

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5228098

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SONY DEUTSCHLAND GMBH	03/23/2016
RECEIVING PARTY DATA		
Name:	SONY CORPORATION	
Street Address:	1-7-1, KONAN, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	108-0075	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	14278577	
Application Number:	15254443	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	CHRISTINE.GRIMES@XSENSUS.COM	
Correspondent Name:	XSENSUS LLP	
Address Line 1:	200 DAINGERFIELD ROAD	
Address Line 2:	SUITE 201	
Address Line 4:	ALEXANDRIA, VIRGINIA 22314	
ATTORNEY DOCKET NUMBER:	10415US04CON	
NAME OF SUBMITTER:	CHRISTINE GRIMES	
SIGNATURE:	/christine grimes/	
DATE SIGNED:	11/08/2018	
Total Attachments: 42		
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Assignment") EFFECTIVE AS OF 23 MARCH 2016 ("EFFECTIVE DATE") IS MADE BY AND BETWEEN

Sony Deutschland GmbH ("Assignor"), a German corporation having its registered address at Kemperplatz 1, 10785 Berlin, Germany and Sony Corporation ("Assignee"), a Japanese corporation having its principal place of business at 1-7-1, Konan, Minato-Ku, Tokyo, Japan and governed by the laws of Japan. Assignor and Assignee shall collectively be referred to herein as the "Parties".

WHEREAS, Assignor may possess rights and interests in and to patents, including the patents listed on the attached Exhibit A (together the "Patents"); and

WHEREAS, Assignee, directly or indirectly provided funding for the research and development that led to the Patents and ultimately paid for the prosecution and maintenance of the Patents.

WHEREAS the Parties believe that Assignee should hold the Assignor's legal title to the Patents and the Assignor now wishes to give effect to that belief by transferring all of its rights and title in the Patents to Assignee.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignee agrees to pay to Assignor the amount of ten Euros (€10) within five (5) days following the Effective Date.
2. Assignor hereby sells, assigns, transfers, and sets over unto Assignee: (1) all rights and interests it possesses in all countries throughout the world in and to the Patents and the inventions disclosed therein, including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, and divisions of

said Patents and any substitute applications thereof; (2) its right to sue and recover for, and its right to profits or damages due or accrued in connection with, any and all past, present, or future infringements of the Patents; and (3) its rights and interests in all convention and treaty rights of all kinds, including without limitation all rights of priority in any country of the world, in and to the above Patents.

3. Both parties shall execute the assignment document attached as Exhibit B to this Agreement which may be filed by Assignee at all relevant patent offices in order to perfect the assignment documented herein.

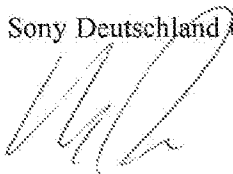
4. This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original copy of this Assignment.

5. This Assignment and any claim, controversy, dispute or cause of action based upon, arising out of or relating to this Assignment and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of Japan without giving effect to any choice of law provision or rule.

IN WITNESS WHEREOF, the Assignor has caused this Patent Assignment
to be duly executed by its duly authorized officer; and Assignee has caused this Patent
Assignment to be duly executed by its duly authorized officer.

For Sony Deutschland GmbH:

Dated:

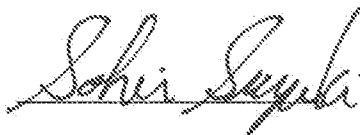


23.3.2016

Markus Zumkeller
Managing Director

For Sony Corporation:

Dated:



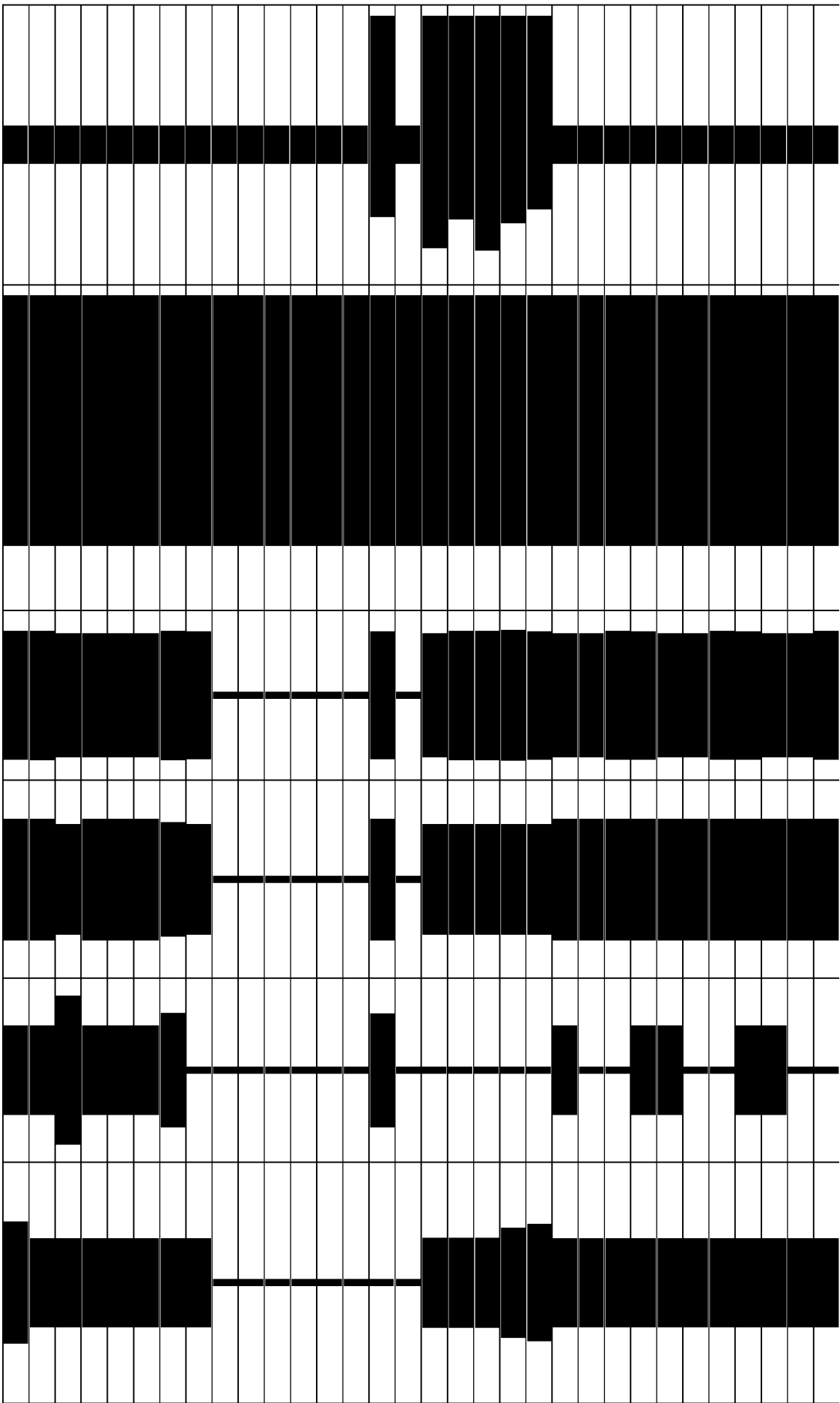
March 23, 2016

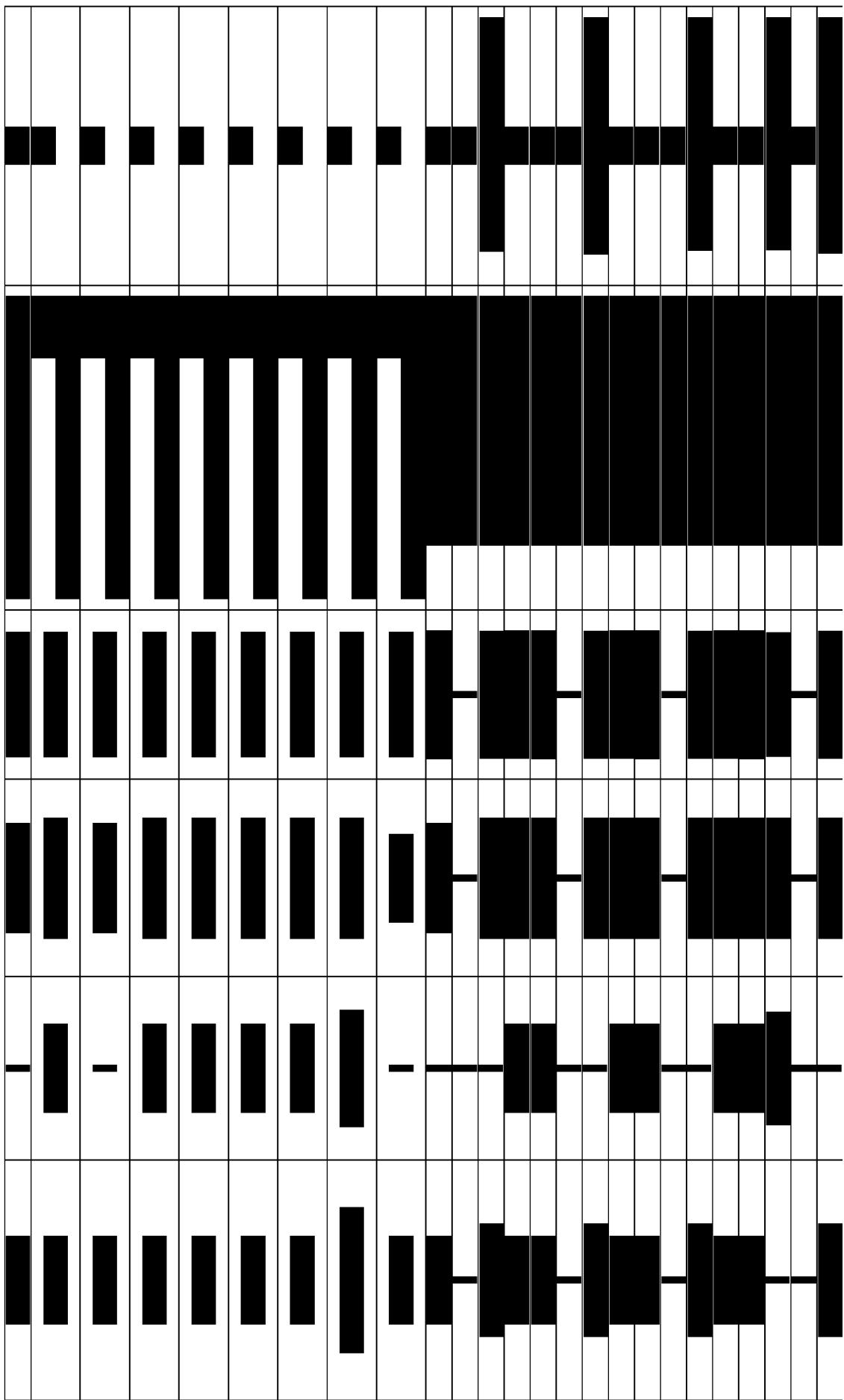
Sohei Suzuki
Senior General Manager
Intellectual Property Division

