



(19) **UA** (11) **83 487** (13) **C2**
(51)iiE

ΙΕΙΕΝΟΑΘΝΟΑΙ ΙΑΘΑÇΙΑΙΕΒ È ΙΑΟΕÈ
ΟΕΘΑΕΙÙ

ΑΙΝΟΑΑΘΝΟΑΑΙΙÙΕ ΑΑΙΑΘΟΑΙΑΙΟ
ΕΙΟΑΕΕΑΕΟΟΑΕΥΙΙΕ ΝΙΑΝΟΑΑΙΙΝΟÈ

(12) **ΙΙΕΝΑΙΕΑ ÈÇΙΑΘΑΟΑΙΕΒ È ΙΑΟΑΙΟÓ ΟΕΘΑΕΙÙ**

(21), (22) Çà àèà: **a200510353, 24.02.2004**

(24) Άαòà ιà-àèà ààéñòàè ιàòàιòà: **25.07.2008**

(30) Ιòèιòèòàò: **10.04.2003 IT PCT/IT03/00223**

(46) Άαòà ιòάèèèàòèè: **25.07.2008** F24H 9/12

20080101CFI20080101RHUA F16L 27/00

20080101CLI20080101BHUA F24D 19/00

20080101CLI20080101RHUA

(86) Çà àèà ΔΝÒ:

PCT/IB2004/050139, 20040224

(72) Èçιαòàòàòàèù:

Άαòàιàιòà Δαòàγèù, IT

(73) Ιαòàιòιàèààèàò:

Αίòòè Αεάòàιàòι, IT,

Εάάάα Άεαίιùάòι, IT,

Άαòàιàιòà Δαòàγèù, IT

(54) **ΑΕΑΘΑΑΕΕ×ΑΝΕΙΑ ΝΙΑΑΕΙΕΟΑΕΥΙΙΑ ΘΑΔΙΕΘΙΑ ΟΝΟΘΙΕΝΟΑΙ È ΑΑΙ ΙΘΕΙΑΙΑΙΕΑ Ν ΘΑΑΕΑΟΙΘΙΙ**

(57) Δαòàòàò:

Άεάòààèè-αñèíà ñíààèιèòàèùííà θàðιèðííà
óñòðιéñòàí (1) èιáàò ιàðò θàðιèðííùð ñíààèιèòàèèé
(2). Ιíñèááιèà ñíáàðèòàò θàðιèðííùà ýèáιáιòù (5, 6),
èιòιðùà àùííèíáιù ñ áιçιæííñòùð ñáιðèè è èιáðò
àèáðààèè-αñèèé èáιáè (7, 8). Ά èáιáèà αñòù ñááèí
(9, 10) íñè ñ òðóá-àðíé íñùð (14), áιòòðè èιòιðíé
íàðíàèòñ àèáðààèè-αñèèé èáιáè (21). Ιí
íàðáçιíáùááò àèáðààèè-αñèòð ñá çù ιáæáó
ñíààèιèòàèùííùè áíáçáàìè (11, 12). Νááèí (22)
èèáíáíà ðàñííèíæáíí ιà íáíí èç èííòíà òðóá-àðíé íñè
(14). Ιáðáèðùááðùéé ýèáιáιò (23) ðàñííèíæáíí á
ιòááðñòèè (24) á íáíí (5) èç ιáçááιíùð θàðιèðííùð
ýèáιáιòíà (5, 6). Ιá èáæáíí θàðιèðííí ñíààèιèòàèè
(2) αñòù θòóáð (29). Ιí ιðíòíàèò èç

ñíòááòñòáóðùááí ñíáàèιèòàèùííáí áíáçáà (11) è
íáñááí-ííé -αñòè (30), àùííèíáííé ñ áιçιæííñòùð
ιðèáíà ιáçááιíùð òðóáííðíáííà (4) ñèñòáιù
áíáííááæáíé , èιòιðùà ιðíòíà ò áιóòù èèáàèè.
Ιðááòñíιòðáíí èñííèùçιááιèà àèáðààèè-αñèíáí
ñíààèιèòàèùííáí θàðιèðííáí óñòðιéñòáà (1) á
ñí-αòáιèè ñ ðáàèàòιðíí.

Ιòèòèàèùíúé áðèáòáιù "Ιðííùθèáííà
ñíáñòááííñòù". Èíèáà 1 "Èçιαðáòáíè , ííèáçιíùà
ííááèè, òííáðáòèè èιòáðèàèùíùð ιèèðíñòáí", 2008, N
14, 25.07.2008. Άíñòááðñòááιíúé ááíàðòáιáιò
èιòáèèáèòòàèùííé ñíáñòááííñòè ιèíèòáðñòáà
íàðáçιááíè è ιáóèè Óèðáèíù.



(19) **UA** ⁽¹¹⁾ **83 487** ⁽¹³⁾ **C2**
(51) Int. Cl.

MINISTRY OF EDUCATION AND SCIENCE OF
UKRAINE
STATE DEPARTMENT OF INTELLECTUAL
PROPERTY

(12) **DESCRIPTION OF PATENT OF UKRAINE FOR INVENTION**

(21), (22) Application: **a200510353, 24.02.2004**

(24) Effective date for property rights: **25.07.2008**

(30) Priority: **10.04.2003 IT PCT/IT03/00223**

(46) Publication date: **25.07.2008** F24H 9/12

20080101CFI20080101RHUA F16L 27/00

20080101CLI20080101BHUA F24D 19/00

20080101CLI20080101RHUA

(86) PCT application:

PCT/IB2004/050139, 20040224

(72) Inventor:

BERGAMANTE, Raffaele, IT

(73) Proprietor:

BOZZI, Alejandro, IT,

LEDDA, Giampiero, IT,

BERGAMANTE, Raffaele, IT

(54) **HYDRAULIC JOINT ARTICULATED DEVICE AND USE THEREOF WITH A HEAT RADIATOR**

(57) Abstract:

A hydraulic joint articulated device (1) effectively supports a radiator allowing a remarkable freedom of motion and has a pair of articulated connectors (2), each comprising: hinge members (5, 6) apt to be assembled and comprising a respective hydraulic channel (7, 8), in which there is obtained a pin seat (9, 10) with a tubular pin (14) having a respective hydraulic channel (21) forming a hydraulic joint extending between the respective connector seats (11, 12); and a valve seat (22) at one end of said tubular pin (14), and a respective shutter member (23) located in an opening

(24) obtained in one (5) of said hinge members (5, 6), further comprising, at each articulated connector (2), a tubular duct (29) extending from the respective connector seat (11) to a mouthpiece section (30) apt to receive a waterworks piping (4), extending inside a masonry.

Official bulletin "Industrial property". Book 1 "Inventions, utility models, topographies of integrated circuits", 2008, N 14, 25.07.2008. State Department of Intellectual Property of the Ministry of Education and Science of Ukraine.



(19) **UA** (11) **83 487** (13) **C2**
(51)iiE

IPHNOADPHOAI INAHOE 2 IAHOEE OEDATIE

AADEAAIEE AAIADOAIAIO
IOAEAEEOAEUII AEANIINO

(12) **IIEN AEIAOIAO AI IAOAIOO OEDATIE**

(21), (22) Aai PHOPIAI CHA AEE:

a200510353, 24.02.2004

(24) AAOA IAHOEO +EIIHO: **25.07.2008**

(30) Aai PHOPIAI IOHOEOAO AAIHAI AI IAOEYUUI
EIIAIO: **10.04.2003 IT PCT/IT03/00223**

(46) IOAEHO AAIHIOAE IO AEAAO IAOAIO

(AAEHOAOEIIAI IAOAIO): **25.07.2008** F24H 9/12

20080101CFI20080101RHUA F16L 27/00

20080101CLI20080101BHUA F24D 19/00

20080101CLI20080101RHUA

(86) IIAO OA AAOA IIAAI IOAIOAI CHA AEE AAIHAI
AI AIAIOO DHO:

PCT/IB2004/050139, 20040224

(72) AEIAHOAE(E):

AAOAIIOA DAOAUE, IT

(73) AEANIIE(E):

