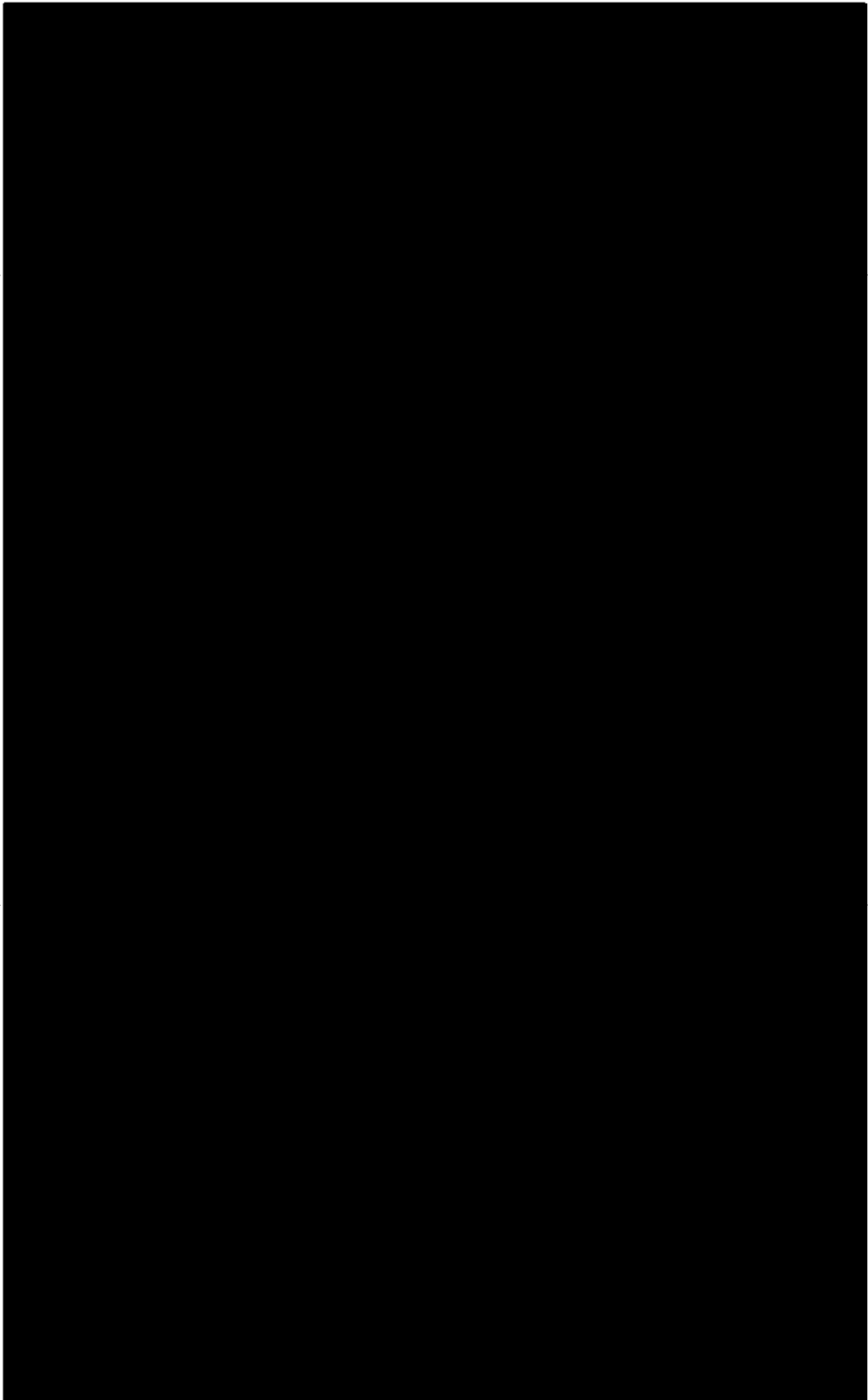
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