List of illustrations Cordelia's London For as long as Cordelia could remember, she had been helping her family with their craft. (Page 16) Then she hurtled upstairs to the Library and began pulling books from the shelves, hunting for the peace rune. (Page 84) The second half of the play featured more yelling and groaning from Sir Hugo, even louder wailing from the damsel and, most exciting of all, a sword fight. (Page 102)

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'They help us find our way, littlest one,' Prospero had once said to her, sitting on the very same chimney. (Page 143) 144 Cordelia walked into the middle of the enormous room, leaving a track of footprints in the dust. (*Pages 153–154*) 155 Cordelia held her breath as Sam climbed past a vast stained-glass window and continued up a thin tower, stupefyingly high. (*Page 195*) 196 By moonrise, three black-clad highwaymen were galloping south on the road from London. (Page 260) 261 The Great Chamber was transformed. (Page 326) 328







It was a wild and lightning-struck night. The kind of night that changes everything.

Jagged forks of light ripped across the sky and thunder rolled in tidal waves over the rooftops and spires of London. With the rain lashing down and the clouds crashing above, it felt like the whole city was under the sea.

But Cordelia Hatmaker was not afraid. In her candle-lit room at the very top of Hatmaker House, she was pretending to be aboard the *Jolly Bonnet*. The ship was being tossed by massive waves as she staggered across the deck (really her hearthrug), fighting a howling wind.

BOOM.

'Batten down those hatches, Fortescue!' she yelled. 'I've got to lash myself to the wheel!'

A tin soldier stared blankly from the mantel.

'Aye, aye, Cap'n!' Cordelia squeaked, out of the corner of her mouth.

BOOM.

'Enemy fire!' Cordelia cried, seizing the back of her wooden chair and heaving. Under her hands it became a great ship's wheel.

BOOM.

A violent gust of wind blew the window open. The candle sputtered out and Cordelia was plunged into darkness.

BOOM, BOOM, BOOM.

Echoing up the five storeys of Hatmaker House came the sound of somebody pounding on the front door.



Cordelia scrambled down the ladder from her bedroom and galloped along the top corridor. Aunt Ariadne emerged from her chamber, wrapped in a plum-coloured velvet dressing gown. Uncle Tiberius appeared, grizzle-headed from sleep.

'Father!' Cordelia cried, skidding past them. 'My father's home!'

## BOOM, BOOM, BOOM.

Cordelia raced down the spiral staircase that twisted through the middle of Hatmaker House. She hurtled past Great-aunt Petronella, snoozing in front of the flickering lilac fire in her Alchemy Parlour. She rushed past the tall doors of the Hatmaking Workshop and, deciding that sliding down the corkscrew bannister would be quickest, in three heartbeats she reached the bottom floor.

Her bare feet slapped the cold tiles of the hallway. She shook her head to chase away the dizziness and ran (in not quite a straight line because she was still a little giddy) across the wide hall to the door.

White light flared across the sky as she turned the hefty key in the lock. A tall figure loomed through the pebbly window.

Thunder clapped overhead as she pulled open the heavy oak door.

A crack of lightning split the sky in two.

A man stood on the front step of Hatmaker House. He was drenched, ragged and gasping in the wind.

It was not her father.



Cordelia stumbled backwards as the man lurched through the door, bringing the rain and the unruly wind into the house with him. His rich brocade cloak smelled of sea spray and salt.

'Lord Witloof!' It was Aunt Ariadne, carrying a lantern down the stairs. 'What on *earth* has happened?'

Lord Witloof was dripping a puddle of rainwater on to the hall floor.

'Alas, not *earth*, Madam Hatmaker, but sea!' Lord Witloof wheezed. 'Something has happened at *sea*!'

Cordelia felt as though a Siberian Ice Spider was crawling down her neck.

'Please, my Lord, tell us what has occurred,' said Uncle Tiberius. 'Has something happened to the *Jolly Bonnet*?' Cook appeared in the kitchen doorway, her hair in rag-rolls and a wooden spoon in her hand.

'Where is my father? Captain Hatmaker?' Cordelia's voice was thin and quivery with fear.

Lord Witloof took the black tricorn hat off his head and tipped out a large volume of water from its brim.