AIHO AEAOIAOI, IT,

EAAA AEAIHO, IT,

AAOAIIOA DAOAUE, IT

(54) **AEADAE*IEE CHAIOAAEUIIE OADIDIE IDENODE OA EIAI CHANOINOAAIB CHA AOIOI**

(57) DAOAO:

AAOAAE+IEE CHAIOAAEUIIE OADIDIE IDENODE
(1) IA IAO OADIDIE CHAIOAA+A (2). IHOAI
IOHO OU OADIDIE AEIAIOE (5, 6), E AEIIAI CH
IIAEEOHOP KEAAAI OA IAPOU AAOAAE+IEE EIAE (7,
8). O EIAE O HAEI (9, 10) IH CH ODOA+AHOI AHOP
(14), AHAAE EI O AAOAAE+IEE EIAE (21). AI
OOAIOP AAOAAE+IEE CHA CH IE IOE CHAIOAAEUIIE
AIHAE (11, 12). NAEI (22) EEIAIA OIOAOIAIA IA
IAIIO CH IOOA ODOA+AHOI IH (14). IAOEEOAAEUIIE

AEIAIO (23) OIOAOIAIEE O IOAI (24) O IAIIO (5)
CH CHAAAE O OADIDIE AEIAIOA (5, 6). IA EIIAI
OADIDIE CHAIOAA+ (2) O ODOAO (29). AI
IOHO AAOOU CH AAIHAI CHAIOAAEUIAI AIHAE
(11) AI IAHAAEAI +AHOE (30), AEIIAI CH
IIAEEOHOP IDIEIAI AEUAACHAAAE ODOAIIOIAIA (4)
KEHOAE AIAIHOA+AI, E IOHO AAPOU OHAAEIO
IODOAAI. IAOAA+AI AEIOEHOAI AAOAAE+IAI
CHAIOAAEUIAI OADIDIE IDENODE (1) O IOAI CH
OAAOIOI.

UVA 8348; C2

65

10

15

30

25

50

35

40

45

50

—

65

* Ô³ã.5Â, Ô³ã.5Â àà Ô³ã.5Ñ àe pòu nĩáíp àeàè ó òòuĩò ìðíàèò³ ò ìðèñòòìp, çíàðàæaĩfĩ ìà Ô³ã.1, àñòaĩfĩæaĩfĩ ìà òàà³àòìð³;

* Ô3.6 òà Ô3.7 àë þòù ãíáíþ ááíáíáíáí àëá ò íáðííáëðèá3 ç í3òááàèè ðíçð3çàè òà ðíçð3ç áëáíáíð3á èíííðððèð3ç, áàð3áíðà çá3éííáí, çíáðáæáííáí íá ííáðááíð3 ð3ðððáð;

* Ô³ã.8 âê ° ñiálp âèà ó iãõñiãèòèâ³ äöõãĩãĩ âäö³áiòà çã³éníáíí iðèñòõlp çà âèiàõĩãĩ;

* $\hat{O}^{3\tilde{a}.9}$ $\hat{a}\hat{e}^0$ $\hat{n}\hat{i}\hat{a}\hat{i}\hat{p}$ $\hat{a}\hat{e}\hat{a}$, $\hat{c}\hat{i}\hat{a}\hat{o}\hat{a}\hat{e}\hat{a}\hat{i}\hat{e}\hat{e}$ $\hat{i}\hat{a}$ $\hat{i}\hat{i}\hat{i}\hat{a}\hat{o}\hat{a}\hat{i}\hat{e}$ $\hat{o}^{3\tilde{a}\hat{o}\hat{o}^3}$ $\hat{o}$ $\hat{o}\hat{i}\hat{c}\hat{o}^{3\hat{c}^3}$;

* $\hat{O}^3 \tilde{a}.9\tilde{A}$ æ ° ñíálp âèà ó ìaõñiâèòèâ³ ìáííâi ç êíñòòóèèèâíèõ âèàíáíò³â âàõ³áíòà çã³éñíáíí , çíáòàæáííâi íà $\hat{O}^3 \tilde{a}.8$;

* Ô³ă.10 òà Ô³ă.11 âē pòù ñîáîp â³ăîîâ³ăîî âēà çáîēó ó ôîçô³ç³ òà âēà ó îăôñîâēòēâ³ âñòàííâēăíâîî íà î³ñôă

çàñòîñóâàíí ìðèñòðîð, çîáðàæáíâî íà

* O³ā.12 à O³ā.13 æ þouŋ ŋiāŋp āāiāiāi āēā čāŋēō ó ŋičō³č³ à āēā ó iāōŋiāēāēā³ āŋōāiāēāiāi iā i³ŋōā čāŋōŋiōāāi oōāōūāi āāō³āōā čā³ēŋiāi iōēŋōōŋp čā āēiāōiāi.

Ia Ōʻā.1-5N āʻāāāāʻ+īēē ʻōʻāāāāēūīēē ʻāāʻīēē īēēōōēē ʻāāāēī īīīā+āīēē īīēēō³⁰p 1. Ōāē āāōʻāō ʻāʻēīīāī, ʻīēēōāā, āēā īā āēēēp+īī, īēēēā+āīēē āē ʻāīōīīōāāī ā āāēōʻ ōāʻāōīōʻ ā īāōīp ʻāāāīā+āī īīāōōāī īīōāīō īāāēīēī īīʻ X, ūī āēīā+āōōūī ōēīē āʻāāāʻ+īēēē ʻōʻāīāī īē īāē ōāʻāōīōī ōā īēēōāīīp āīāīīōā+āī .

Ó öüüío âàð³aìò³ çä³éñíáíí ç¹aíóâà÷³ iðäòppòü ê ïïðí³ i³ââ³ñêè, íá¹aíáí³ ç ä³äðäâè³÷íèè ç¹aíáíí ìè.

[illegible][illegible][illegible]

Ó òùííò ààð³áíò³ ç³á³éíáíí íàð³èè èàð³³èè àèáíáíò 5 àè ° ííáíþ íàð³òííèè àèáíáíò, íðè°áíáíèè áí íèèòòáìè áíáííííòò-áíí , à àðòáèè èàð³³èè àèáíáíò 6 àè ° ííáíþ ð³òííèè àáí ííáíðìòíèè àèáíáíò, íðè°áíáíèè áí ðàà³àòìðà 3 (Ó³á.5Â, Ó³á.5Â, Ó³á.5Ñ).

[illegible]

Êð³ òàíí, êíæíèè ðàð³ðíèè àèàíàò 5, 6 àèèþ-à° à íááá à³àíà³àíá íàððà òà àðððáà ç°àíóáàèèó³ à³çàà 11, 12, è³ òàèíæ à³àèðèè³ ó çáààà³ à³àðààè³-í³ ààíàèè 7, 8, àè íðè°àíàíí ðàð³ðííàí ç°àíóáà-à 2 àí ðòòòàðà, ùí áóáá íèíèàí ààè³ (Ô³ä.3.Á òà Ô³ä.4).

Ààà àíçàà 9, 10 ññ àèéìáí ó àèàè á àòóèí, òíçòàðíàí íàí íààíòíòè ãíøí, òà áãàíèòàíèáí àíòèòèòèòéíþ
øàéáþ 13, èà çà ààòáíòí, éíò áãààòòù íàðàààð, àèáíòàèáíà ç íàéííò àáf àòèííò®.

Ḑḥḥḥḥḥ + 2 ḥḥḥ ḥḥḥ ḥḥḥ-ḥḥ ḥ ḥḥḥḥ ḥḥḥḥḥḥḥ ḥḥḥḥḥḥḥ ḥḥḥḥḥḥḥ ḥḥḥḥḥḥ ḥḥḥḥḥḥḥ, ḥḥ ḥḥḥḥḥḥḥḥḥ ḥ ḥḥḥḥḥḥḥ ḥḥḥḥḥḥ 9, 10 ḥḥ ḥḥ ḥḥḥḥḥḥ ḥḥḥḥḥḥḥ ḥḥḥḥḥḥḥ 5, 6 ḥ ḥḥḥḥḥḥḥḥ ḥḥḥḥḥḥḥḥ .