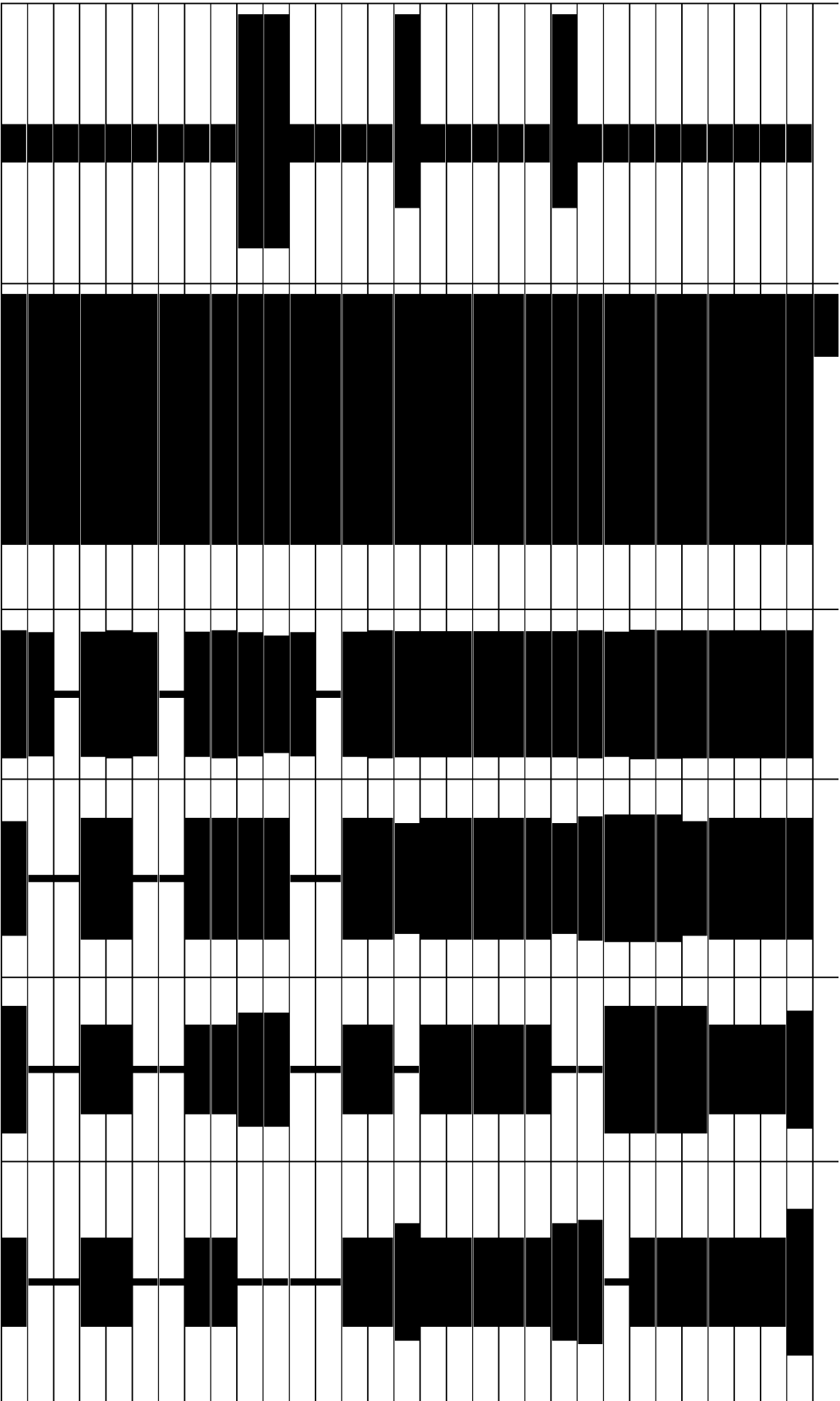
EXHIBIT A

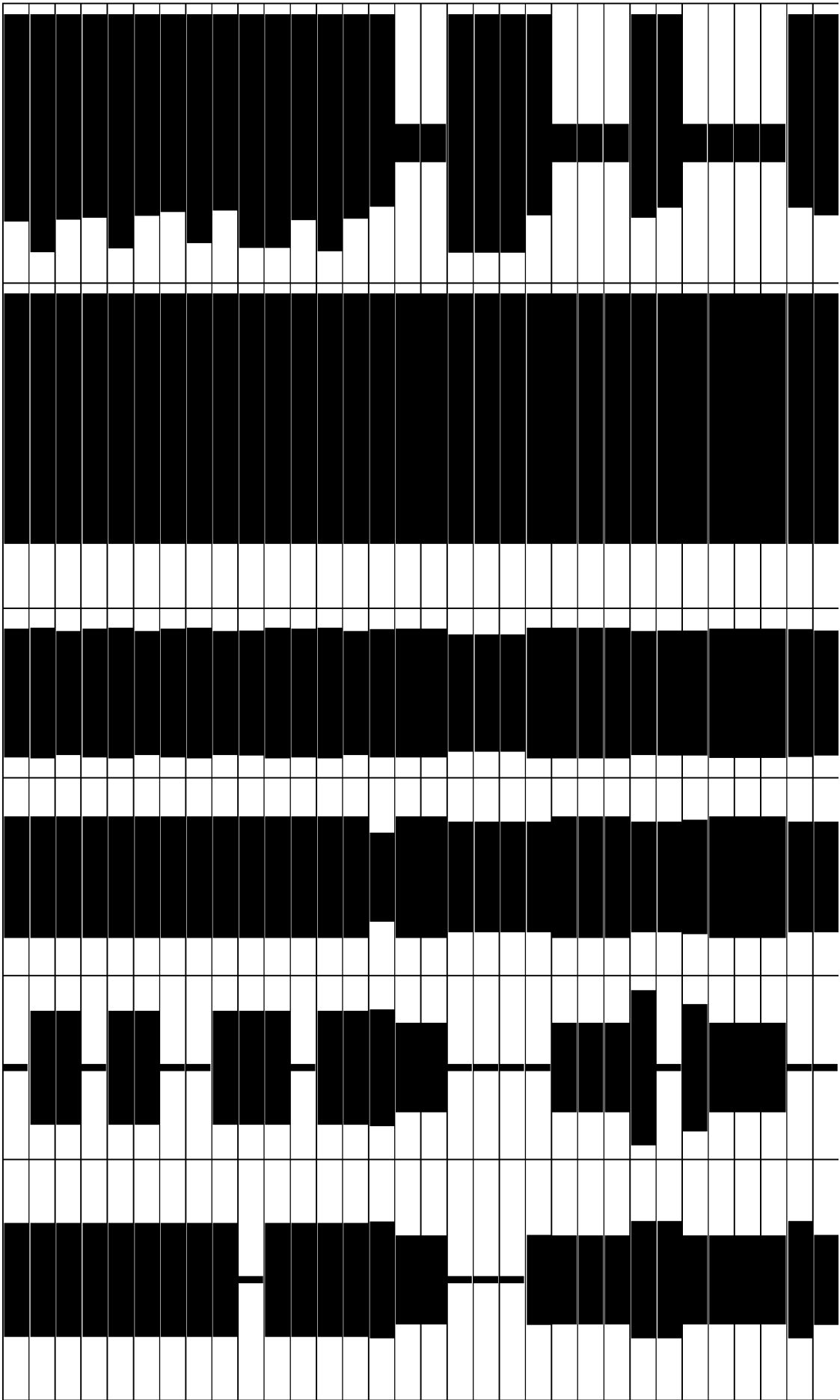
Sony Deutschland cases

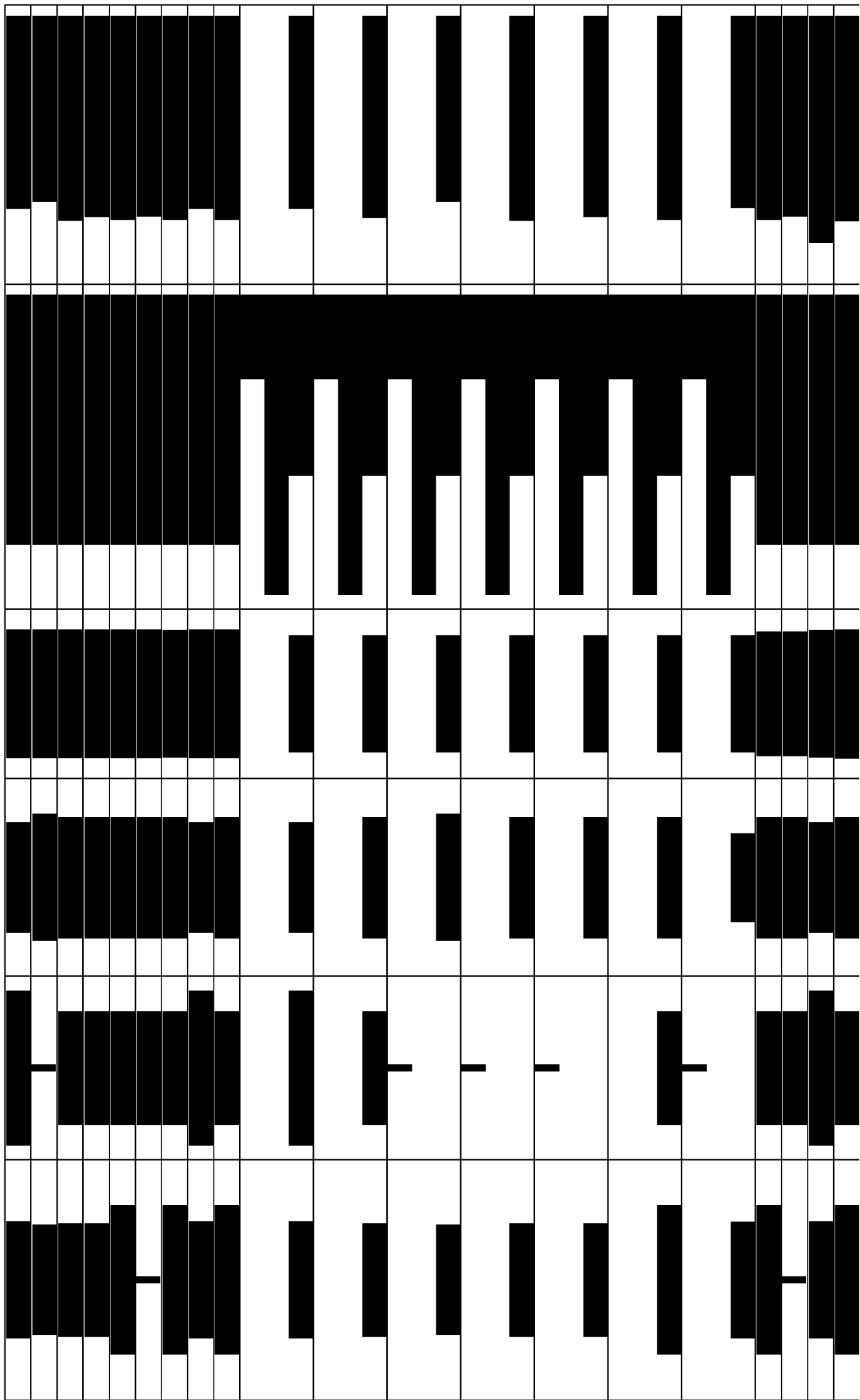
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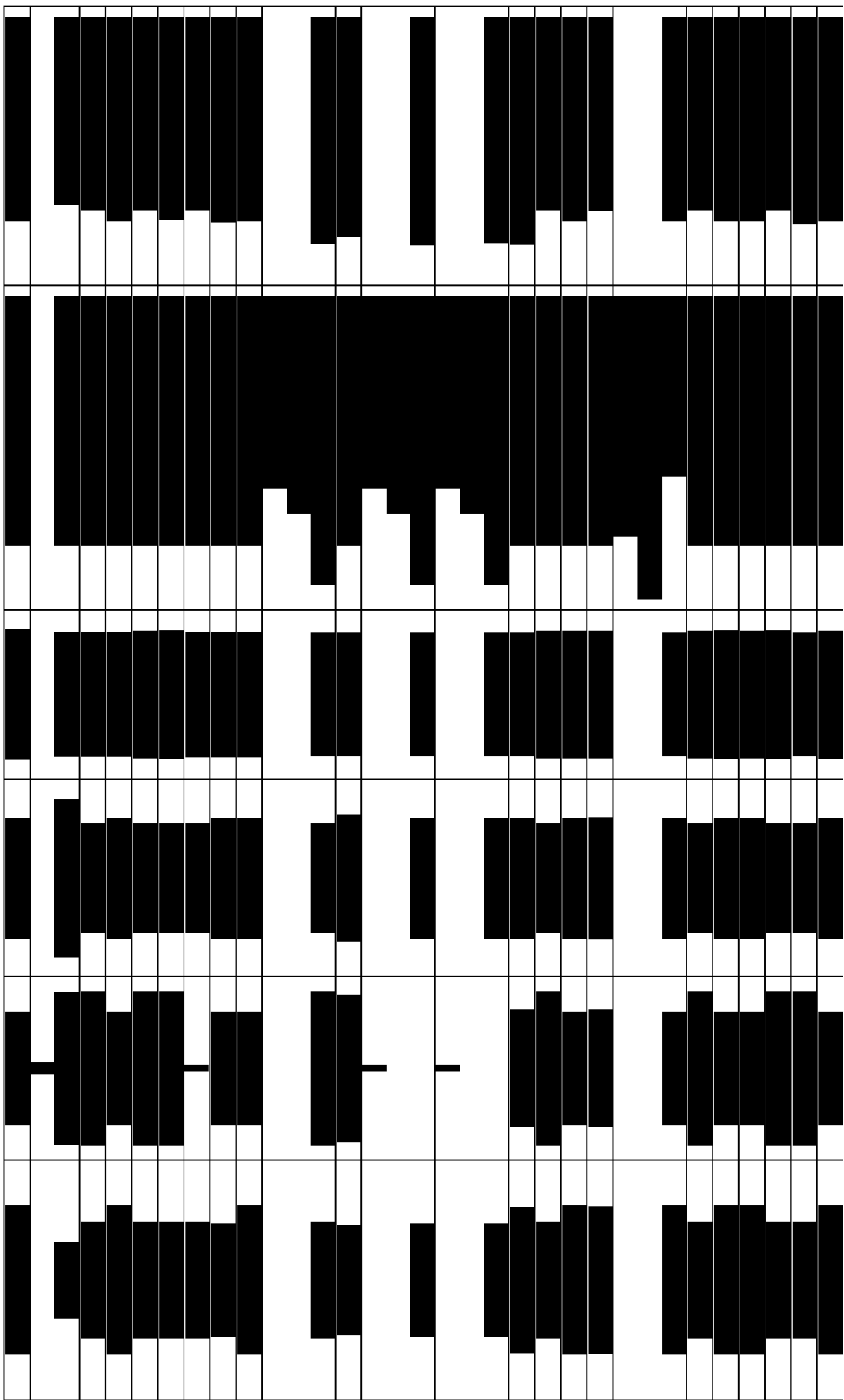