'The *Jolly Bonnet*,' he pronounced, 'has been sunk. She crashed on to those ghastly rocks that guard the entrance to Rivermouth.'

The wind howled through the house.

'But my father? Where is he?' Cordelia asked.

The Ice Spider was spinning a freezing web around her insides.

Lord Witloof looked down at his boots.

'I was there. Waiting at the top of the lighthouse to see that the ship was guided safely through the strait,' he muttered, gripping his hat, knuckles white. 'The palace has been most anxious for Captain Hatmaker to return with the final ingredient for the king's new hat. But tonight . . .'

Lord Witloof stopped, eyes filled with horror.

'The sails came into view through the storm,' he went on, face grey. 'I was close enough to hear the crew's cries on the wind, saw Captain Hatmaker himself at the wheel . . . but before the ship could pass the rocks to reach the safe haven of

5

Rivermouth, a terrible wave crested from the black ocean and cast the *Jolly Bonnet* upon them. The ship was matchsticks in a matter of moments.'

Cordelia was shaking her head. Then she realized her whole self was shaking.

'All went down with the ship,' Lord Witloof whispered. 'None survived.'

'But . . . no,' Cordelia said. 'My father is the best swimmer I know. He can swim through storms and whirlpools. He can't have sunk!'

Lord Witloof looked seasick and sad.

'Captain Hatmaker is lost at sea,' he said. 'I am sorry.'



Cordelia's grief and fury, stronger than her shaking legs, carried her back up the stairs. Aunt Ariadne's voice was a ragged flag fluttering behind her. A treacherous tide of tears swelled in her eyes as she felt her way along the top corridor. She wrenched open the door at the end and the achingly familiar smell of her father broke over her.

It was the smell of spices he brought back from his adventures, and cedar and woodsmoke and sea air. Cordelia launched herself on to his empty bed and buried herself in the scratchy wool blankets.

She lay with her face pressed into the pillow, feeling as

though the saddest song she had ever heard was trying to burst out of her. It howled through her stomach and into her chest and wound round her heart and up into her throat, where she could feel it juddering with despair.

'Cordelia?' whispered Aunt Ariadne, tiptoeing into the room.

The thunder rumbled overhead. It sounded like ships crashing on rocks.

'My poor Cordelia.'

Cordelia lay with her whole body tense, determined not to let the sad song out of her mouth. A warm hand rested on her back. Eventually her aunt said, 'This will help you sleep, my love.'

She stroked Cordelia's hair aside and Cordelia felt the velvet of a Moonbloom Nightcap being pulled gently on to her head.

The nightcap worked a dark-purple kind of magic and she was asleep in the space of a single sigh. Tentacles beckoned her from the deep and she called to her father, but her voice was lost among the shapes of waves. All night long the words *lost at sea, lost at sea, lost at sea* whispered to her in storm-tossed dreams, and an albatross keened and curled in a strange sky.

In the morning, she woke with an idea.

What is lost can be found.



Cordelia pulled on her father's jacket. Its gold buttons glinted in just the same way hope does. She pushed up the sleeves and padded out of the room.

Hatmaker House was quiet. Through the window, the sky was a clean blue and the raindrops that speckled the windows glowed in the rays of pale-yellow sunlight.

The Library smelled of beeswax and polished wood and Turkish carpet. Thousands of books stood shoulder to shoulder on the shelves. Ancient grimoires, guides to new sciences, and tomes full of eldritch secrets all jostled for space. Some were taller than Cordelia's knees, with ridged leather spines; others were smaller than the palm of her hand and bound in jewel-coloured silk. They were all the kind of book whose pages whispered when she turned them.

It was so early that the Quest Pigeons still dozed in

their aviary beside the window, heads tucked under their wings.

'*Coo*, *coo*,' Cordelia hooted in a low voice. Several bright black eyes blinked at her, as she filled their tray with new seeds and poured fresh water into their dish.

She looked at one bird in particular.

'Agatha,' she said. 'My father is lost at sea and you're the only one who can find him.'

Agatha flurried her wings importantly and cooed.

