

Patent No. 10,410,316 UNITED STATES PATENT AND TRADEMARK

OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Goodnotes Limited,

Petitioner,

v.

MyScript SAS,

Patent Owner.

Case: IPR2026-00388

U.S. Patent No. 10,410,316

VOLUNTARY SEARCH DISCLOSURE

DECLARATION OF ELIZABETH CHIEN-HALE IN SUPPORT

OF PETITION FOR INTER PARTES REVIEW

OF U.S. PATENT NO. 10,410,316

I, Elizabeth Chien-Hale, declare as follows:

1. I am an attorney at Appleton Luff, counsel of record for Goodnotes Limited (“Petitioner”). I am a member of the State Bar of California in good standing and admitted to practice before the U.S. Patent and Trademark Office.
2. This declaration provides a description of where relevant prior art was located and the general methods used to find that art.
3. Petitioner engaged a specialized third-party prior-art search firm to locate prior art that was not identified by the examiner during the examination of U.S. Patent No. 10,410,316.
4. I have investigated and been informed by the search firm that the search methodology employed by the search firm used multiple, complementary pathways, including keyword searching, Boolean strings, Cooperative Patent Classification (CPC) and International Patent Classification (IPC). This search covered 100+ Countries jurisdictions using keywords in the English language.
5. The search included patent and non-patent literature alike, using the following data sources: Questel Orbit, Espacenet, Google Patents, and IP Rally.
6. The following terms were used:

TERM SET	KEYWORDS ASSOCIATION
<i>DIGITAL INK</i>	<i>DIGITAL_INK+ OR HAND_WRIT+ OR STYLUS_INPUT+</i>

	<i>OR ELECTRONIC_INK+ OR E_INK+ OR INPUT_STROKE??</i>
DISPLAY	<i>DISPLAY? OR SCREEN? OR MONITOR? OR PANEL? OR INTERFACE?</i>
SEGMENTATION INFORMATION	<i>SEGMENT+_INFO+ OR CO-ORDINAT+ OR NODE? OR ZONE?</i>
ELEMENTS	<i>STROKE_SEGMENT+ OR CHARACTER?? OR ALPHABET?? OR LETTER? OR OBJECT??</i>
RANGE	<i>RANGE? OR (CIRCUMSCRIB+ 2D (RECTANGL+ OR SQUARE? OR BOX+)) OR AREA? OR RE_ARRANGEMENT_STROKE? OR STROKE_BLOCK?</i>
CURSOR	<i>CURSOR? OR POINTER? OR GESTURE? OR ICON+ OR MARK+</i>
OVERLAP	<i>OVER_LAP+ OR INTERSECT+ OR CROSS+ OR COINCID+ OR COVER+ OR OVERLI+</i>

7. The following Classes were used in combination with the term sets provided above:

CLASSES	DEFINITIONS
G06F40/171	<i>EDITING, E.G. INSERTING OR DELETING BY USE OF DIGITAL INK</i>
G06F3/04883	<i>INTERACTION TECHNIQUES BASED ON GRAPHICAL USER INTERFACES [GUI] USING SPECIFIC FEATURES PROVIDED BY THE INPUT DEVICE, E.G. FUNCTIONS CONTROLLED BY THE ROTATION OF A MOUSE WITH DUAL SENSING ARRANGEMENTS, OR OF THE NATURE OF THE INPUT DEVICE, E.G. TAP GESTURES BASED ON PRESSURE SENSED BY A DIGITISER USING A TOUCH-SCREEN OR DIGITISER, E.G. INPUT OF COMMANDS THROUGH TRACED GESTURES FOR INPUTTING DATA BY HANDWRITING, E.G. GESTURE OR TEXT</i>
G06V30/32	<i>DIGITAL INK</i>
G06T11/60	<i>EDITING FIGURES AND TEXT; COMBINING FIGURES OR TEXT</i>
G06F3/03545	<i>PENS OR STYLUS</i>
G06F40/177	<i>EDITING, E.G. INSERTING OR DELETING OF TABLES; USING RULED LINES</i>
G06V30/1423	<i>IMAGE ACQUISITION USING HAND-HELD INSTRUMENTS; CONSTRUCTIONAL DETAILS OF THE INSTRUMENTS THE INSTRUMENT GENERATING SEQUENCES OF POSITION COORDINATES CORRESPONDING TO HANDWRITING</i>
G06F40/18	<i>EDITING, E.G. INSERTING OR DELETING OF TABLES; USING RULED LINES OF SPREADSHEETS</i>

G06F40/103	<i>FORMATTING, I.E. CHANGING OF PRESENTATION OF DOCUMENTS</i>
G06V30/373	<i>MATCHING; CLASSIFICATION USING A SPECIAL PATTERN OR SUBPATTERN ALPHABET</i>
G06V30/158	<i>SEGMENTATION OF CHARACTER REGIONS USING CHARACTER SIZE, TEXT SPACINGS OR PITCH ESTIMATION</i>
G06V30/414	<i>EXTRACTING THE GEOMETRICAL STRUCTURE, E.G. LAYOUT TREE; BLOCK SEGMENTATION, E.G. BOUNDING BOXES FOR GRAPHICS OR TEXT</i>
G06V30/10	<i>CHARACTER RECOGNITION</i>

8. The amount of time spent on the search by the search firm: 60-70 hours.
9. The amount of time I spent reviewing search results from the search:
approximately 20-30 hours.
10. No privileged or non-public attorney analysis was included in prompts,
and outputs were used to augment search and query development.
11. I declare that all statements made in this Declaration of my own
knowledge are true and that all statements made on information and
belief are believed to be true.

Executed this 23rd day of July, 2026.

/s/Elizabeth Chien-Hale/

Elizabeth Chien-Hale.

Counsel for Petitioner

Registration No. 44077