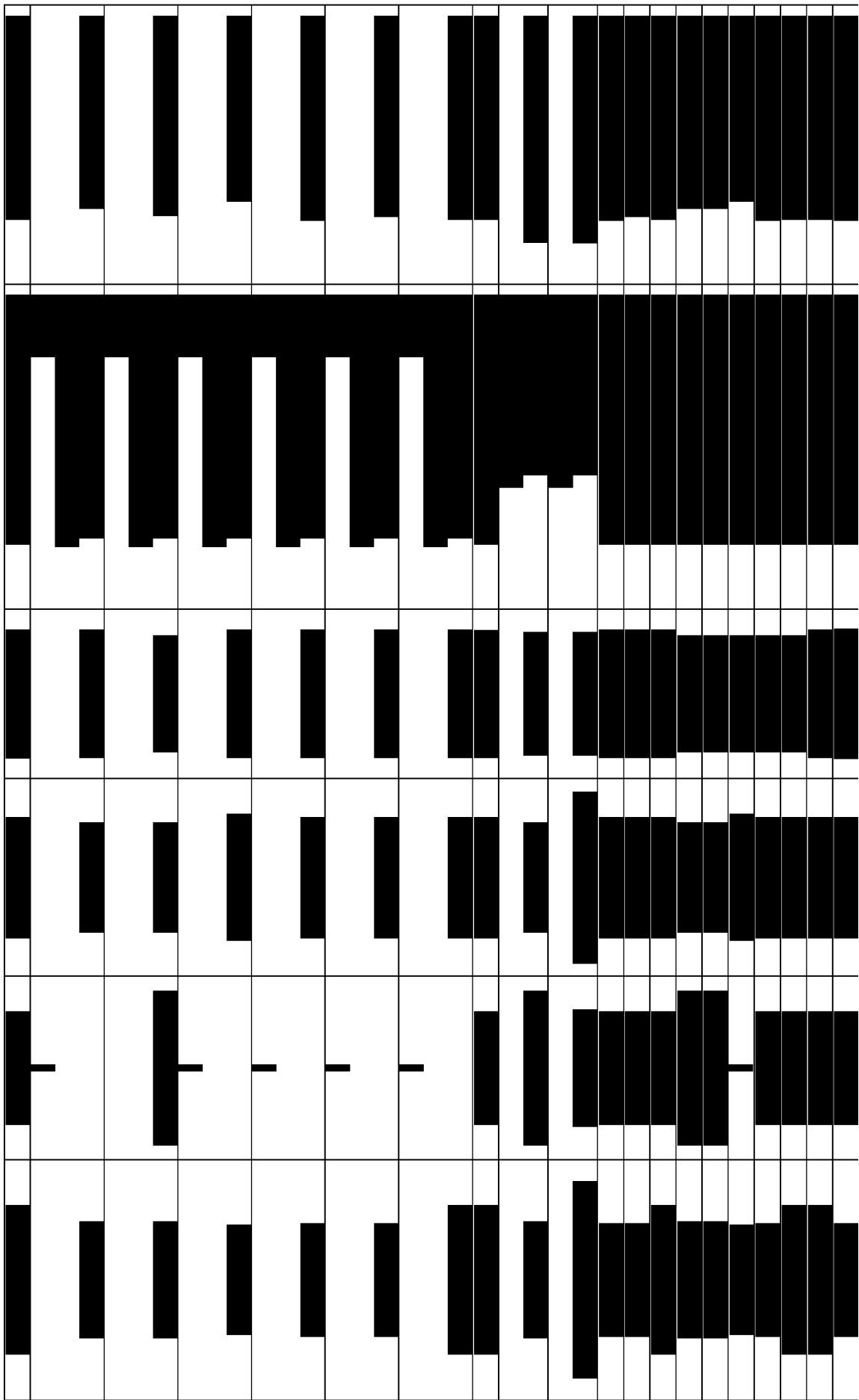


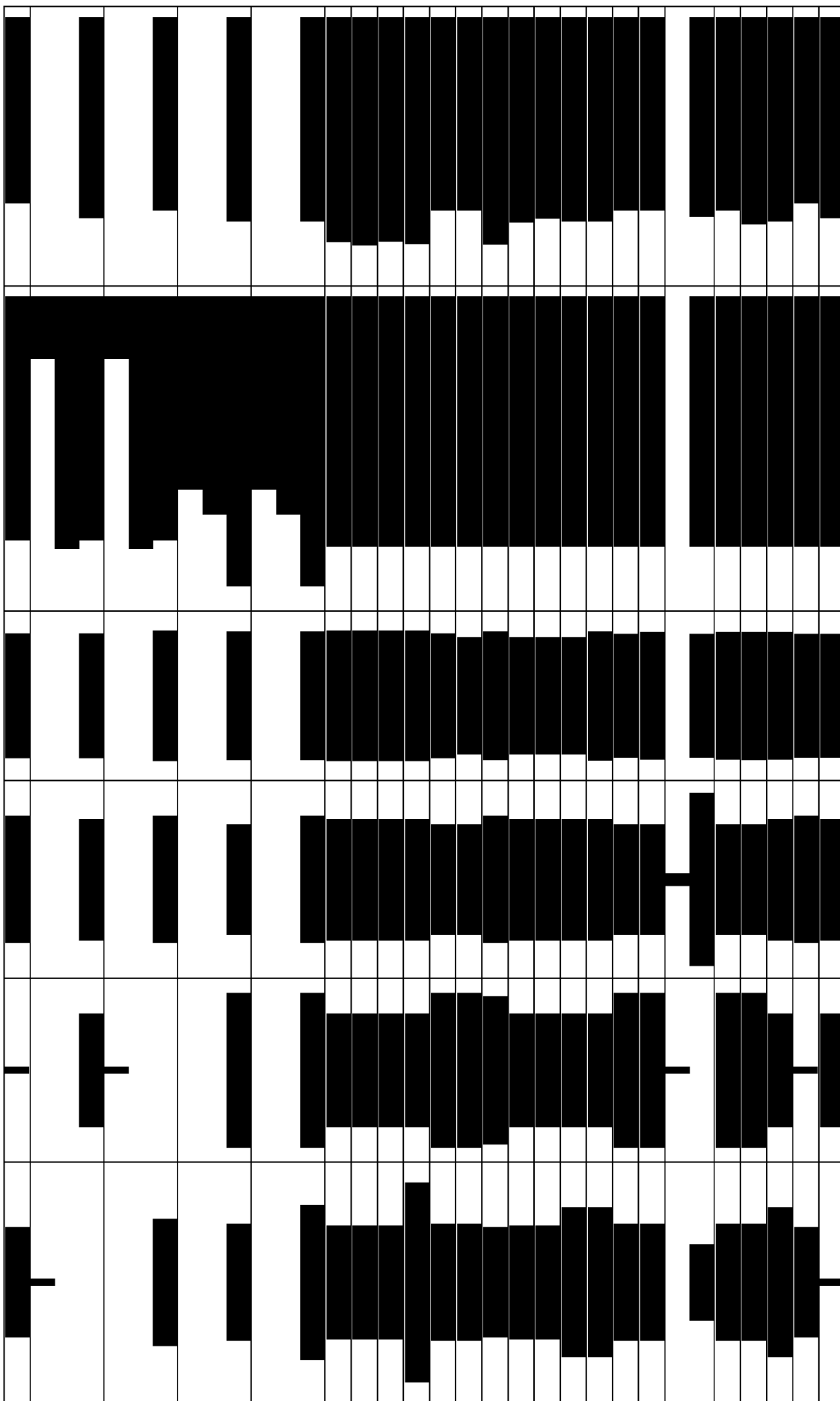


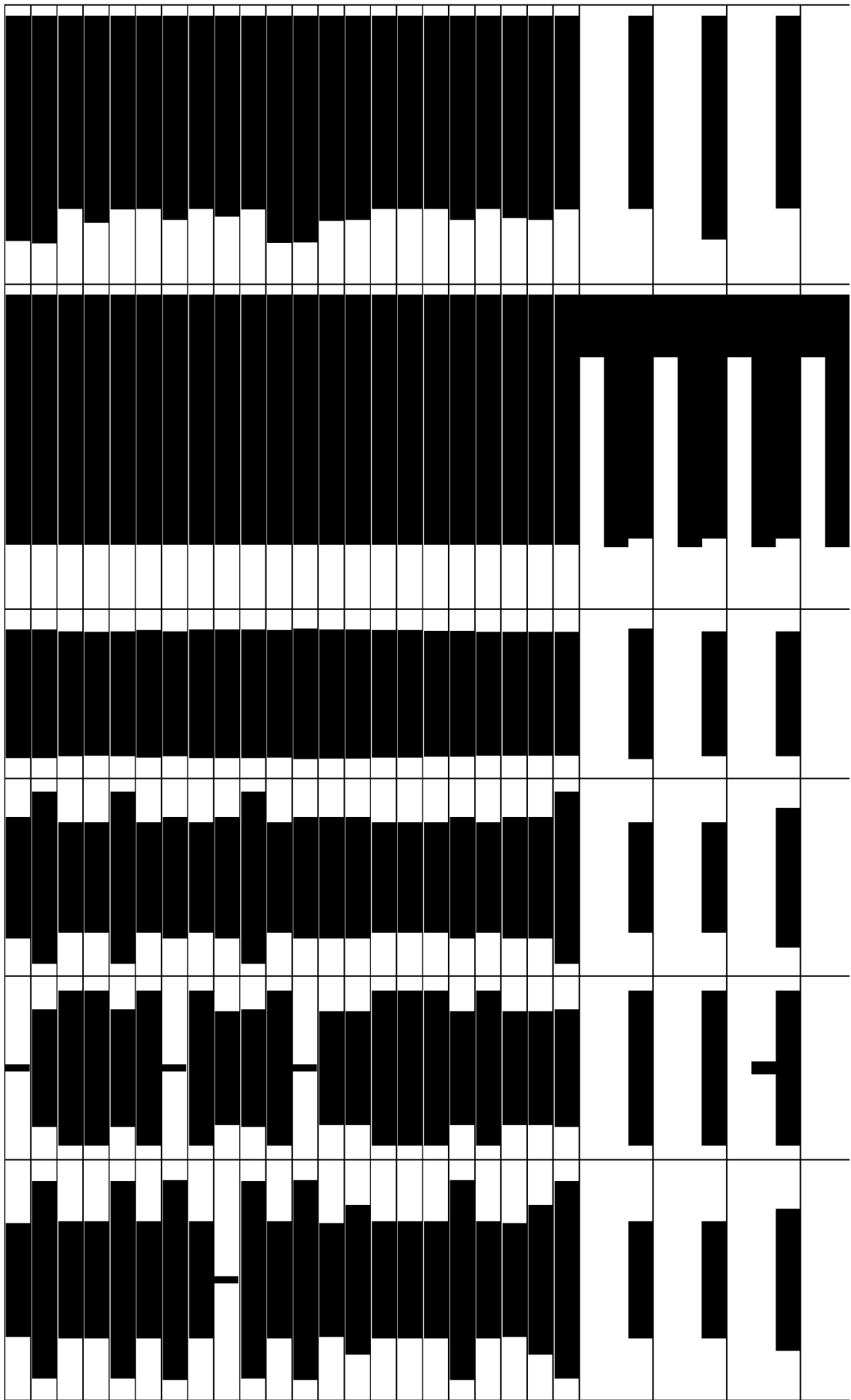


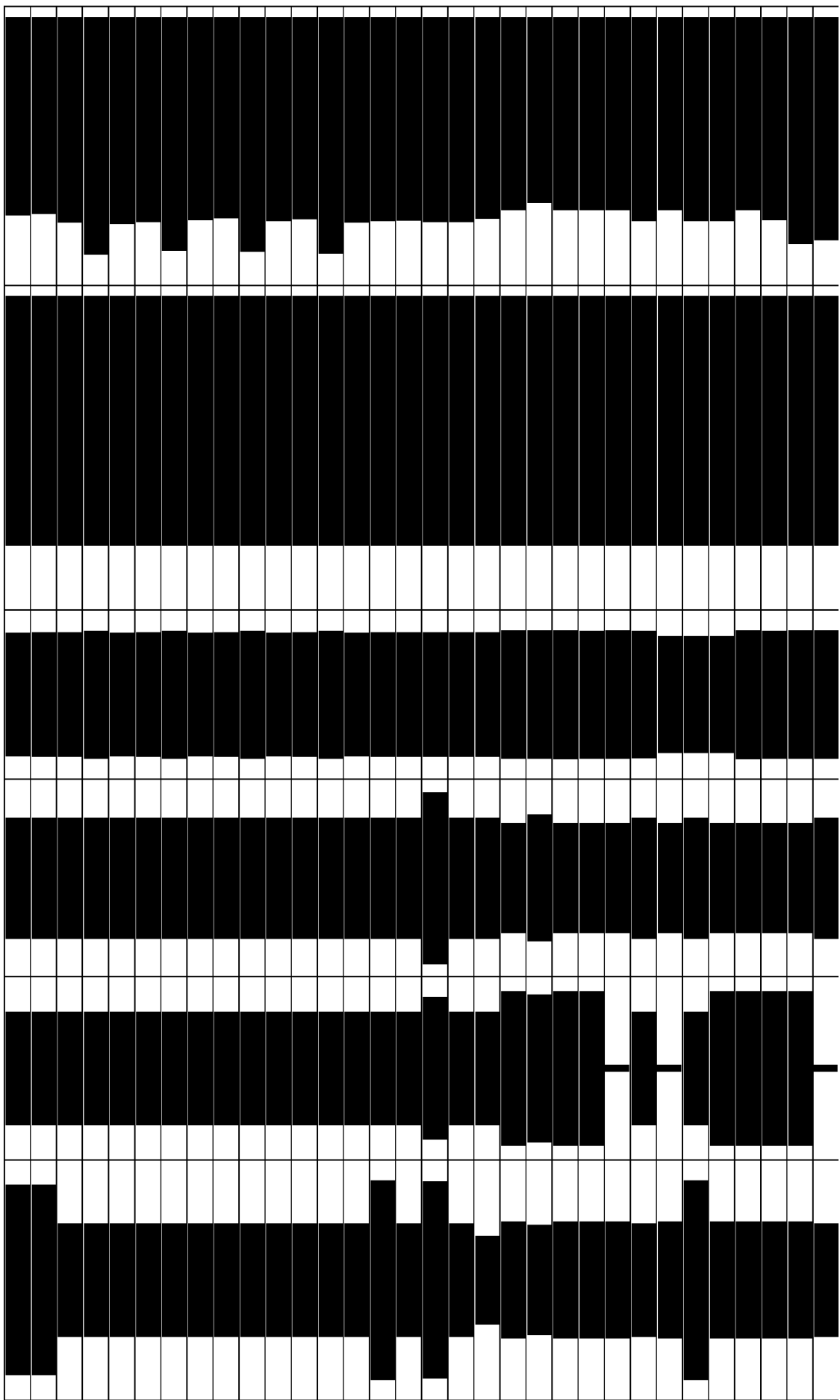






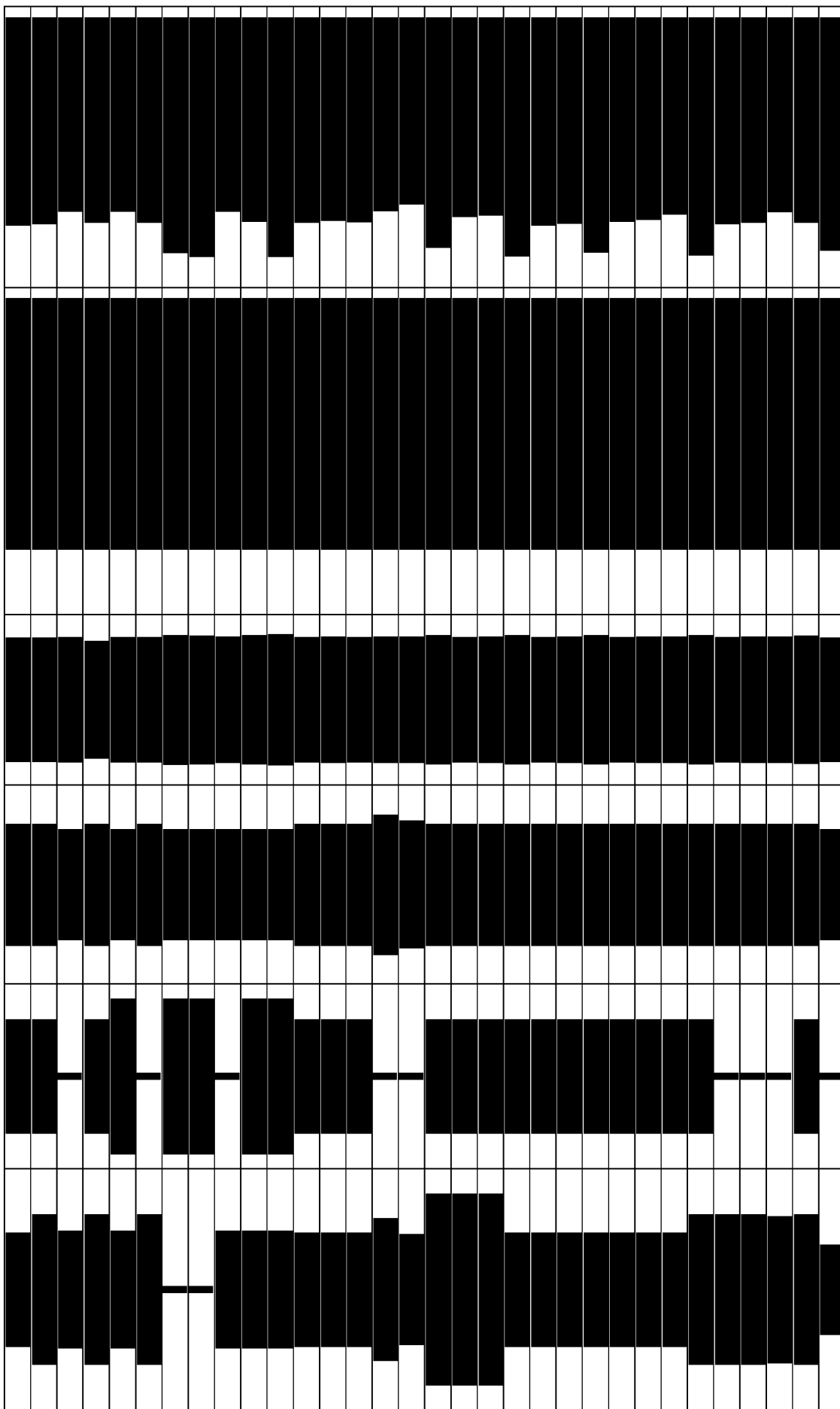




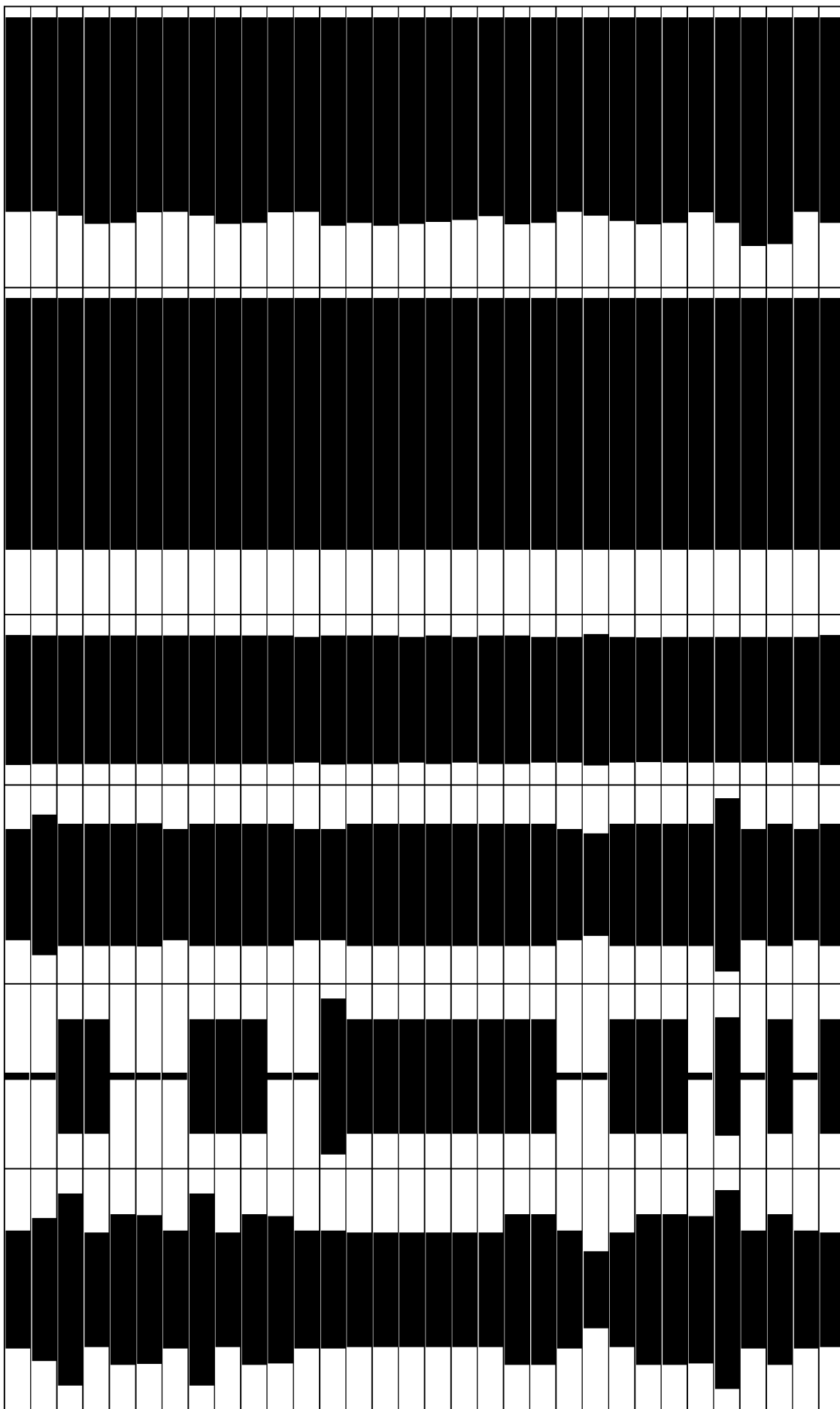


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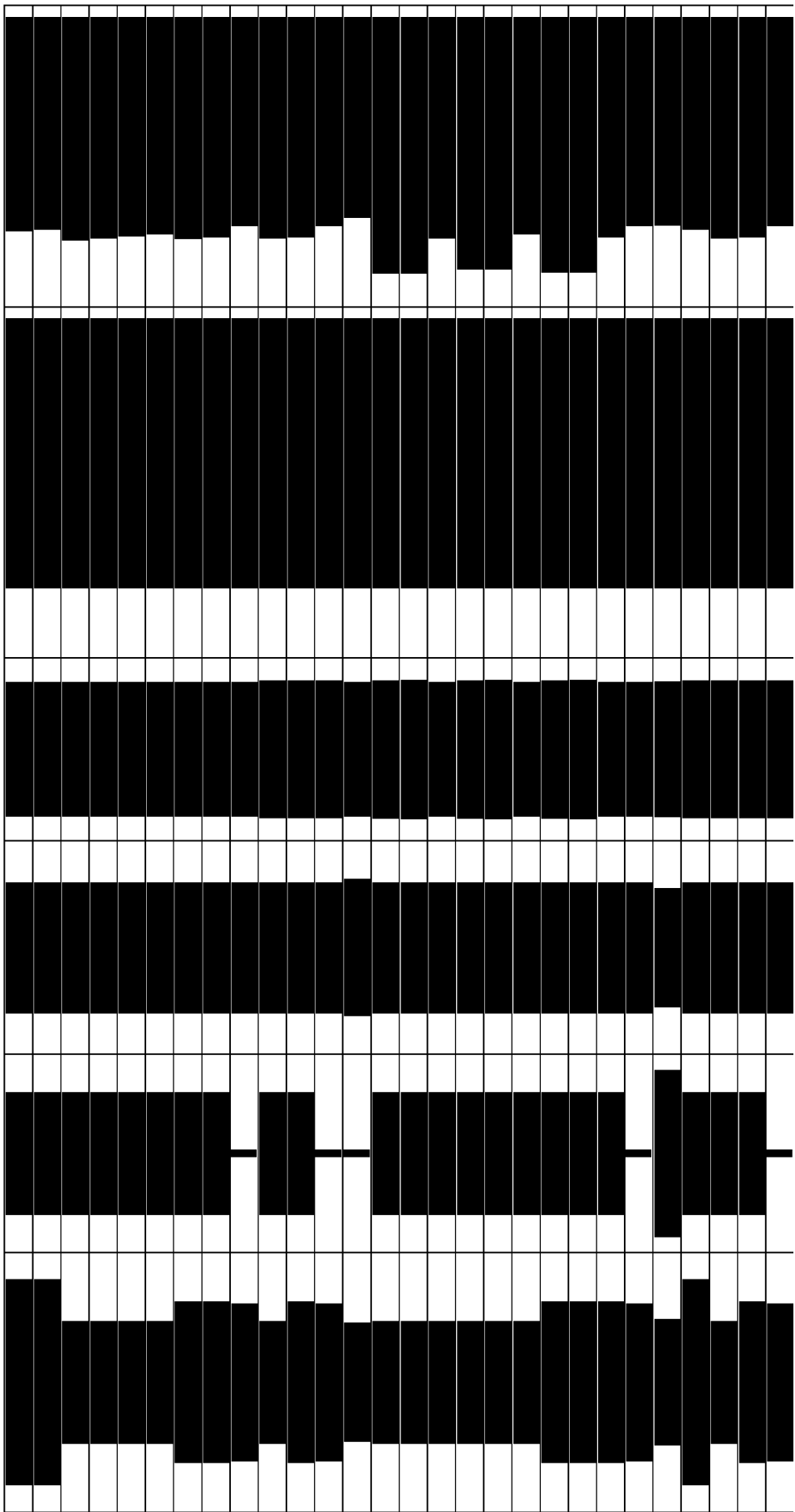


Exhibit B

Patent Assignment

WHEREAS, Sony Deutschland GmbH (“Assignor”), a German corporation having its registered address at Kemperplatz 1, 10785 Berlin, Germany, (hereinafter, “ASSIGNOR”), was as of the effective date of this Assignment the owner or joint owner of the patents and patent applications listed on Exhibit A made part hereof (collectively, “the Patents”) and the inventions disclosed and claimed therein; and