[illegible]

Çäâäääiä öððä+äñðä ä³ñü iä° öä äëçia+aiä çñiäðääëiä ä³äñä³äiäiä ä³äðääë³+ieiä ëaiäëñ 21 ñ³, ëëë ðäçñi ç ä³äðääë³+ieiä ëaiäëäiä 7, 8 çäâääiäëð iäðñiäñiä öä äððäñiäñiä ðäð³ð³iäëð äëaiäið³ä 5, 6 ööäñið³ ä³äðääë³+iëë çai çñi i³æ ä³äñä³äiäiä ç°äñiðääëñiäiä äñçäiä 11, 12.

Ñe'a çaçíà+èòè, úí ãàðàãe+íeé éaiàé ò³¸ ñ³ ò ñíããñíéí ³ç ãññþ é òàéíþ. Óíðíà çãããííãí ãàðàãe+ííãí ç³ãíãí çàèèøàòòþñ íãç³ííþ íãðòú íðé ç³íþãáí³ éòòà í³æ øðð³ðíéíè àéaiáíòàíè 5, 6, à ñàìà ç³íþãáíí íà íðéçáíàèòú áí ñòòòáííãí çáéüøáíí àáí çíaiøáíí àòðàò íàãáíòàæáíí, íðéòàíáííèð øðð³ðííò ç³ãíòáà+ò 2.

[illegible]

Çààà èè òíð¹¹ Ìàðòíàí à¹àðààè¹¹íàí èàíàèò 7 òà à¹àíà¹àíàí à¹çàà 9 Ì³, Ìèííèè òàíèíííè³è Ìðíðèàèò +àðàç çààààíà Ì³àèí 22 èèàíàíà.

[illegible]

lãðãêðèààèüíèè àèàíàíò 23 òàèíæ àà ð³cü òà ° ïï ñóò³ òèè³íäðè-íèì. Â³í àà ðããóèþãààèüíó äíèíâèó 25 c³ øè³òíì,

[illegible][illegible][illegible]

Ôîðìóëà âèíàõîäó

1. $\tilde{A}^3\tilde{a}\tilde{o}\tilde{a}\tilde{a}\tilde{e}^3+\tilde{f}\tilde{e}\tilde{e}$ $\zeta^0\tilde{a}\tilde{f}\tilde{o}\tilde{a}\tilde{a}\tilde{e}\tilde{u}\tilde{f}\tilde{e}\tilde{e}$ $\tilde{o}\tilde{a}\tilde{d}\tilde{i}^3\tilde{d}\tilde{f}\tilde{e}\tilde{e}$ $\tilde{i}\tilde{d}\tilde{e}\tilde{h}\tilde{o}\tilde{d}^3\tilde{e}$ (1), $\tilde{u}\tilde{f}$ $\tilde{i}\tilde{a}^0$ $\tilde{i}\tilde{a}\tilde{d}\tilde{o}$ $\tilde{o}\tilde{a}\tilde{d}\tilde{i}^3\tilde{d}\tilde{f}\tilde{e}\tilde{o}$ $\zeta^0\tilde{a}\tilde{f}\tilde{o}\tilde{a}\tilde{a}^+3\tilde{a}$ (2), $\tilde{e}\tilde{f}\tilde{a}\tilde{e}\tilde{a}\tilde{f}$ ζ $\tilde{e}\tilde{e}\tilde{o}$ $\tilde{a}\tilde{e}\tilde{e}\tilde{p}^+\tilde{a}^0$
 $\tilde{a}$ $\tilde{n}\tilde{a}\tilde{a}\tilde{a}$:

- ነፃነትና ሰላም ማስጠበቅ (5) ስለ ማስጠበቅ ሰላም (6), ልማትና ሰላም ማስጠበቅ (7, 8), ልማትና ሰላም ማስጠበቅ (9, 10) ስለ ልማትና ሰላም ማስጠበቅ (11, 12) ስለ ልማትና ሰላም ማስጠበቅ

- òòóá+àñòò áññù (14), uí là' ã³áíá³áíèè ã³àðàáè³+íèè èáíàè (21) íñ³, èèè ðàçíí ³ç ã³àðàáè³+íèè èáíàèáíè (7, 8) çááááíèð íàðñíáí òà ãðòáíáí ðáðí³ðíèð áèáíáíòà (5, 6) òòáíðòò, ã³àðàáè³+íèè çá' çíè í³æ á³áíá³áíèè ç³áíóááèùíèè áí³çááíè (11, 12),

- ንኣብ (22) ይኣለብኦ ኣልኣኦ ና ንኣብ (14) ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ (23), ኣልኣኦ ኣልኣኦ (24), ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ (5, 6) ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ (23) ኣልኣኦ ኣልኣኦ (22) ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ ኣልኣኦ (23),

- ከዕቅዱ (29) ሰጠው ዕቅድ (2)፣ ሆኖም ለግሪክ አገልግሎት (11) ለገንዘብ አገልግሎት (30)፣ ለግሪክ አገልግሎት ለግሪክ አገልግሎት ለግሪክ አገልግሎት (4) ለግሪክ አገልግሎት ለግሪክ አገልግሎት፣ ሆኖም ለግሪክ አገልግሎት ለግሪክ አገልግሎት፣

- çàñíàé êð³íëáíí àí ñò³íé íà êíæíííò øàðí³ðíííò ç¹áíóâà+³ (2) òà â³äííâ³áíííò øòóóâð³ (29),

[illegible]

2. Ȫēñōōē çà ĩ. 1, ēēē **ā°ā°çī °ōūñ** òēĭ, ũĭ āēāĭāēāĭēē ēĭđĭā°āñōēē āēāĭāĭō (31) āēēp°ā° ā ĩāāā ō°ēñāōĭđē (34), āēēĭāĭ° ó ā°°ĭēđ ĩō°ĭēāō.

[illegible]

4. Iðeñoð³e ça i. 3, èèè **áàð³açí °òuñ** òèì, uí ièañoðèì+añò³ çàñíàè èð³ièaíí àèèþ+àþòù á ñààà iàèèààèò (40), iàñàààèaíò ià øòòòàð (29) á³è èíàíáíí °ç çàò áóààèùíèð àèàíáíò³à (39).

[illegible]

6. Դժեհո՞ժէ չա՞ր. 5, շէ՛ք **ա՞սծ՞ցի օ՞սն** ձե՛լ, մի շա՛սա՛սիւ՛ք հո՛սԺե-իւ՛ք հա՛նօ՛րձ և՞՞ ձօ՛ն ճի՛ցԺե՛ն 90°-՝ չ՝ ևի՛ննա՞հո՛ք ճի՛ս 180°:

7. Ìdèfòòṣè ǵà áóáú- èèì ³ǵ Ìíàððáí²ò Ìóíèò²á, èèè á²á²²ǵí °òùí òèì, ùí ǵááááí² áí²ǵáá (9, 10) Ìí² òíǵòàðíááí² Ìáíá Ìááí²òèè Ìáííáí òà Á²áíèðáíèáí² áìòèòðèèò²éííð ²áééáíð (13).

