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(A)

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2004 07 12

B41J 2/435

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2004 06 17

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WO 2003/061976

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2003 07 31

(30) 10/028,587 2001 12 19 (US)

(71) 55133-3427 . . 33427

(72) 55133-3427 . . 33427

55133-3427 . . 33427

(74)

(54)

가

가 . . , 가

가

가 . , 90 %

(rate limiting)

$$(\dots) \cdot \dots , \quad 1000 \text{ft}^2/\text{hr} (93 \text{m}^2/\text{hr})$$

가

가 가

, ('UV')

, , , 가
가 , 가 , 가 UV UV

가

가

()

가

()

가

가

가

가

1

2 1

3 , 2

4 , 2 3

5 가 ,

6 5

, 5

가

tex) 'PressJet' , (Rishon Le Zion) (Sci
 ntex Graphics Ltd.) (West Yorkshire) (Da
 'PressVu' , (Novara) (Advanced Digital Color Proofing System) 'DryJet' .
 가 (Meredith) (VUTEK Inc.)
 (Gretag Imaging Group) (San Jose) (Sias Print Group) 'SIAS'
 (VUTEK Inc.) 'UltraVu' (Raster Graphics, Inc.) 'Arizona'
 가 .

$$1 \quad 2 \quad (10) \quad . \quad 1 \quad (11) \quad . \quad 1 \quad (12) \quad 1$$

(가)

(, 가 (12) (16) (18) (12) . 가 , (11))

(10) , (16) (12) (20)
 , (20) (17) 가 .
 (22) , .

, (17) (14) 가 , , (12) (12)
 -to-end
 가 (12) (11) . (12) , (16) (end)
 UV
 , (20) (24) . (26) (28) (24) (28) (20)
 (20) (26) . , (12) (20) (14) (26) 가 (20)
 (12) , , (20)

, (18) (20) (26)
 , (12)) 가 , (20) (20) , (, 가 , (16)
 , (22) (, (20)) (12b)
 , (22)

, (18)
 가 , (20)
 가 , , (20) , (20) (12) , , (1) 2)

, (18) (26) (20) , , (10) (18) (26) 가 ,
 (12) , , (12) (12) , , (12) , , (26)
 , (10) 가 (20) (12) , ,
 가 (10) (12) (18) 가 (16)

2001 11 15 10/000282

, (10) 가 , , (12)
 가 , , (12) 2001 11 15
 10/001144

가 , , , (18)

(10a) 3 (10a)
 (10)

(10a) (16a) (32a) 가 (32a, reflector)
 (20a) (12a) (32a) (20a) (22a) 가 (20)
 (12a) (12a) (20a) , (20a)

(10)

Fusion HP-6

 $= 15600 /$ (web speed), mJ/cm^2 , feet/minute (dosage) $= x$, 2.2 watts/cm²

hes(3.56 cm), 1.4 inc

가 1000ft²/hr(93cm²/hr)

Vmax = 2.8 ft/min 33.6 in/min(85 cm/min)

, Vmax = 1.4 in/33.6 = (per revolution) 0.042

23.8

, 가 260 ft²/hr(24m²/hr)

Vmin = 0.78 ft/min 9.4 in/min (24 cm/min)

Vmin, = 1.4 in/9.4 = 0.15 min/

, 6.7 /min

가

(57)

1.

가

2.

1 , , , UV

3.

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8.

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9.

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10.

1 , , ,

11.

1 , , 가

12.

11 , ,

13.

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14.

13 , ,

15.

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25

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27.

22

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,

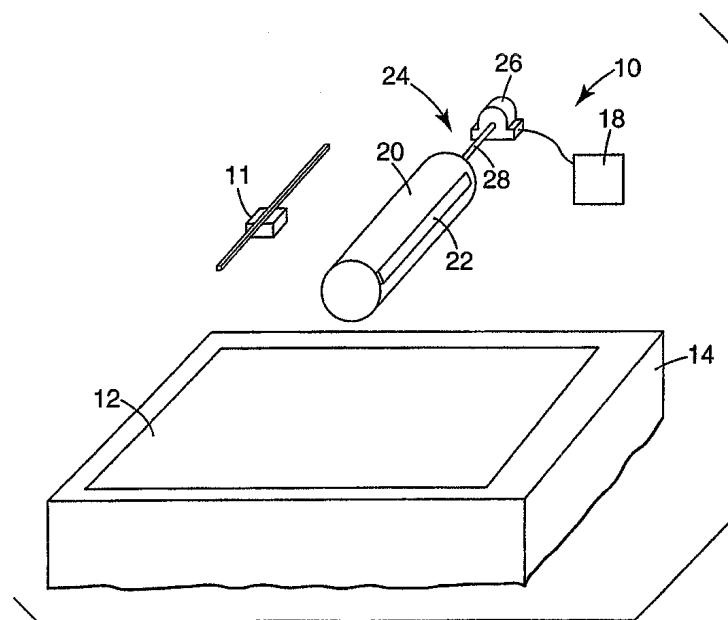
28.