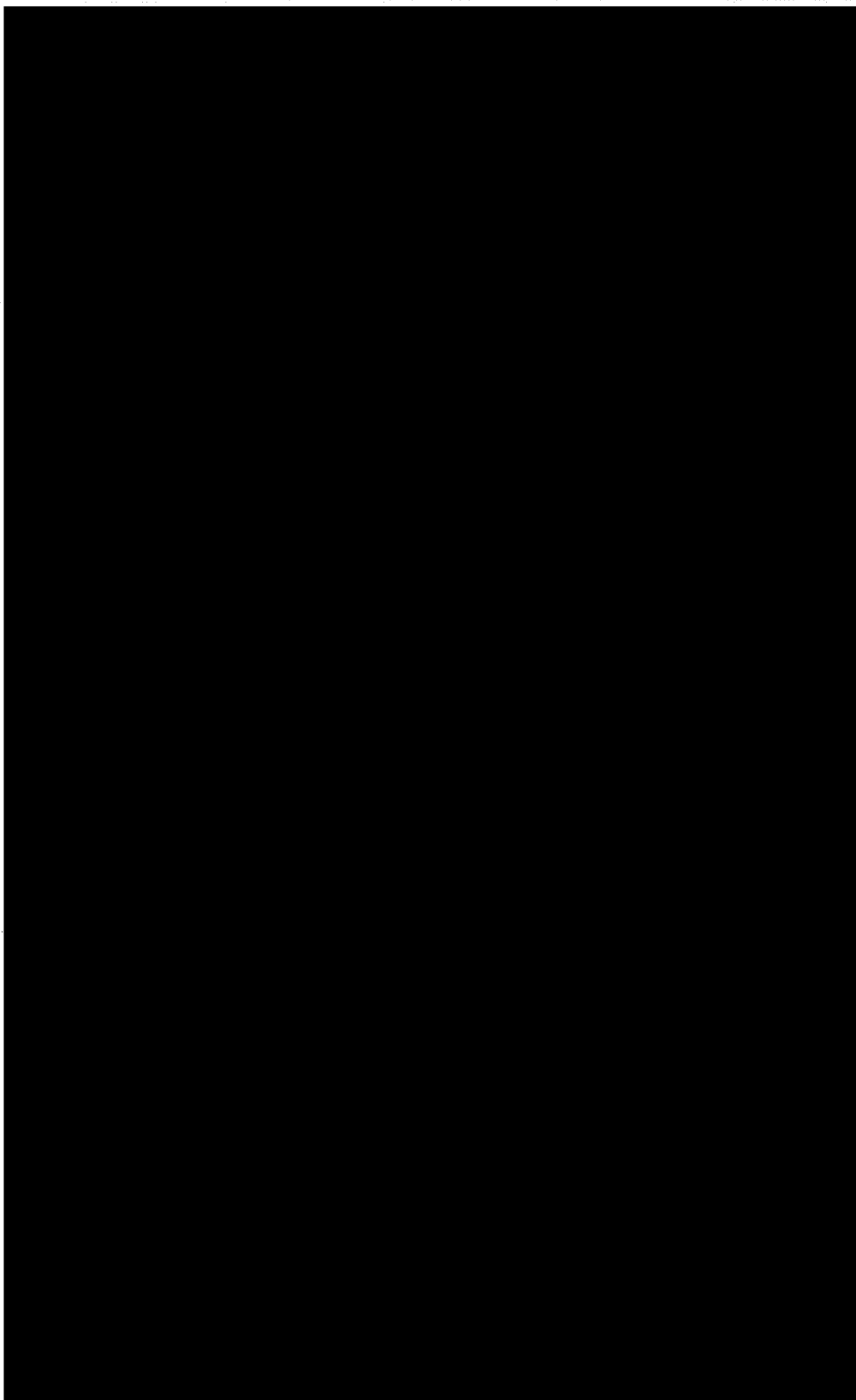
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