Cordelia's father, Captain Prospero Hatmaker, had hatched Agatha himself, keeping her (as an egg) warm in his armpit. One day she pecked her way out of her shell to find herself cupped in his gentle hand, and decided he was the perfect mother.

When a Quest Pigeon is hatched this way, they will always fly to their mother, wherever they are in the world, to bring a message home. So Cordelia took a tiny scroll of paper from the top drawer of the desk and wrote:

> Father, they say you are lost at sea. If you are lost you can be found. Please find yourself at sea as soon as you can

There was hardly any room left on the scroll so she crammed in:

and please come home. Love Dilly

She kissed the paper – carefully so she would not smudge the ink – and waved it in the air to dry. Then she rolled the scroll up tight and sealed it in a minuscule glass bottle with a cork and red wax.

She lifted Agatha gently out of the aviary and tied the bottle to the bird's leg. She could feel Agatha's little heart pattering triple time.

'To Prospero, to Prospero!' Cordelia whispered, like a spell.

She threw the window wide and Agatha took flight. Cordelia leaned out, watching until the bird was a pale speck above the new-washed houses of London.

'Cordilly?'

Uncle Tiberius was standing in the doorway, rubbing his sleep-creased face. He looked like a bear who had been woken from hibernation too early.

'Are you all right, little one?' he asked, his rumbly voice gentle.

'Yes, Uncle,' Cordelia answered. 'I've just sent a message to Father.'

Uncle Tiberius's shoulders sagged.

'Oh, Cordelia, my sweet girl,' he said.

'You see,' Cordelia explained, 'if he's *lost* at sea, that means he can be *found*. So I've sent Agatha to find him.'

'Little Hatmaker,' Uncle Tiberius said heavily, 'when a Quest Pigeon's mother is . . . gone . . . the poor confused pigeon just flies away . . . and is never seen again.' Uncle Tiberius's eyes suddenly glistened and he blew his nose on a green silk hanky.

'Don't cry, Uncle!' Cordelia said, climbing on to a chair to pat his shaking shoulder. 'Agatha will find Father. He isn't *gone* – he's just *lost*, which is very different.'

Uncle Tiberius wiped his eyes.

'Now, let's look lively!' Cordelia grinned. 'We have to finish making the Concentration Hat for the king. They'll be expecting us at the palace!'



Usually on a palace delivery day, Hatmaker House was humming with a mixture of jollity and chaos. But the Hatmakers, except for Cordelia, were red-eyed, black-clad and slow that morning. Cook put extra honey on Cordelia's porridge and a heavy kiss on the top of her head.

Jones, the Hatmakers' coachman, leaned in through the kitchen window, clutching a cup of tea. He wore his smart blue uniform, an ink-black tricorn and a sombre expression.

Pale-faced at the head of the breakfast table, Aunt Ariadne bit a dry corner of toast. She adjusted a sprig of rue on her black Mourning Hat and said, 'I am sorry we must go to the palace today, Cordelia, my brave girl. Being Hatmakers to the Crown has its burdens, and duty beckons.'

'And we can't be outdone by the blasted Bootmakers. Or

those finicky Glovemakers, for that matter,' Uncle Tiberius growled, stirring his porridge moodily.

'Nor the Watchmakers or the Cloakmakers!' Cordelia added.

'Twitchers and posers,' Uncle Tiberius muttered.

'And anyway,' Cordelia finished, 'Father would want us to go.'

Aunt Ariadne's mouth went a little wonky. 'We must finish the hat as best we can, even though it will be without the special ingredient Prospero was bringing home.'

'What was the ingredient?' Cordelia asked.

'An ear feather from the Athenian Owl of the Platonic Forests,' replied Uncle Tiberius. 'Wisest bird in the world: it goes to great lengths to avoid human company. It would have kept the king closely focused on his work and keen to remain undisturbed.'

'Run along and help Great-aunt Petronella with her fire, my Cordelia,' Aunt Ariadne said, in a peculiar wobbling voice.



'Give it some vim, child!' Great-aunt Petronella croaked.

Cordelia pumped the wheezy bellows so hard that the lilac fire leaped into life, licking violet tongues of flame up the sooty chimney. The Alchemy Parlour danced with purplish shadows as the fire threw flickering light over the brass instruments. Great-aunt Petronella placed her cool hands on Cordelia's cheeks.