27

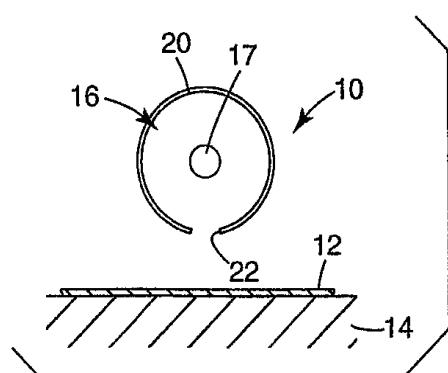
,

,

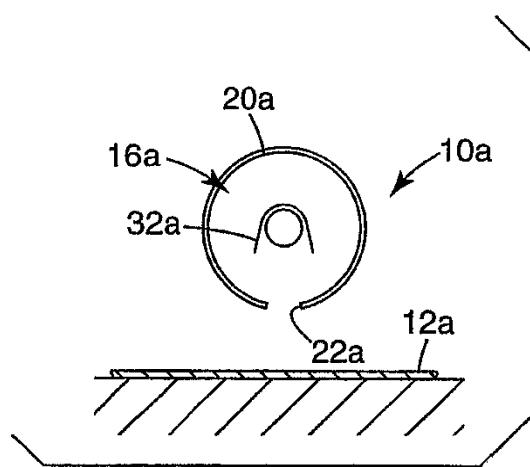
1



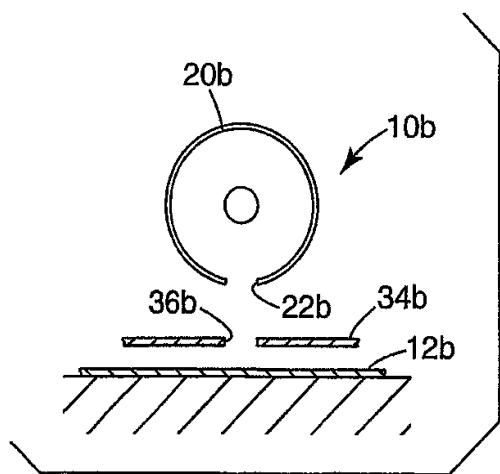
2



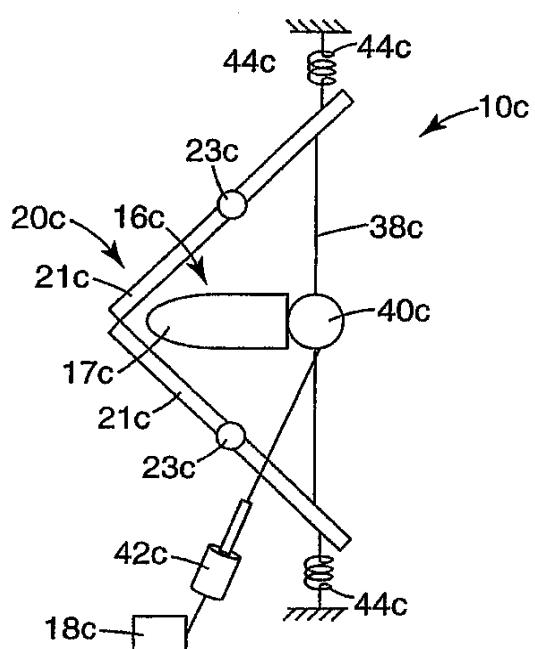
3



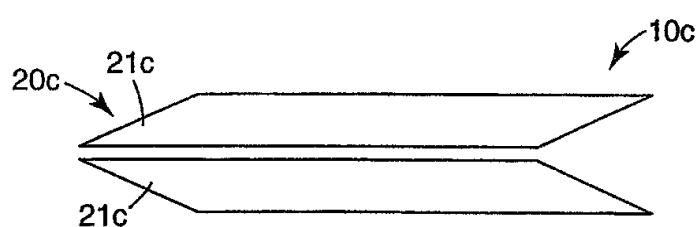
4

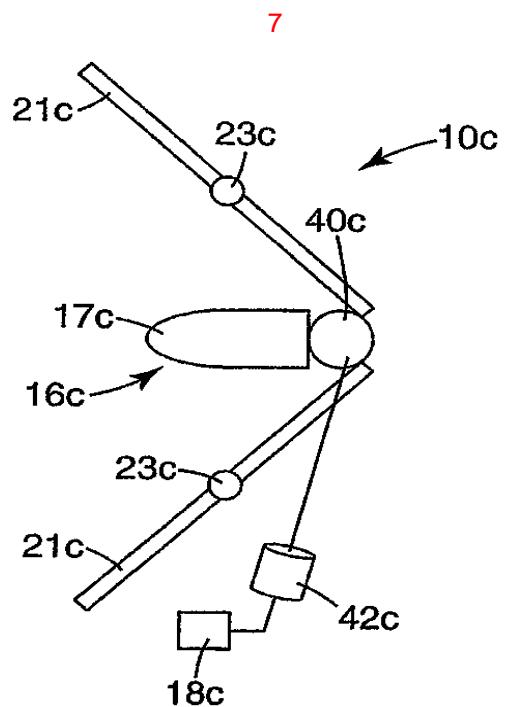


5



6





8