WHEREAS, SONY CORPORATION, a corporation organized and existing under and by virtue of the laws of Japan, having its principal place of business at 1-7-1 Konan Minato-ku, Tokyo, 108-0075, Japan, (hereinafter, “ASSIGNEE”), is desirous of acquiring all of ASSIGNOR’s right and title in the Patents:

For good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE, its successors, assigns and legal representatives, its entire right, title and interest in and to the Patents, for all countries, in and to any and all inventions and improvements which are disclosed in the Patents, in and to all divisionals, renewals, continuations, and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor’s certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all

divisionals, reissues, renewals and extensions thereof, and the right to sue in its own name to recover for past infringement of any of the Patents;

AND ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said inventions to the ASSIGNEE or to such nominees as it may designate;

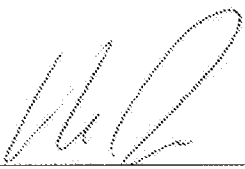
AND ASSIGNOR hereby authorizes and empowers ASSIGNEE or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us;

AND ASSIGNOR hereby covenants that it has the full right to convey the entire right, title and interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith;

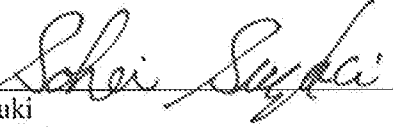
AND ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts

necessary or proper to aid ASSIGNEE or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

Signed for and on behalf of SONY DEUTSCHLAND GMBH.