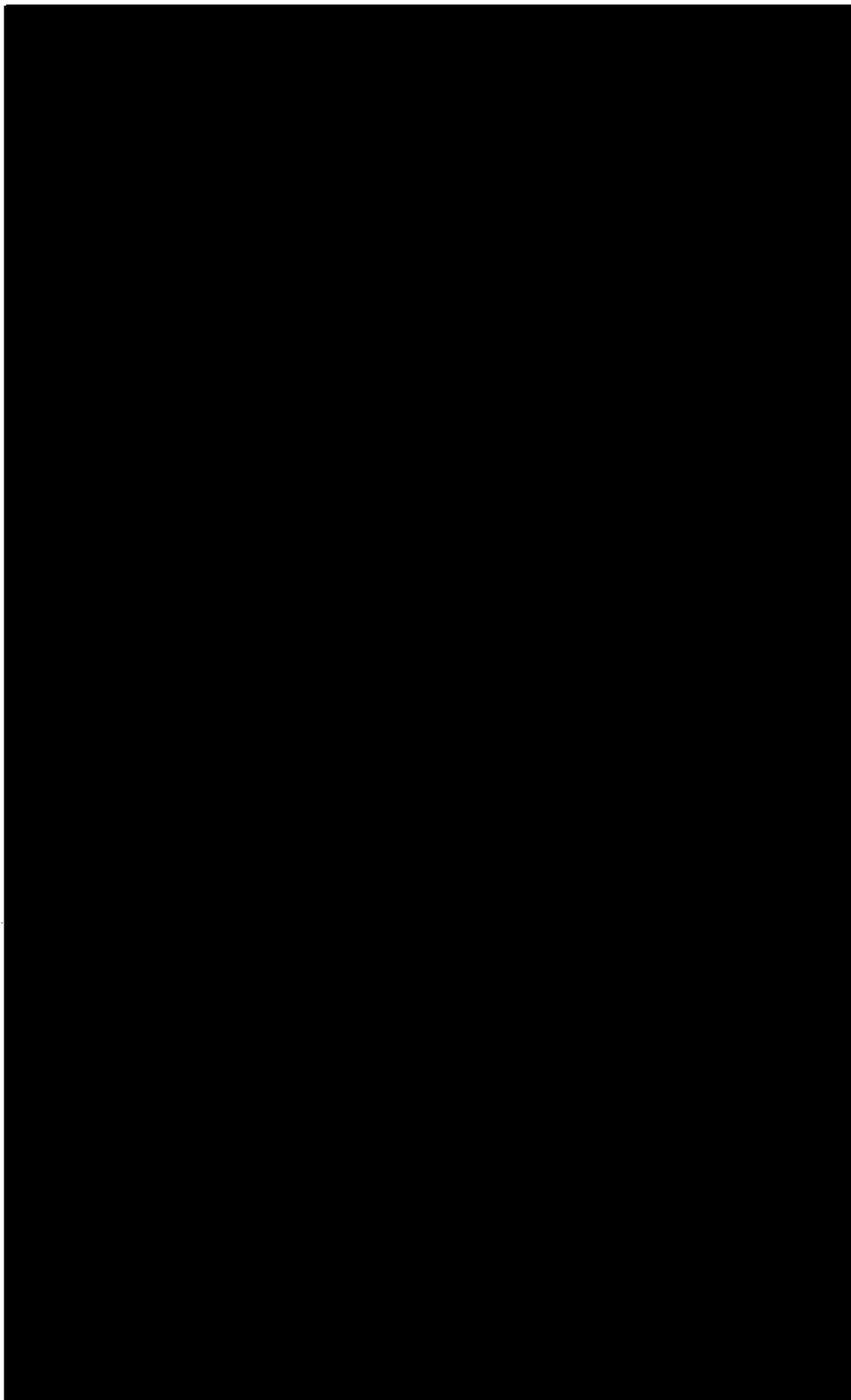
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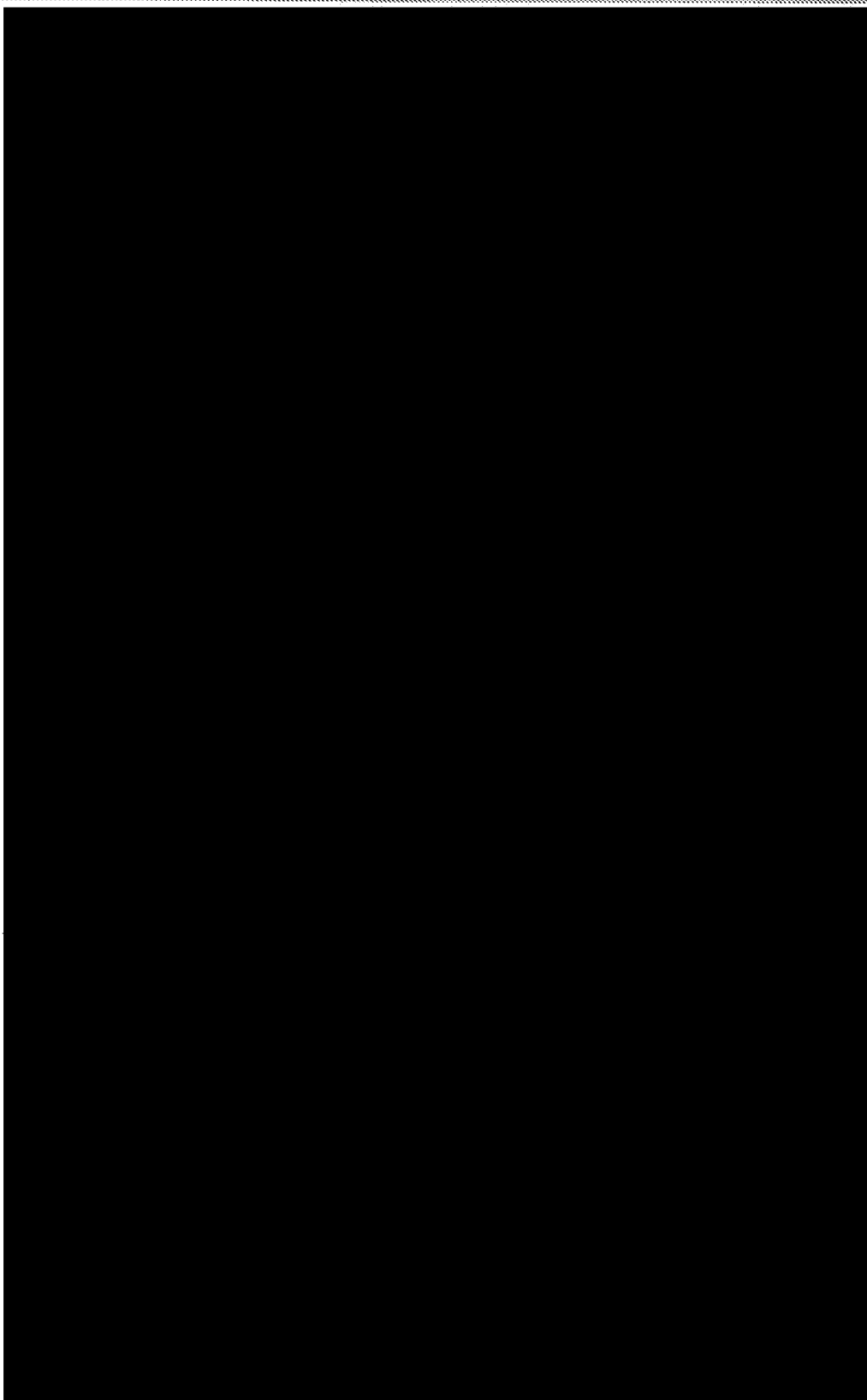