'You are a strong girl,' the ancient lady said with a kind of fierce caw.

Cordelia thought the grown-ups were being rather silly, all dressed in layers of black and telling her she was brave and strong.

'I know you think Father has drowned. I did too, last night,' she said to her great-aunt. 'But actually, when I woke up, I realized he's just *lost*. It's very different, you know. And he once survived twelve days on a leaky raft floating on the ocean. He can survive anything.'

Prospero Hatmaker had, indeed, survived twelve days drifting at sea on a shard of broken hull. And so had Cordelia. It was her favourite story.

'You were born on the ocean, littlest Hatmaker,' Cordelia's father would tell her. 'Your mother and I went on many ingredient-seeking adventures together. One day, we realized we had a third Hatmaker on our journey with us: you! You arrived in the world one very starry night, a little way off the coast of Morocco. The whole crew threw a party and your mother and I were overjoyed. We didn't have a crib on the ship, so we made a hatbox into a cradle and you slept very happily. It was the hatbox that saved you . . .

'Many weeks later, a terrible storm broke over us out of a blue sky. The mast was struck by lightning and our ship caught fire. I was at the wheel, trying to steer us out of the storm, when I saw your mother run down into the belly of the ship. She emerged through fire and smoke with the hatbox in her arms.

'Just then, with a calamitous screech, the ship ripped in two; fire had torn it right down to the keel. The world seemed to split in half and your mother hurled the hatbox across the chasm, across the churning water. I dived for you. The hatbox landed on the crest of a wave as I threw myself into the ocean. When I surfaced, half of the ship was gone. I dragged myself on to the wrecked remains. By a miracle, you were alive, though very wet and wriggling in your hatbox.

'All night, I searched for survivors. But I saw by the light of the rising sun that your mother was gone. The crew were gone. You and I were the only ones left, stranded on a halfsunk ship and surrounded by miles and miles of empty ocean.

'After twelve days, we were picked up by a passing Portuguese caravel and eventually I arrived back in London with you – the greatest treasure I've ever brought home.'

Her father always wore a seashell hanging from a chain round his neck. A tiny painting was inside, no bigger than Cordelia's eye. It was a portrait of her mother. Cordelia could stare at the painting for hours, at her smooth skin, her halo of dark hair, and her kind, smiling eyes. It held her spellbound.

'You look just like her, littlest Hatmaker,' her father always

said, his eyes full of love. 'Her beauty and cleverness were her gifts to you.'

Cordelia would smile at her father when he said this, and reply, 'What are *your* gifts to me, Father?'

He would grin back and say, 'The gifts of a Hatmaker. Wildness in your wits and magic in your fingertips!'

'You are a brave girl, as well as strong.' The croaky voice of Great-aunt Petronella broke into Cordelia's thoughts.

Cordelia blinked. Her great-aunt was gazing at her with pride and sadness.

'He's not dead,' Cordelia told her firmly. 'He'll come back. I've sent Agatha.'

Her great-aunt gave her a kiss on the forehead and a Sunsugar toffee from her tin.

'Cordelia! I need you in the workshop!' Aunt Ariadne called up the stairs.



For as long as Cordelia could remember, she had been helping her family with their craft. Before she could walk, she had crawled between the oak benches in the workshop, carrying ribbons and lace in her mouth. If they arrived a little damp, her uncle would patiently dry them by the fire before stitching them on to his creations.

When she began to walk, she staggered across the Trimming Room with feathers for hats held carefully aloft. She toddled through plumes of steam from her aunt's hat blocks and tottered around eddies of crystal light swirling in the Alchemy Parlour.

The first words she learned were written in spiky runes, from the whispering books in the Library. She made friends with the lush plants that burst from the glasshouse perched on the roof, became acquainted with the stars through her great-aunt's stargazing telescope, and gave all the Quest Pigeons names.

She wrapped the Moon Cactus in a woolly scarf when there was snow on the ground and cooled the Vesuvian Stone with a fan in summer, to stop it oozing lava on to her greataunt's table. She knew the brushes that were brusque unless you talked to them politely, and she was the only one who could coax the Timor Fern to unfurl a new frond, by whispering kind things to it.