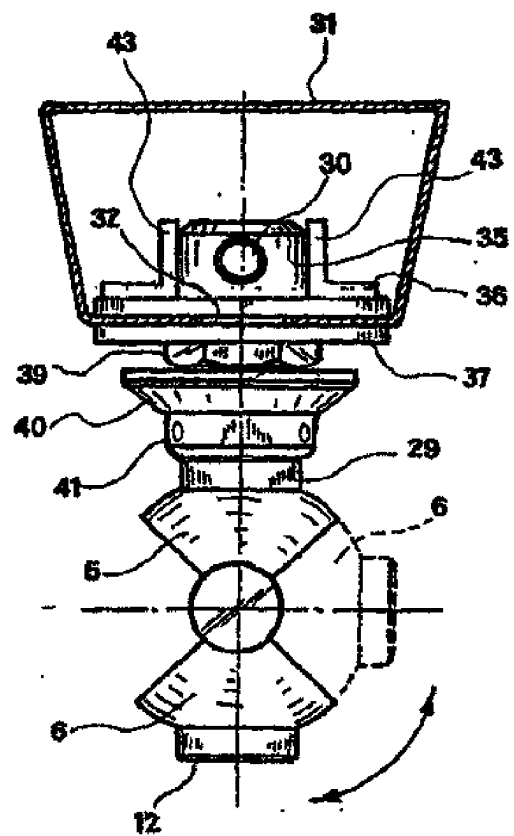
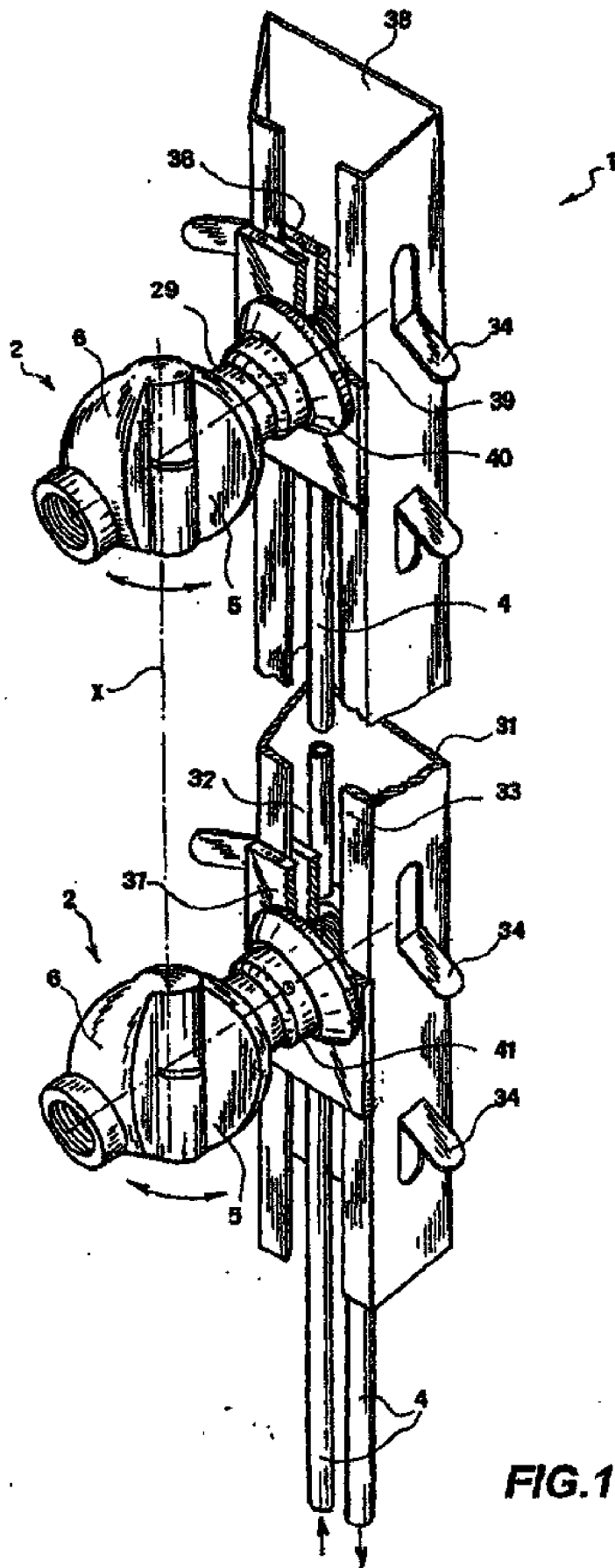
8. ስድስቱን ርዳ ልሳሁ- ይህ ማለታቸውን ማሳሰቢያ, ይህ **አዳዲስ ዕቅድ** ከሀገር, ህገ ስድስት-አባል አገር (14) እና ስህተቶች (15) ስለሚኖሩት ርዳዎች ስድስቱን ርዳዎች, ለማሳሰቢያው ርዳዎች አገልግሎት ርዳዎችን (20).

[illegible]

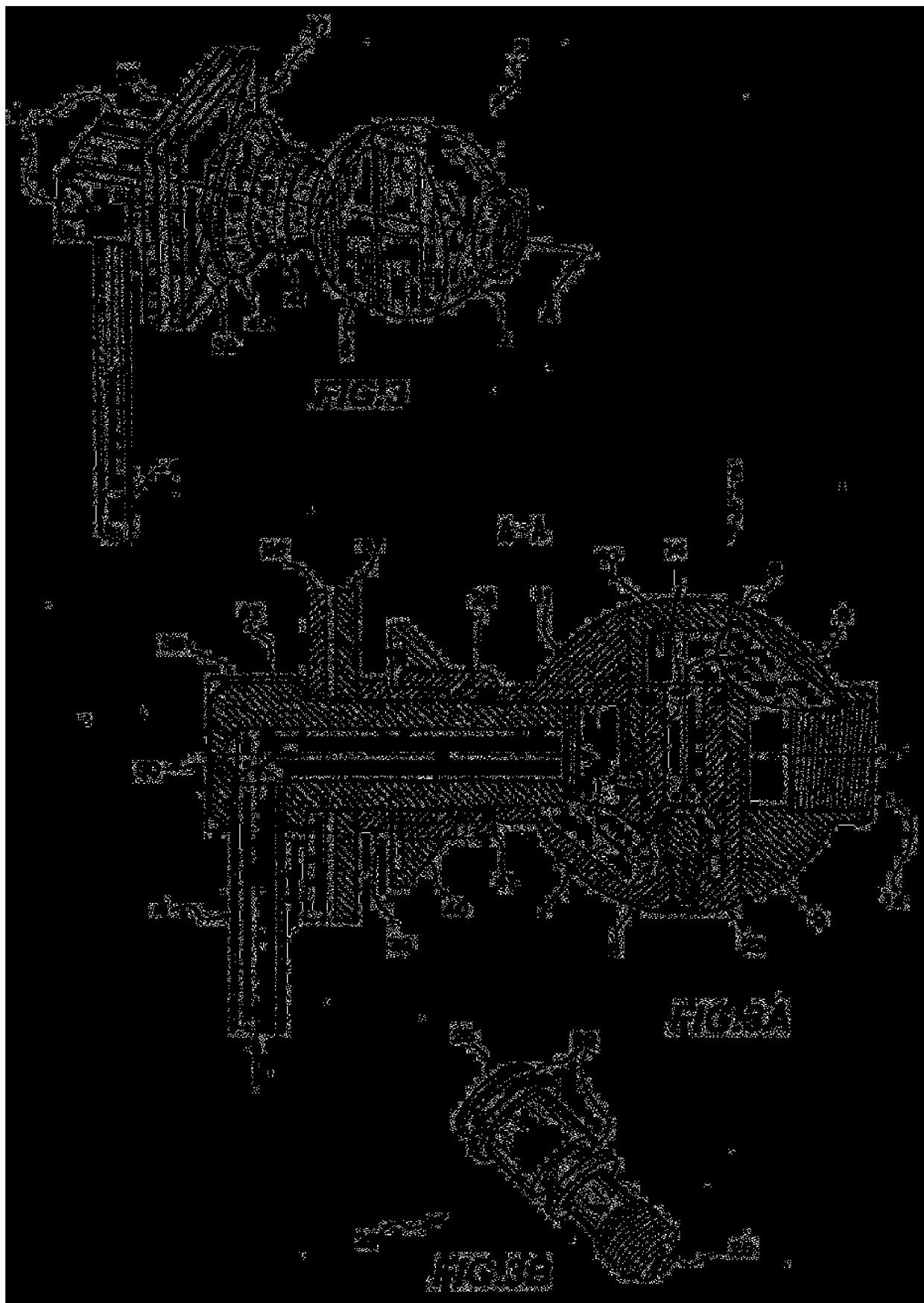
10. ስድስቱንም ሕይወት ስለሰጡት ምስጋና ስለሰጡት ምስጋና ስለሰጡት ምስጋና ስለሰጡት ምስጋና (21) ምስጋና ስለሰጡት ምስጋና (14).