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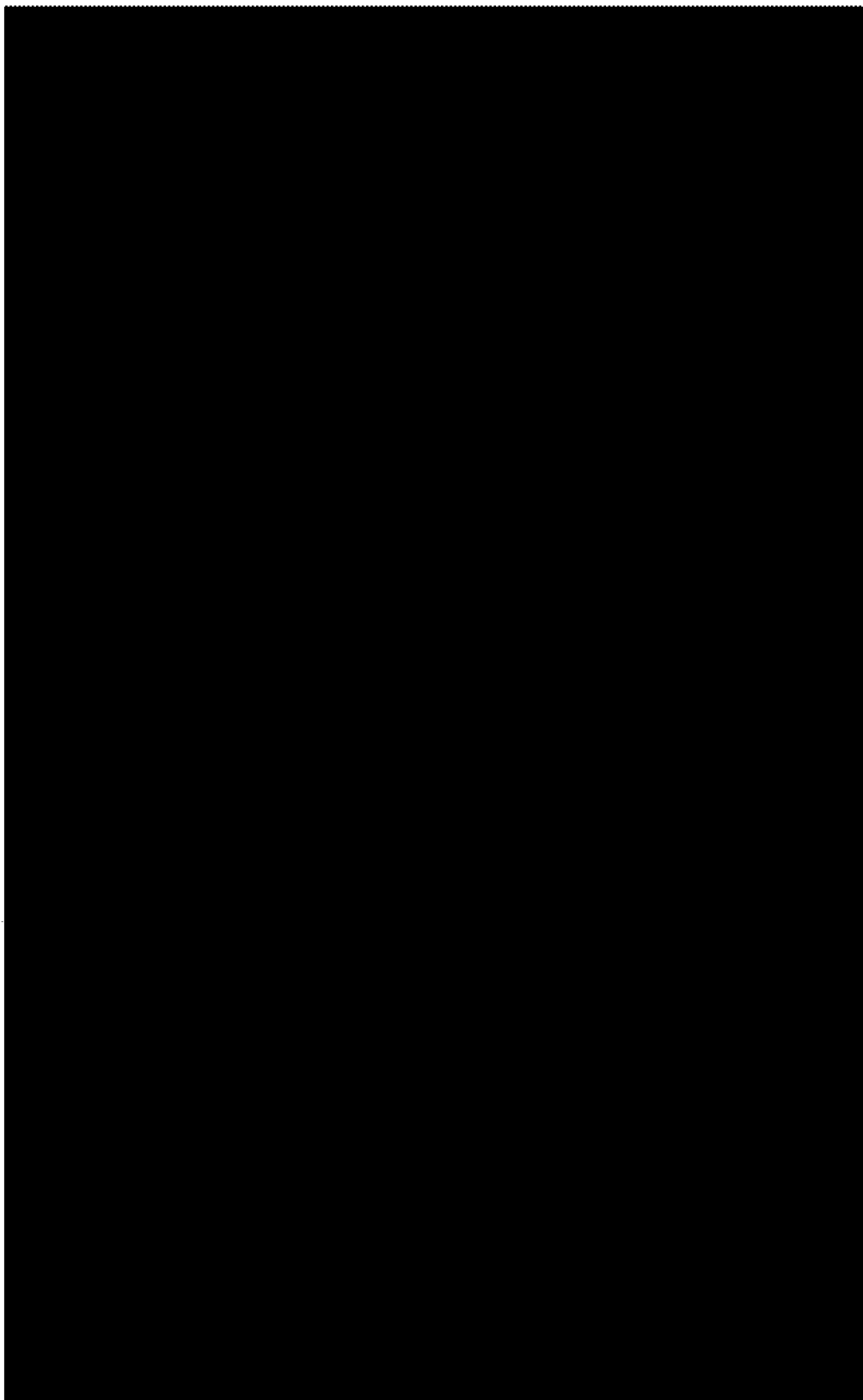