Hatmakers had lived in this house for more generations than anyone could quite remember. Magic from the ingredients, brought home from adventures all around the world, had seeped into the grain of the wood and into the time-worn stones. The wrinkled glass of the old windows, the walls and even the chimney pots bristled and shivered with their own eccentric magic.

Some of the magic was rather exasperating. For example, if you trod on the workshop hearthrug in the wrong place, it would deliberately trip you up. One of the floorboards was very ticklish and tended to wriggle if you walked over it. Uncle Tiberius often got impatient with the cupboard where invisible things were kept. The door of the cupboard had slowly faded – from being inconspicuous, it had become obscure, then completely invisible. But when her uncle could not find it, Cordelia knew just how to squint at the wall to glimpse the handle.

Useful around the house as Cordelia was, she was not actually allowed to make any hats herself.

'Ingredients are unpredictable,' her aunt often warned her. 'They can be exceedingly harmful if used in the wrong way. And some ingredients should never be used at all.'

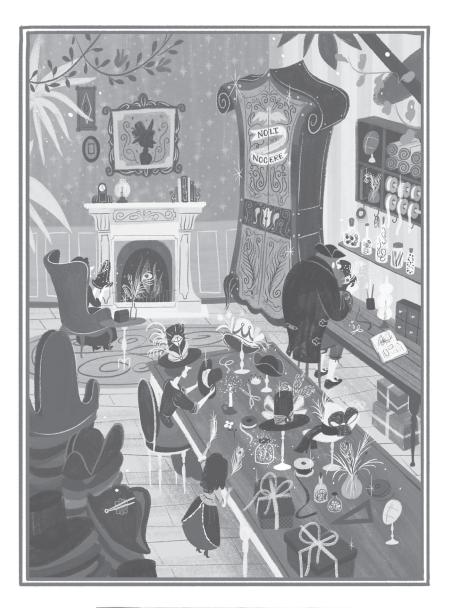
These forbidden ingredients were locked away in the Menacing Cabinet, an iron cupboard in the workshop. Cordelia was always sent out of the room when it was opened. She was very curious about the treacherous treasures it contained, but had never managed to glimpse any of them. Anything gathered during a ingredient-seeking expedition that was deemed too perilous to use was locked away behind its iron walls, and the key to the Menacing Cabinet was always on Aunt Ariadne's belt.

The Hatmakers' motto was inscribed in Latin across the doors of the cabinet:

## \* NOLI NOCERE + \*

It meant 'Do no harm', which was the most important principle in Hatmaking.

Cordelia once heard Prospero and Uncle Tiberius weighing a single whisker from a Sabre Tiger. She'd had her ear pressed to the keyhole of the Hat-weighing Room when she heard her uncle sigh: 'It's far heavier than my strongest measure of Menace, Prospero! It will have to go in the Menacing Cabinet.'



For as long as Cordelia could remember, she had been helping her family with their craft. So the Menacing Cabinet had been opened and the whisker locked away.

Cordelia had even heard whispers that the cabinet contained a Croakstone, but she didn't dare ask about *that*.

She had, however, tried to bargain with her aunt on several occasions about Hatmaking in general.

'I wouldn't make a *bad* hat!' she reasoned, making her eyes as big and sincere as she could. 'I'd make a really *nice* hat. A very safe one.'

'You're not old enough, Cordelia,' her aunt always answered. 'You still have a lot to learn before you can even *think* about making your first hat.'

But Cordelia *did* think about making her first hat. She longed to wrap a bright skein of felt round a hat block, cover it with ribbons and feathers and gems and twisting twigs, lace it with pearls and stud it with buttons and shells and flowers and -

'It's absolutely out of the question,' was always her aunt's final word on the matter.

That was never an exciting thing to hear.

Aunt Ariadne had a gold hatpin, decorated with an emerald as big as a gooseberry. She would stick it in her hair with a purposeful jab before rolling up her sleeves to start on a new hat. The hatpin contained the power to make her aunt a brilliant and enchanting Hatmaker.

Uncle Tiberius had a sleek silver hatpin that he kept tucked

into his breast pocket. Great-aunt Petronella's was always stuck through her bun, its red stone gleaming. Prospero's hatpin was whittled from the branch of a Fleetwood tree and he wore it in his captain's hat.