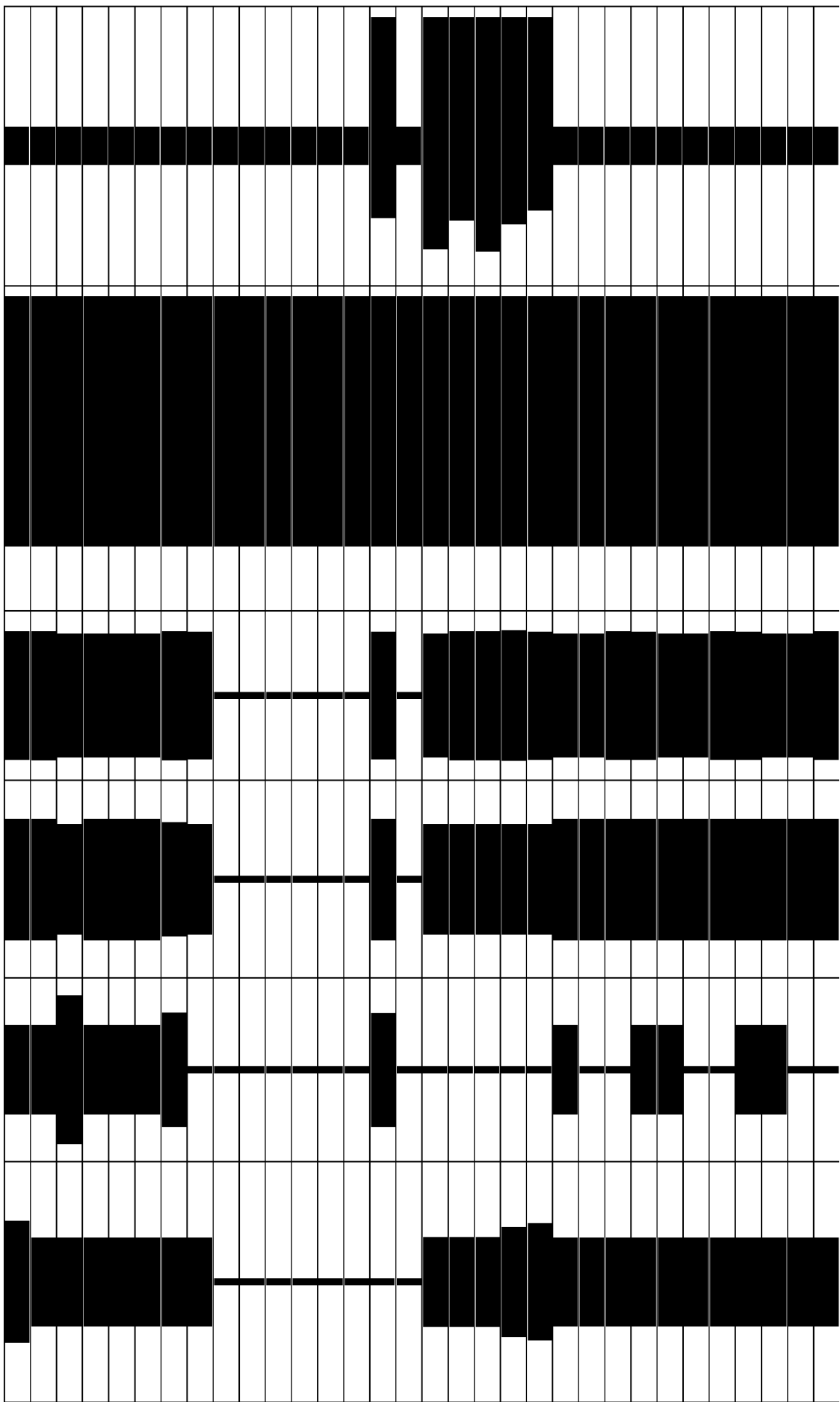
By:  DATED: 23.3., 2016.
Markus Zamkeller
Managing Director

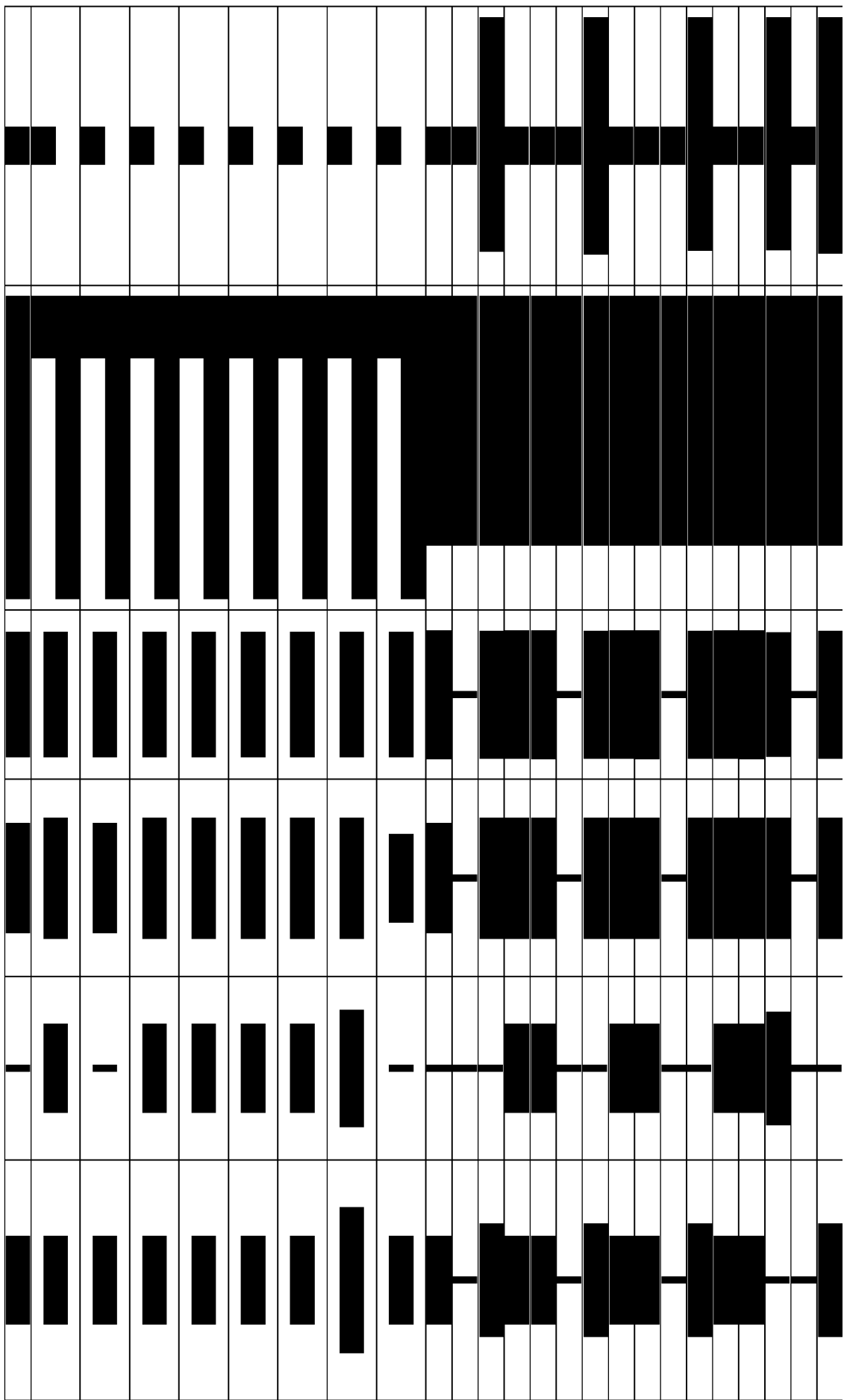
Signed for and on behalf of SONY CORPORATION

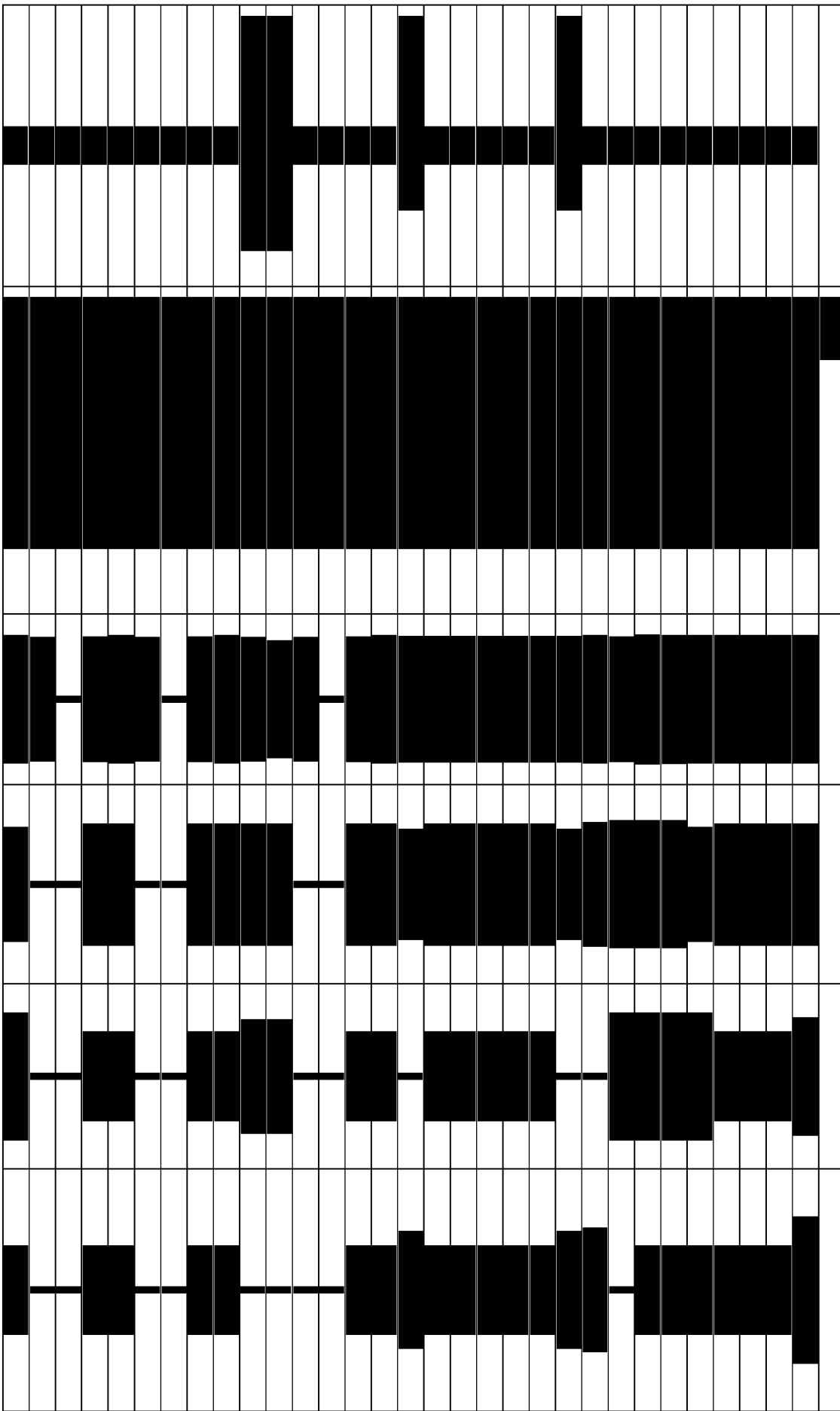
By:  DATED: March 23, 2016.
Sohei Suzuki
Senior General Manager
Intellectual Property Division