[illegible][illegible]

13. İöëñòð³é çà áóäü- èèì ³ç ĩĩĩäðäáĩ³õ ĩóíêò³â, èèè â³äð³çĩ °òũñ òèì, ùĩ ĩäðäêðèâäèüĩèè äèàĩáò (23)



U A 8 3 4 8 7 C 2



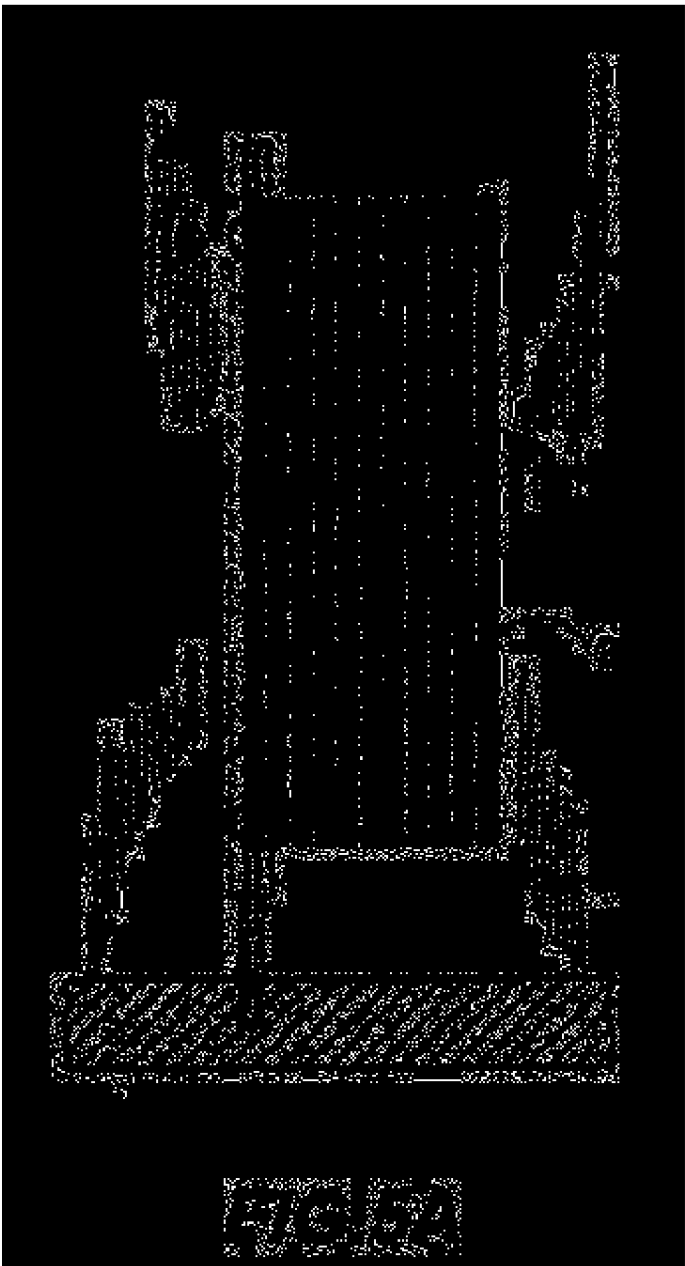
U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2



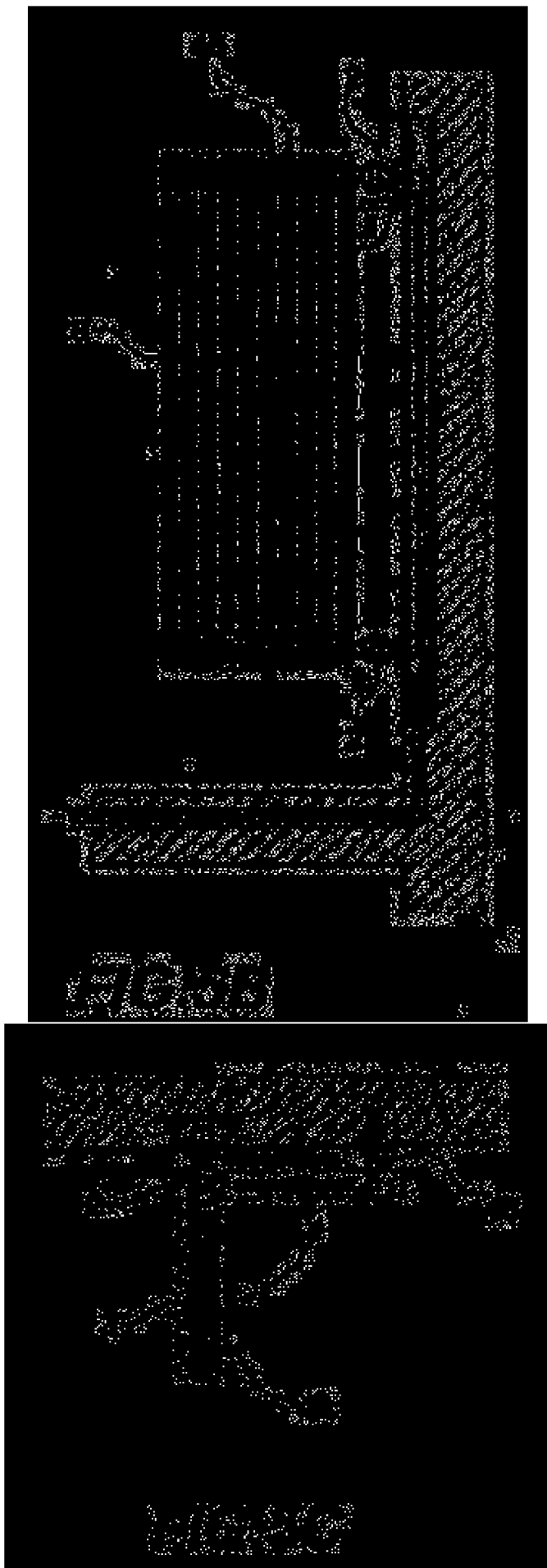
U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2



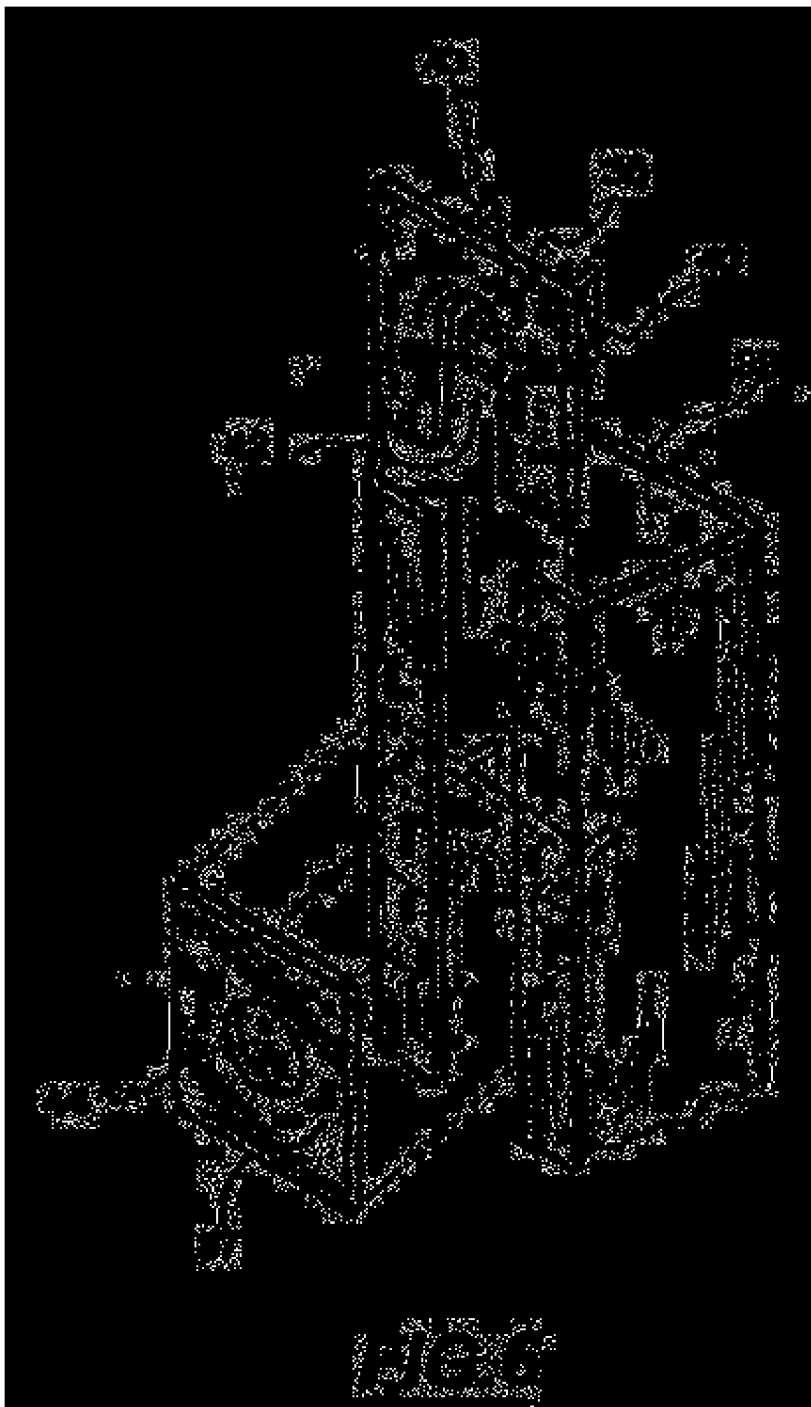
U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2