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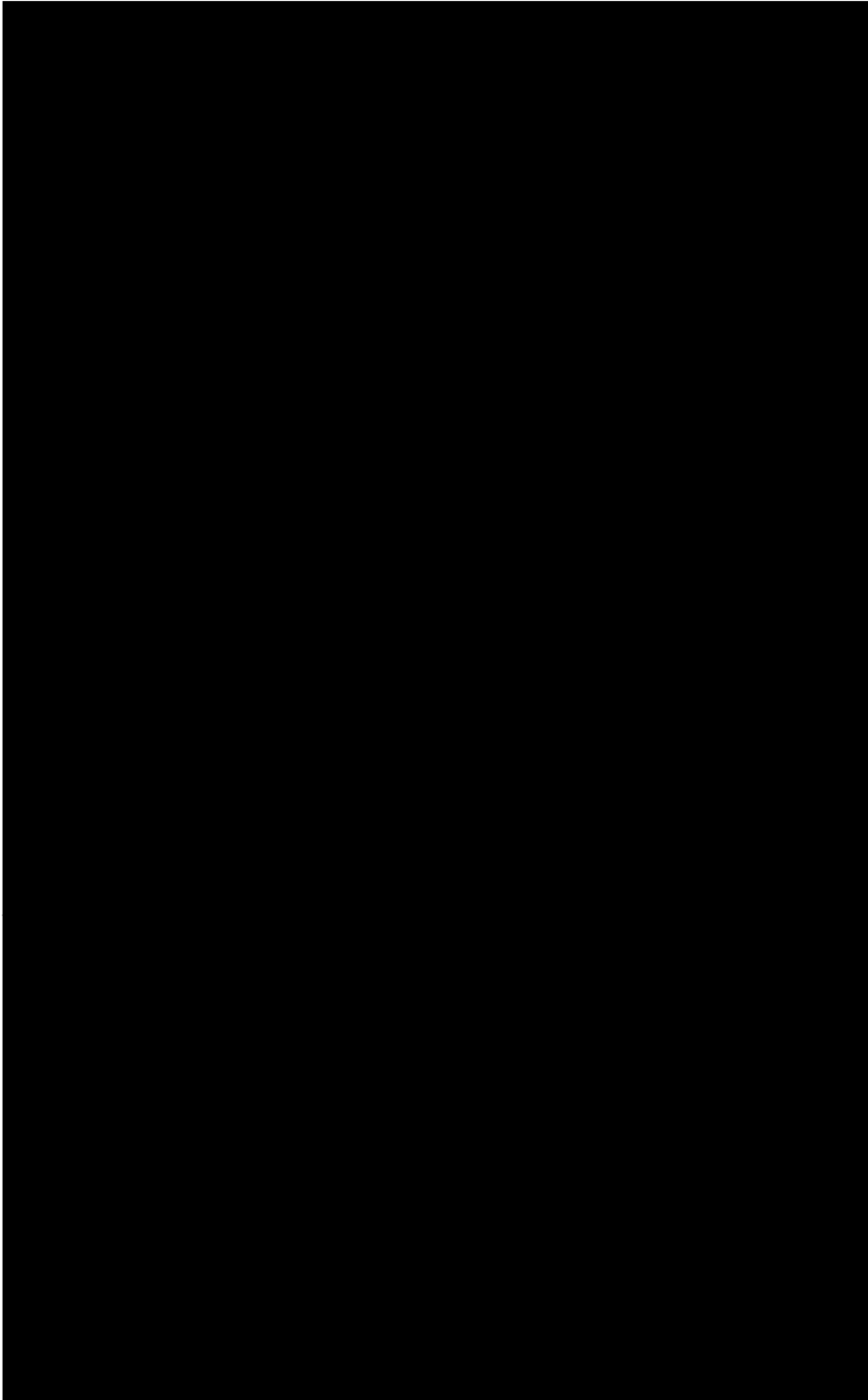