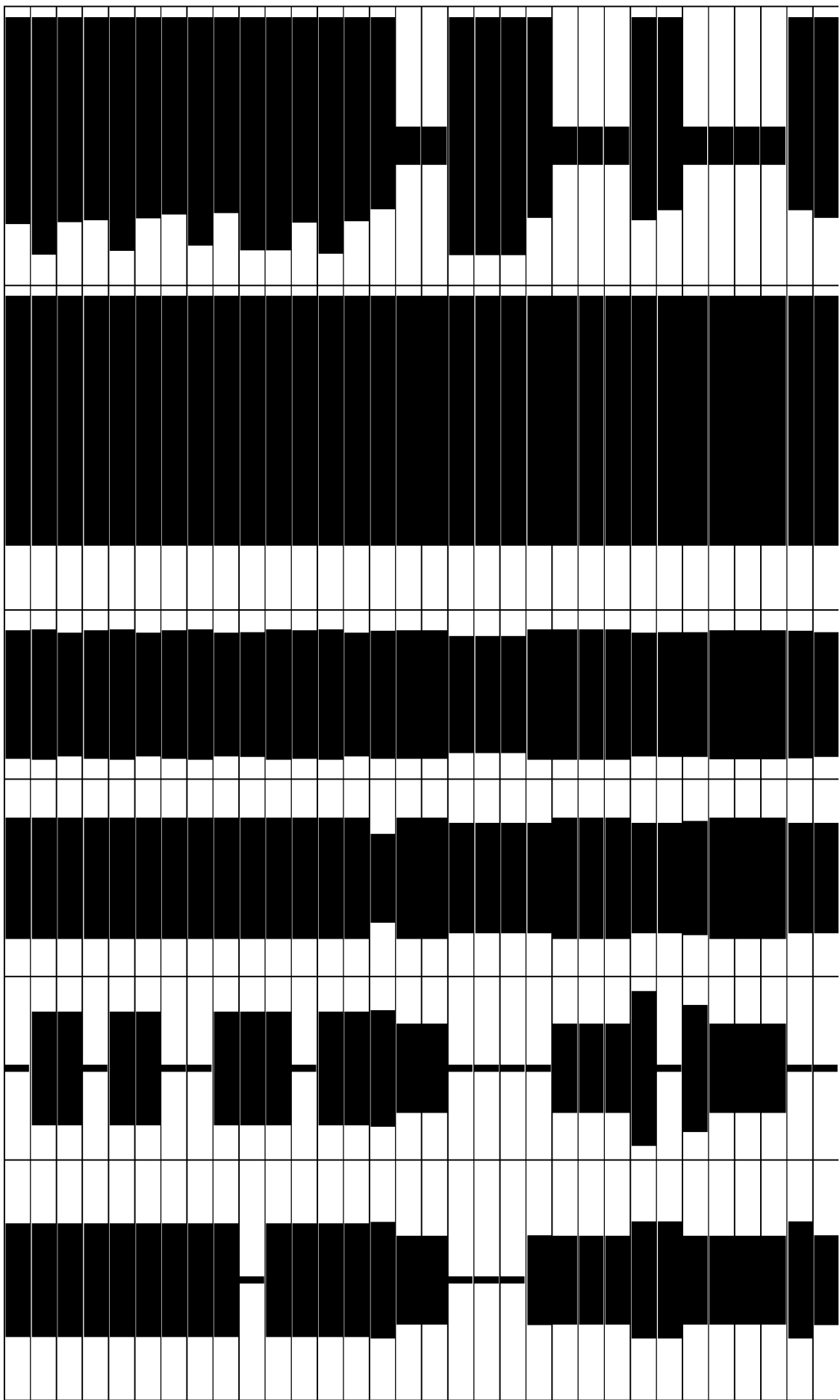
Sony Deutschland cases

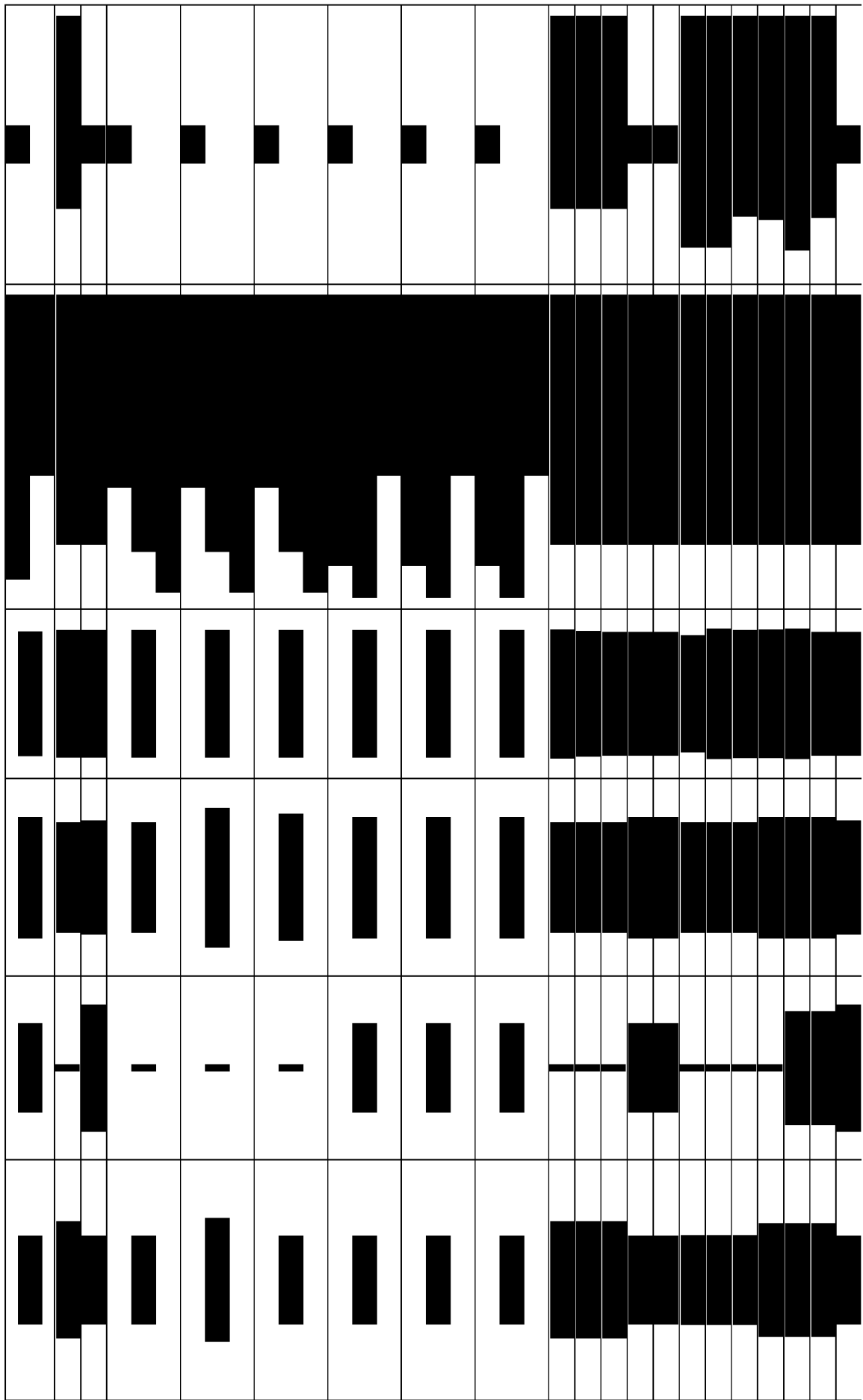
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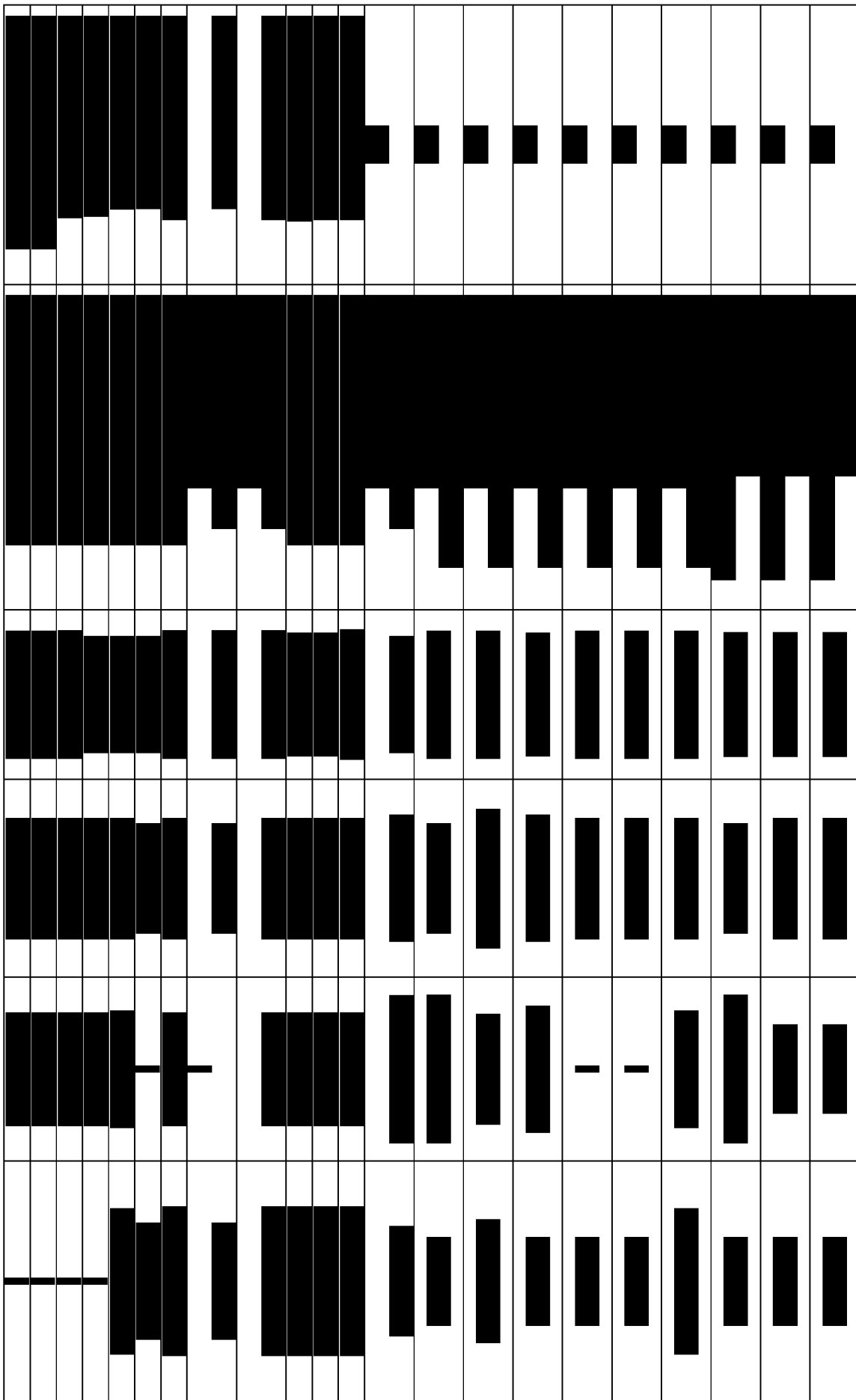