Every birthday Cordelia hoped to be given one of her own: a hatpin that would make her a Hatmaker. Having a hatpin would finally allow her to begin the work her fingers itched to do. But she knew that, like all Hatmakers before her, she would only be allowed to make her first hat on her sixteenth birthday.

It felt like several lifetimes away.

As a very special treat, on her eleventh birthday, she had been allowed to brush the freshly blocked hats with a stiff badger-hair brush to make them shine.

'On your twelfth, littlest Hatmaker, you will begin learning about the powerful ingredients we use to trim hats. We'll begin with feathers,' Prospero had promised. 'Feathers have so much magic and personality in them.'



Today, with a few months still to wait before her twelfth birthday, Cordelia ran into the workshop to find her uncle bending over the sage-green hat on the hat block, sewing a garland of rosemary on to the wide velvet brim.

'Rosemary for remembrance,' he murmured.

Her aunt and uncle had laid aside their black Mourning Hats while they worked. Both of them now had frilly bonnets on, tied with big canary-yellow bows under their chins.

'I know we look rather silly,' Aunt Ariadne said when she saw Cordelia's eyes widen, 'but we cannot allow our own sadness to creep into the king's hat. It would ruin all our hard work. So we're wearing Blithe Bonnets while we finish it, to keep our spirits up.'

She offered Cordelia a bonnet, but Cordelia did not take it. 'I don't need it, thank you, Aunt,' Cordelia said.

Aunt Ariadne turned away, her face hidden by the blowsy frills of the bonnet.

Cordelia knew that her aunt was trying very hard to be positive. A Hatmaker's state of mind was vitally important while making a hat. Aunt Ariadne had told her more than once: 'It is most important to keep good intentions flowing from your mind to your hands to the hat.'

If a Hatmaker was sad or angry or careless or fidgety, for example, their state of mind would be transferred to the hat, and then to the wearer of the hat once it was on their head. Uncle Tiberius once told her about a Hatmaker who had been moonishly in love with his sweetheart while making a Gravitas Hat for a politician. The Hatmaker's love suffused the Gravitas Hat with a blossoming adoration, which, when the politician put it on, gave him an overwhelming sense of love for the Leader of the Opposition. (Cordelia suspected that Uncle Tiberius himself was the maker of that particular hat, though he had never admitted it.)

'Spider silk,' Aunt Ariadne pronounced, turning back to Cordelia and holding up a silver skein of delicate web. 'Spun by a Brown Study Spider and collected yesterday before moonrise. Come, Cordelia, I need your help with it. Remember to concentrate.'

Cordelia held her hands out wide while Aunt Ariadne carefully wound the fine spider silk round them. Soon a shining bridge of silver was swagged between her hands.

'Now twist it round,' Aunt Ariadne instructed.

Cordelia turned her hands, making the threads twist together to form a slender silken rope. Aunt Ariadne snipped it and knotted it neatly at both ends.

'Next, we shall sew this to the hat, starting here, just above the left eye . . .' Aunt Ariadne pinned the spider-silk rope on to the hat. 'And twist it clockwise round the crown to the very tip . . .'

Cordelia watched in admiration as her aunt skilfully wound the gleaming rope round the hat.

'And it should help to encourage the king's concentration, which is what this hat has been commissioned for.'

Cordelia nodded. Her aunt turned to her.

'Can you tell me why I chose silk from a Brown Study Spider?'

Cordelia thought for a moment before answering. 'You

chose spider silk because spiders work hard to make their webs, and this hat is to help the king to work hard . . . and a *Brown Study* Spider likes paper and silence, and the king needs paper and silence to concentrate.'

'Excellent.' Aunt Ariadne smiled. 'We should finish it off with a fresh flower from the St Aegis Vine. Will you fetch one?'

Cordelia ducked under the drying lines, which were hung with freshly dyed silks, and dashed up the stairs to the glasshouse. As she passed the Alchemy Parlour, a cloud of sky-blue smoke billowed out of the door.

'Splendid!' she heard Great-aunt Petronella crow. 'The Fathom Glass droplet is nearly ready!'