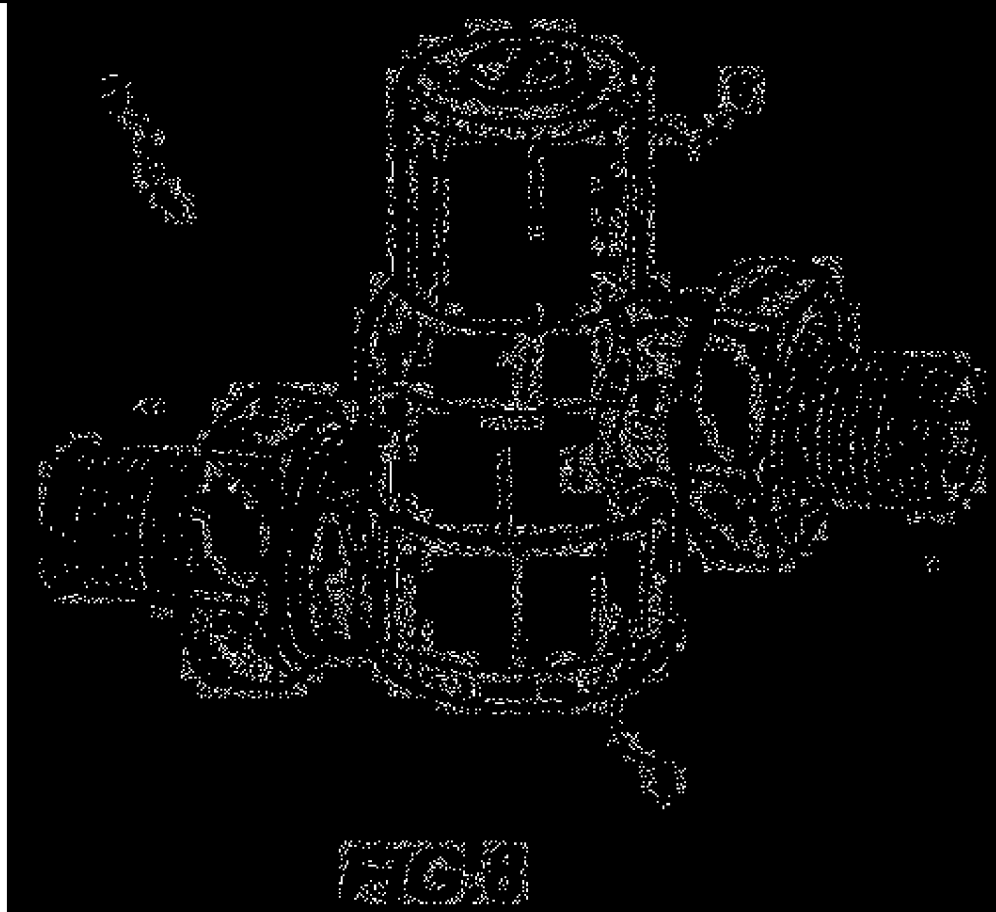
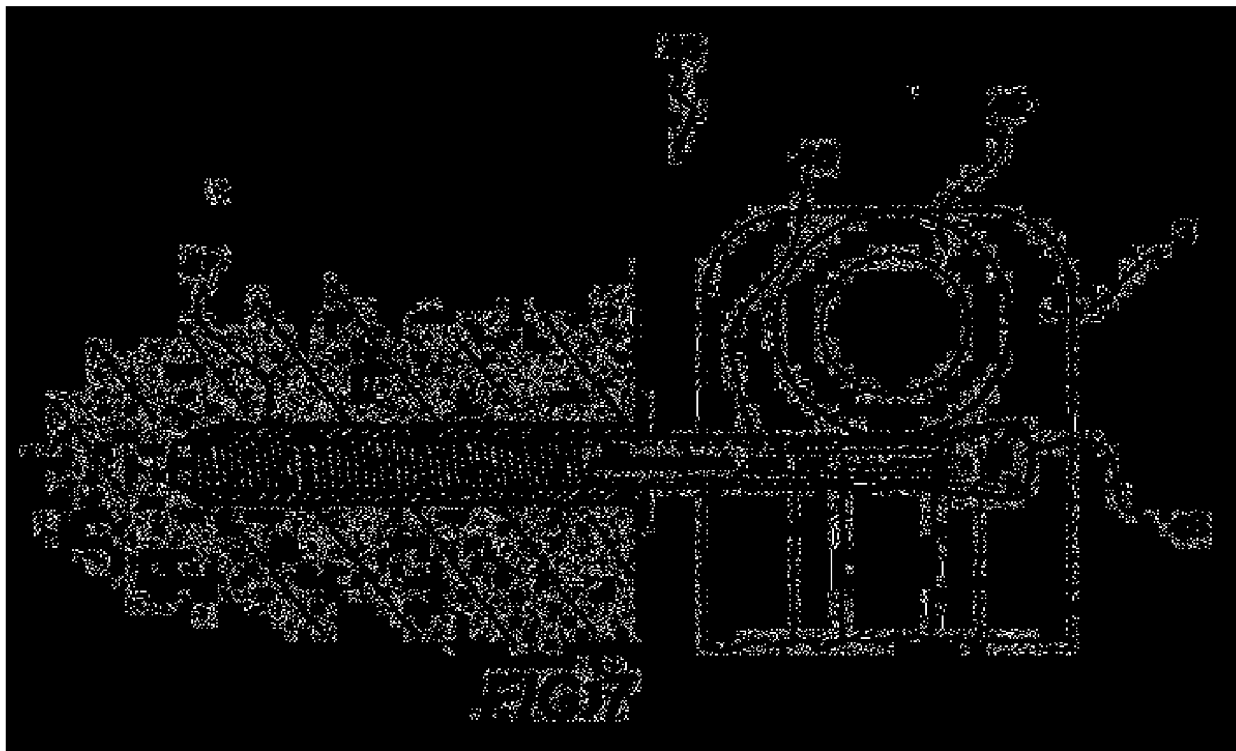
U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2