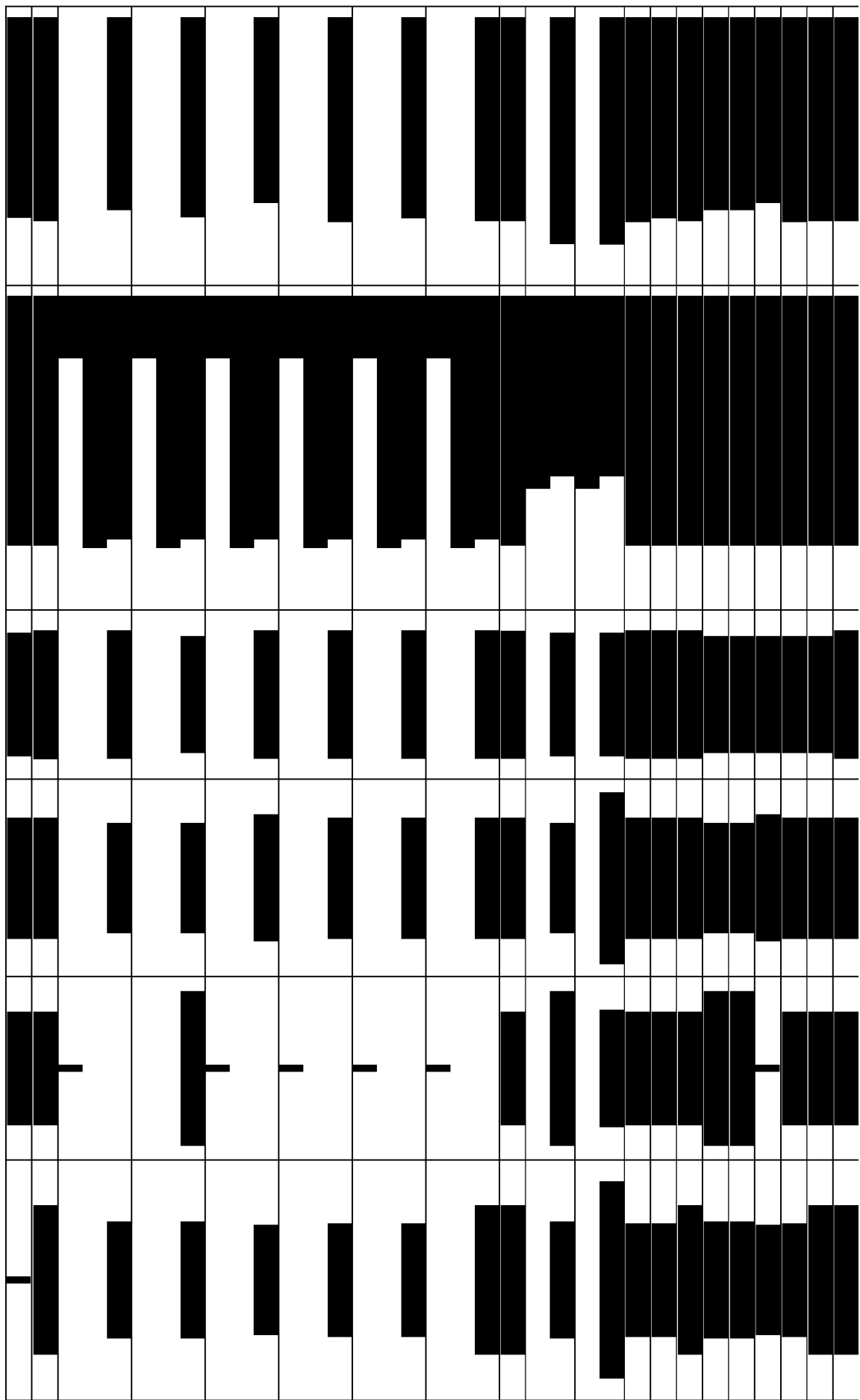




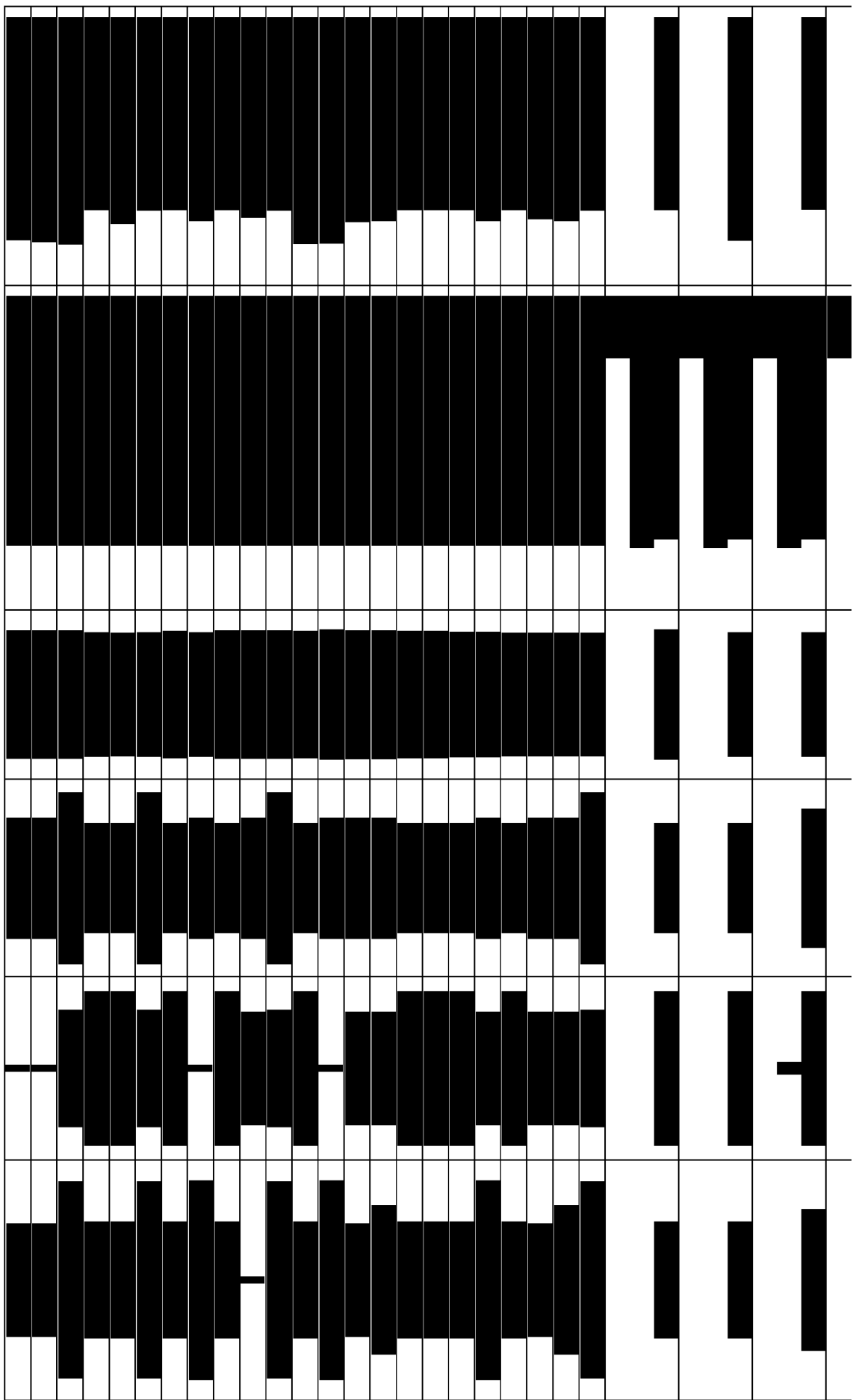


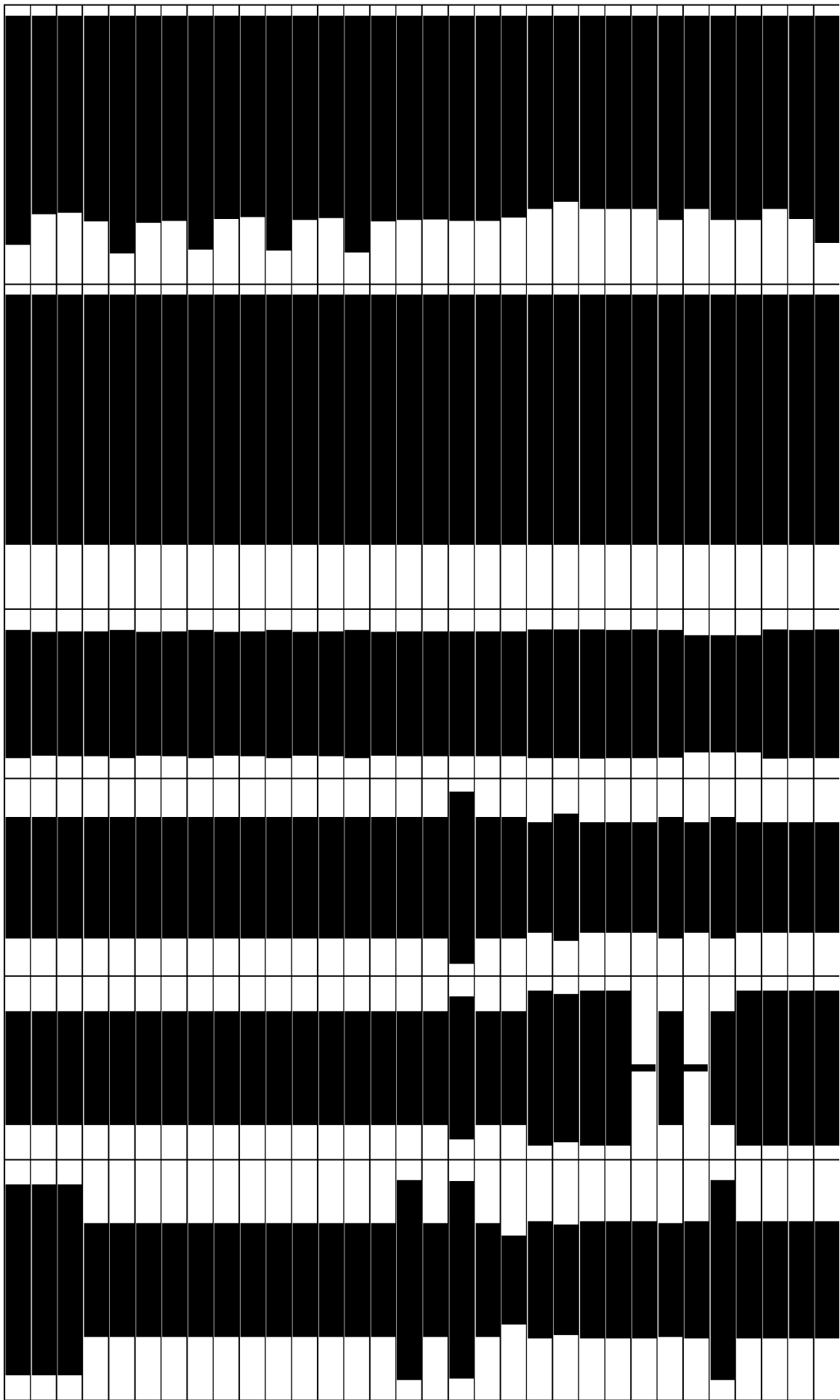






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