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| | | | | | | | | | |
| P37870 | P37870G B | United Kingdom | Isentropic Ltd | Top-up Compress or | | 12 Aug 2015 | 1514336.1 | | Pending |
| P38557 | P38557G B | United Kingdom | Isentropic Ltd | Improved Top-up Compress or | | 28 Oct 2015 | 1515148.7 | | Pending |
| | | | | | | | | | |

EXECUTION VERSION



28

This document has been executed as a deed and is delivered and takes effect on the date stated at the beginning of it.

Signed as a Deed by Mark Robert Fry
as Joint Administrator of Isentropic
Limited (in administration) (and acting
as agent and therefore without personal
liability) in the presence of:

)
)
)
)
) Administrator

Witness
Name
Address

Occupation

Signed as a Deed by Mark Robert Fry
for and on behalf of the Joint
Administrators
without personal liability and solely for the
purpose of obtaining the benefit of the
provisions of this Deed expressed to be
conferred upon or given to the
Administrators
in the presence of:

)
)
)
)
) Administrator

Witness
Name
Address

Occupation

Executed as a deed by ENERGY
TECHNOLOGIES INSTITUTE LLP
acting by




Director


Director

EXECUTION VERSION

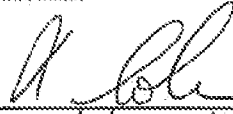
This document has been executed as a deed and is delivered and takes effect on the date stated at the beginning of it.

Signed as a Deed by Mark Robert Fry
as Joint Administrator of Isentropic
Limited (in administration) (and acting
as agent and therefore without personal
liability) in the presence of:



Administrator

Witness
Name
Address




IRVIN COHEN
40 BANK STREET
LONDON
E14 5JR

CHARTERED ACCOUNTANT


Occupation

Signed as a Deed by Mark Robert Fry
for and on behalf of the Joint
Administrators
without personal liability and solely for the
purpose of obtaining the benefit of the
provisions of this Deed expressed to be
conferred upon or given to the
Administrators
in the presence of:



Administrator

Witness
Name
Address



IRVIN COHEN
40 BANK STREET
LONDON
E14 5JR

CHARTERED ACCOUNTANT

Occupation

Executed as a deed by ENERGY
TECHNOLOGIES INSTITUTE LLP
acting by

Director

Director