Cordelia swerved into the dark parlour to see her greataunt holding a shimmering droplet in a pair of iron tongs. It looked like liquid sunlight. A hot smell peppered the air. Alchemy, to Cordelia, seemed a strange mixture of poetry and science.

'Ah, child – fetch me the jar from the windowsill,' Greataunt Petronella croaked. 'Careful, it's full of Thunder Rain.'

Cordelia pushed open the window and carefully picked up the jar that stood on the sill. It was brimful of storm-grey rainwater, which sloshed a little as she carried it across the room. A rumble of thunder rolled up from the jar and a tiny crack of lightning flashed across the water.

'It's good and fresh,' Great-aunt Petronella said with a smile as Cordelia set it down on the table.

Her great-aunt plunged the glowing droplet into the water. A huge plume of steam burst like a nimbus cloud into the room. In the air around them, tiny zig-zags of lightning crackled and zapped.

When Great-aunt Petronella came back into view through the rising cloud of steam, Cordelia saw that the glass droplet she held in the tongs was now crystal-clear and shining.

'This Fathom Glass will help the king to focus on what matters,' her great-aunt explained.

'How did it change like that?' Cordelia asked.

'Storm water is the best strengthener. Sometimes surviving a storm is the making of a person.'

Cordelia's breath caught in her throat. Great-aunt Petronella fixed her eyes on Cordelia. They were like two crystals glinting in the ancient folds of her face.

'What does one need to survive a storm? Good heart and good judgement,' she said steadily. 'Prospero has both.'

'Do you think –' Cordelia began.

The old lady held up one paper-pale hand for silence.

'The Glassmakers in Venice know all about storms,' she said. 'They have huge casks full of storm water. They collect different waters from different sorts of storms. And the collecting casks are big enough to bathe an elephant. Those Venetians are the masters of glass.'

'Have you been there and seen them?' Cordelia asked, round-eyed.

'Ah – a long time ago –' her great-aunt began, but she was interrupted by a shout from below.

'Cordelia! Where's that flower?'

'Coming, Aunt!' Cordelia called back, skidding out of the Alchemy Parlour and dashing up to the glasshouse.

A few minutes later, the newly made Fathom Glass droplet had been sewn on to the tip of the hat, where it hung like a fat bead of clear water. A pale-yellow blossom from the St Aegis Vine gleamed on the brim and the hat was taken to the Hat-weighing Room.

A large set of wooden scales stood in the middle of the room and hundreds of brass weights were ranked on shelves around the walls.

Uncle Tiberius selected a weight the size of an apple.

'Concentration,' he said, putting it on the scales. 'To the power of ten Engrossments.'

Aunt Ariadne carefully placed the hat on the other side of the scales. Slowly, the wooden contraption tilted like a seesaw and the hat sank down until it was level with the weight on the scales.

'Bravo!' Uncle Tiberius boomed. 'Concentration aplenty!'

'Try Sobriety,' Aunt Ariadne suggested.

'What's Sobriety?' Cordelia whispered, as Uncle Tiberius reached for a weight the size of a cannonball to test against the hat.

'It's an extra-special sort of Sensible,' her aunt whispered back.

The hat was slightly lighter than the measure of Sobriety so Uncle Tiberius tried a smaller weight. Against this one, the hat sank.

Aunt Ariadne nodded. 'It will do.'

Finally, Uncle Tiberius placed a tiny weight, no bigger than a ladybird, on the scales.

The hat and the tiny weight were perfectly balanced.

'What's that one?' Cordelia asked.

'Joy,' Uncle Tiberius murmured. 'In a small measure. Just to take the edge off all the work.'

The Hatmakers surveyed their creation. It was an elegant hat, pale grey-green and twisted about with silver and rosemary. Cordelia imagined the king wanting to spend all day and all night diligently working in his study once he had put it on.

Her uncle sniffed.

'It would have been better with the ear feather from the Athenian Owl,' he croaked, his voice cracked with sadness.

'Come now, Tiber,' Aunt Ariadne coaxed.

Usually after a new hat had been weighed, it was put in the hat hoist and winched down to the Hatmakers' shop on the ground floor.

This hat, however, was destined for the king.