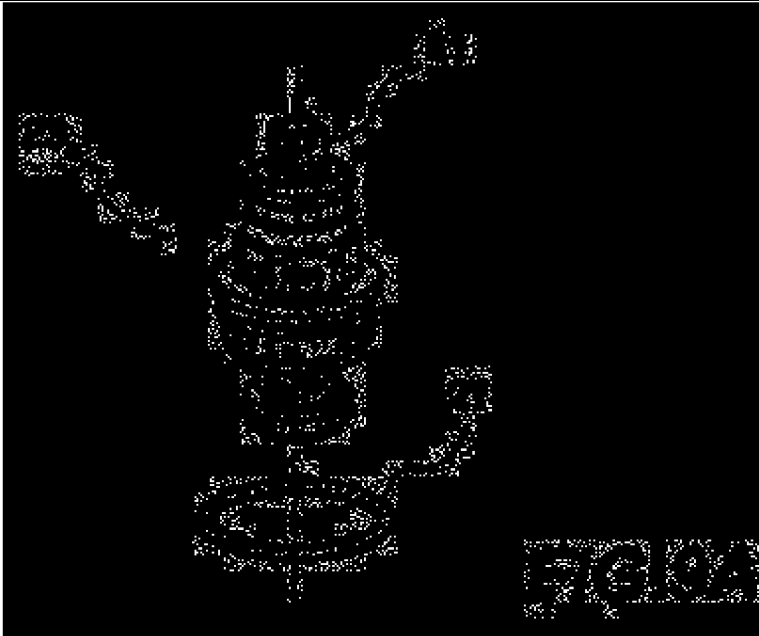
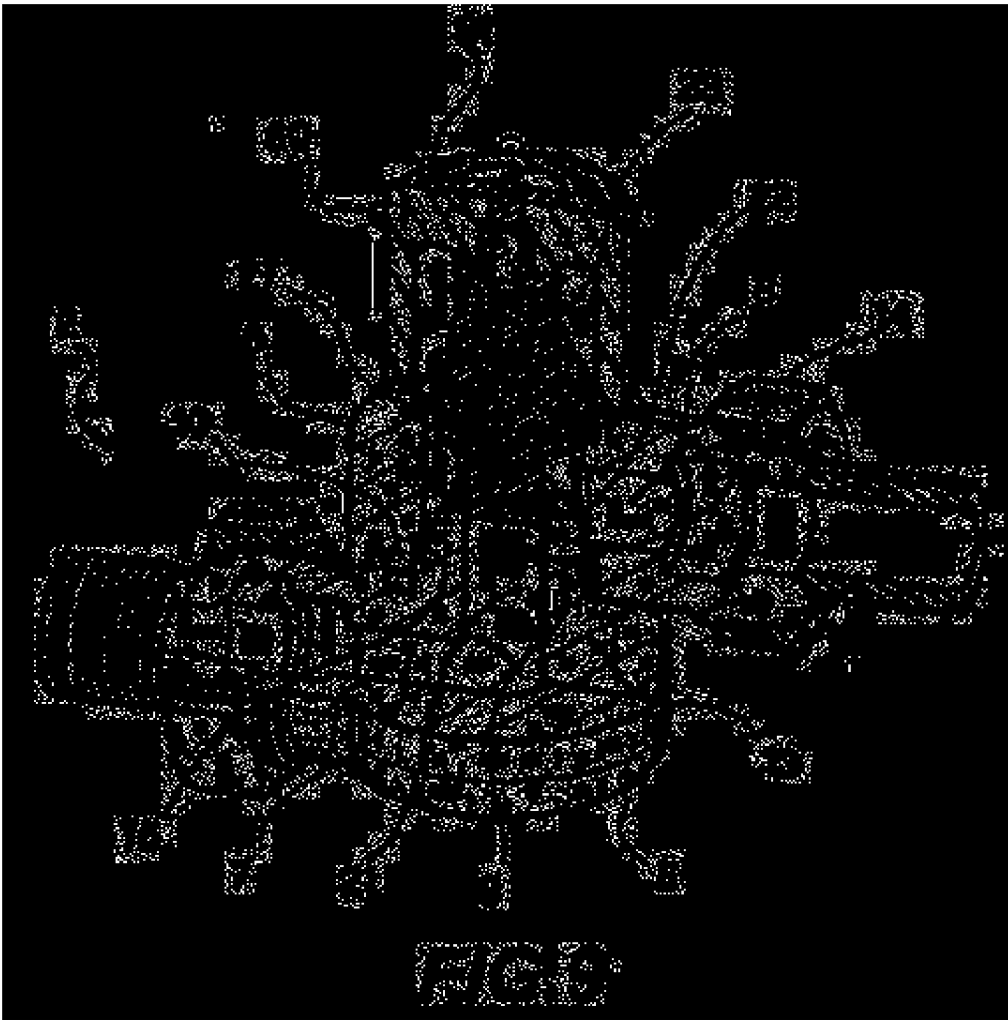
U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2



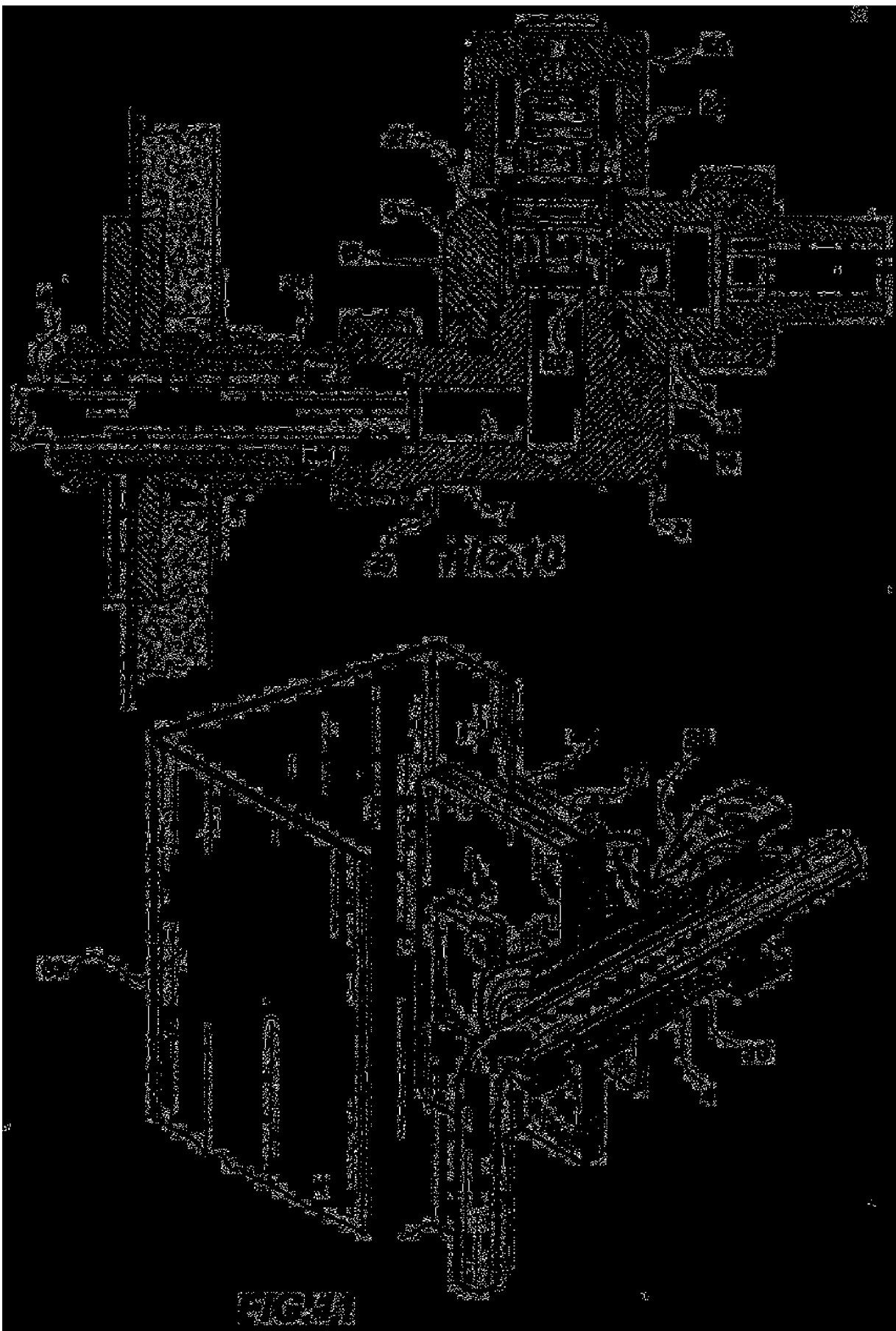
U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2



