1.01 **WITH PRINTING**
4 .Associating and folding, with rotary printer
5.01 ..Longitudinal web folding
6 ...Cylinder collecting, with sheet folding
7 ....Additional-sheet associating
8 ...Sheet folding
9 ....Additional-sheet associating
5.02 ...Cutting
5.03 ....Slitting or perforating
10 ..Web association with cylinder collecting
11 ...Additional-sheet associating
12 ..Sheet associating
13 ...Cylinder collecting
14 ....Additional-sheet associating
15 ...Additional-sheet associating
16 ..Longitudinal sheet folding
17 ..Additional-sheet associating
18 .Associating, with rotary printer
19 ..Cylinder collecting
20.1 .Folding, with rotary printer
21.1 ..Cutting
22.1 .Bed and travelling cylinder, web, perfecting
1.02 .Personalized printing (e.g., name or address)
1.03 ..Responsive to information on sheets or webs
30.01 **RECIPROCATING-CARRIAGE PILER**
30.02 .With flaw detection in material or pattern marking
30.03 .With tension indicator or control
30.04 .With synchronized feeding
30.05 .With clamp
30.06 ..Traveling supply
30.07 .With edge aligner
30.08 .Cutting
30.09 ..Traveling supply
30.1 .With height adjustment of support or carriage
30.11 .Traveling supply
30.12 .With speed control
30.13 .With driving control
32 **ASSOCIATING AND FOLDING**
37 .Stapling or stitching
38 ..Cylinder collecting
39.01 .Zigzag package
40 ..Longitudinal web folding
39.02 ..Including stack separating
39.03 ..Web feed from below
39.04 ..With sheet insertion
39.05 ..Zigzag web
39.06 ..Interfolding multiple sheets
39.07 ...Associating before folding
39.08 ...By blade
39.09 ...By rotating drum with pocket member
41 .Longitudinal web folding
42 ..Cylinder collecting, with sheet folding
43 .Web associating, with cylinder collecting
44 ..Additional-sheet associating
45 .Sheet associating
46 ..Stop sheet
47 ..Cylinder collecting
48 ...Additional-sheet associating
49 ....Revolving pivotal folding blade
50 ...Revolving pivotal folding blade
51 ..Additional-sheet associating
52.01 **ASSOCIATING OR DISASSOCIATING**
52.02 .With control indicia (e.g., barcode)
52.03 .Personalized stacks
52.04 .With rejection control
52.05 ..Reorder control
52.06 .With incomplete stack sensor
52.07 .Web associating
52.08 ..Aligning or registering
52.09 ..Cutting web into stacked sheets
52.1 ..Webs of different material (e.g., paper and carbon)
52.11 .Web decollating
52.12 .Web bursting
52.13 .Securing sheet onto web
52.14 .Signature associating
52.15 ..Mis-fed signature sensor
52.16 ..Gathering line
52.17 ..Cutting
52.18 ..Binding
52.19 ..Insetting
52.2 ...Signature carrying hopper
52.21 ...Roller signature feeder
52.22 ....With signature in-feed conveyor
52.23 ...Signature opener
52.24 ....By suction
52.25 ....By gripping
52.26 ..Saddle associating
52.27 ...Saddle opener
52.28 ....By suction

52.29 ...Gathering line
52.3 ...Rotating saddle
56 ..Interrupter
58.01 .Sheet associating
59 ..Stop sheet
60 ..Cylinder collecting
58.02 ..Sheet arrival sensor
58.03 ...Mis-fed sheet sensor
58.04 ..With dissimilar-sheets sensor (e.g., different sizes or weights)
58.05 ...Cover sheet
58.06 ..Envelope stuffing
58.07 ..Performing operation on stacks (e.g., binding, cutting)
58.08 ...Binding
58.09 ....Including condition responsive control (e.g., stack thickness)
58.1 ....Lapstream
58.11 ....Including stack presentation
58.12 .....With edge aligner
58.13 .....With vertically movable stacker
58.14 ...Plural stackers
58.15 ....Means to spread apart stackers
58.16 ....With edge aligner
58.17 ...With edge aligner
58.18 ..Plural stackers
58.19 ...Movable stackers
58.2 ...With hopper
58.21 ....Radially arranged
58.22 ....Annularly arranged
58.23 ..Sheets received from plural supplies
58.24 ...By suction
58.25 ...By simultaneous feeding
58.26 ...Pusher for sequentially piling sheets
58.27 ..With edge aligner
58.28 ..Vertically movable stacker
58.29 ..Gathering line
58.3 ..With lapstream
58.31 ..Inserting marker sheet
58.32 ...Tab or strip
58.33 .Sheet disassociating
58.34 ..Separate stackers

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