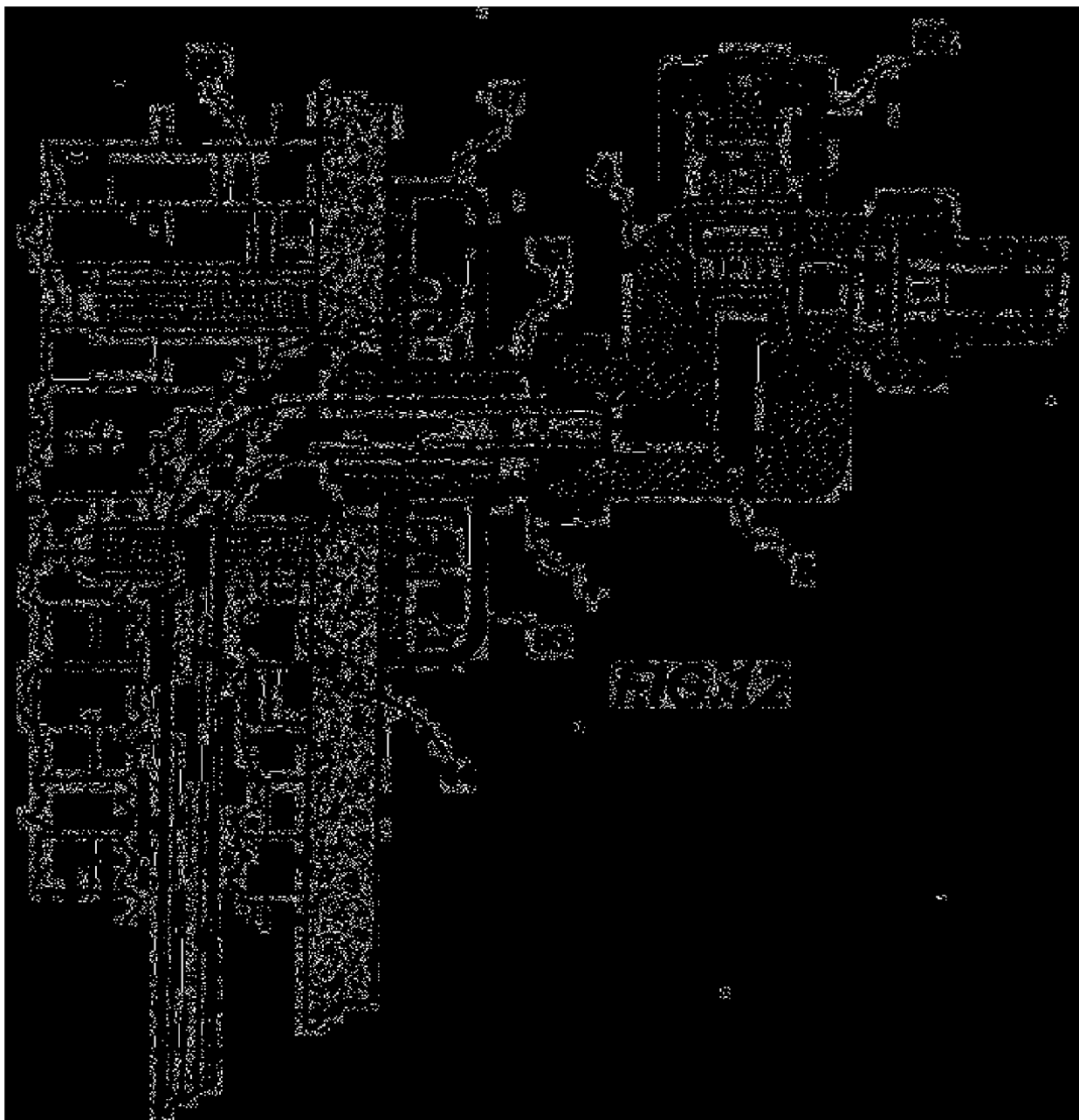
U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2

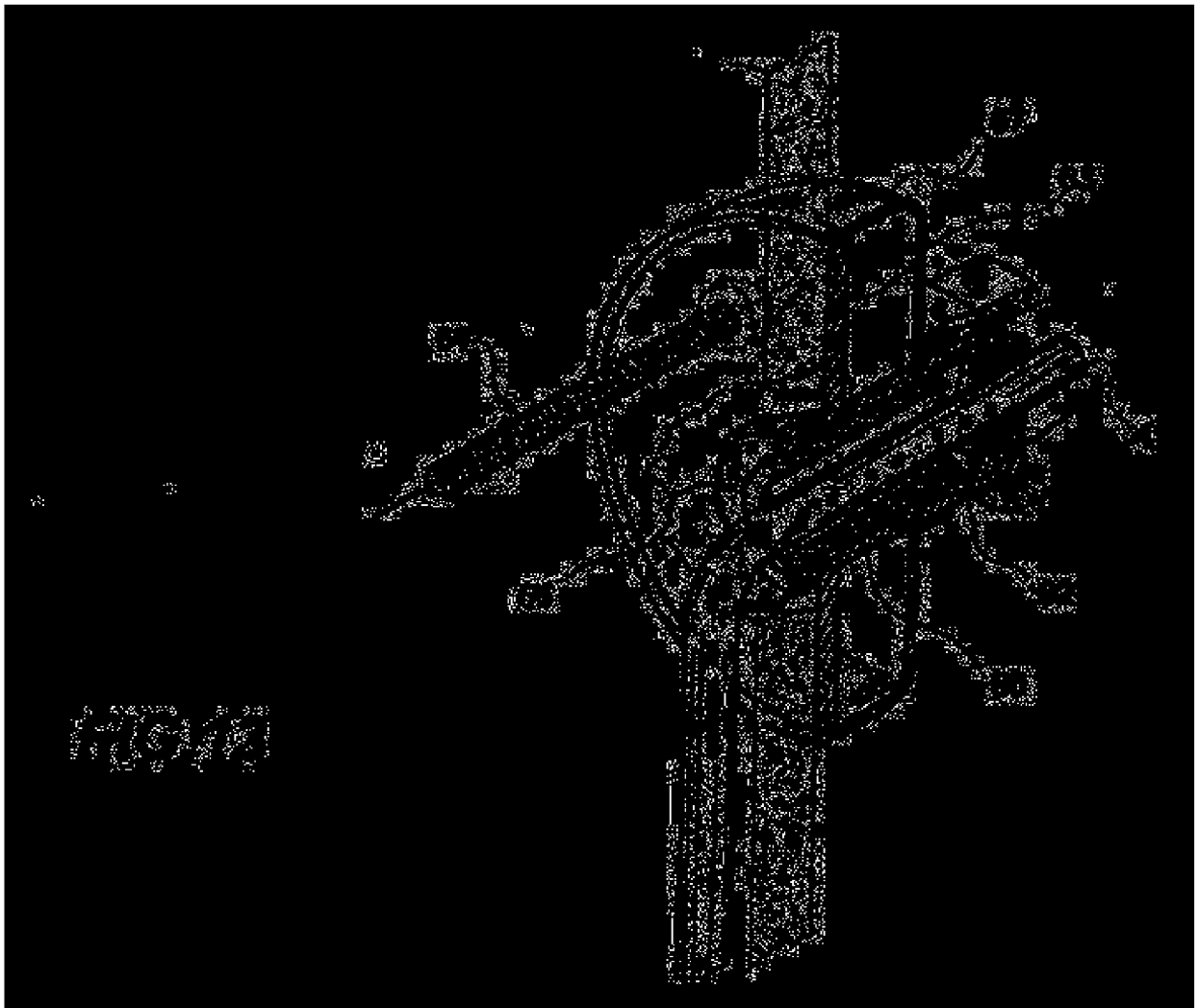


U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2



U A 8 3 4 8 7 C 2



Γόττφριέε άπεαοαίυ "Ιόηιηήεηάα άεαήιόηου". Έιεάα 1 "Άείαοήαε, έίοεήιό ηίαεό, οηηάοαόζζ ζοαάοάευιέο ιόεοήοοαί", 2008, N 14, 25.07.2008. Άαοάαίεε ααηαοοαίαιό ζοαάεοοάευιζ άεαήιόό ζοηοαοήοαά ηηάοε ζ ιαοέε Όέδαζιέ.

U A 8 3 4 8 7 C 2

U A 8 3 4 8 7 C 2