

INDEED, AND AS WE CONSIDER THE GREAT COMFORT AND ADVANTAGES WE ENJOY.

IN HAVING PLACED OVER US A GENTLEMAN OF SO MUCH KINDNESS, AND ABILITY,

LET US SHOW OUR GRATITUDE FOR THIS BLESSING BESTOWED UPON US...

A ROUND OF APPLAUSE, PLEASE!

THANK YOU! THANK YOU! YOU ARE VERY KIND.

I AM SURE YOU WILL EXCUSE ME FOR NOT SAYING MUCH, AS I FEEL OVERPOWERED WITH MY FEELINGS.

CLAP! CLAP! CLAP! CLAP!



SO... THE MECHANICAL ANEMOMETER, WHICH I HAD DESIGNED IN 1842, INITIALLY FOR THE PURPOSE OF DETERMINING THE VOLUME OF AIR ENTERING OR LEAVING MINE WORKINGS.

IT WAS DEVISED TO BE PORTABLE, SINGLE-DIAL, EIGHT-VANE DEVICE WITH A CARRYING LOOP AT THE TOP.

IT CONSISTS OF A CIRCULAR BRASS BAND WITH AN EXTERIOR FRAME BUILT AROUND A VERTICAL UPRIGHT

THIS THEN HOLDS A CENTRAL SHAFT IN PLACE...



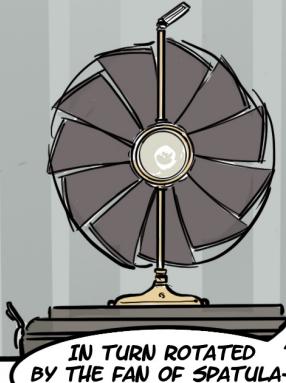
ALL CONNECTED TO A SMALL CIRCULAR DIAL, NUMBERED 1 TO 9 WITH "X" AT ZERO.

DESIGNED TO RECORD WIND VELOCITY IN ORDER TO DETERMINE THE VOLUME OF AIR ENTERING OR EXITING A MINE.

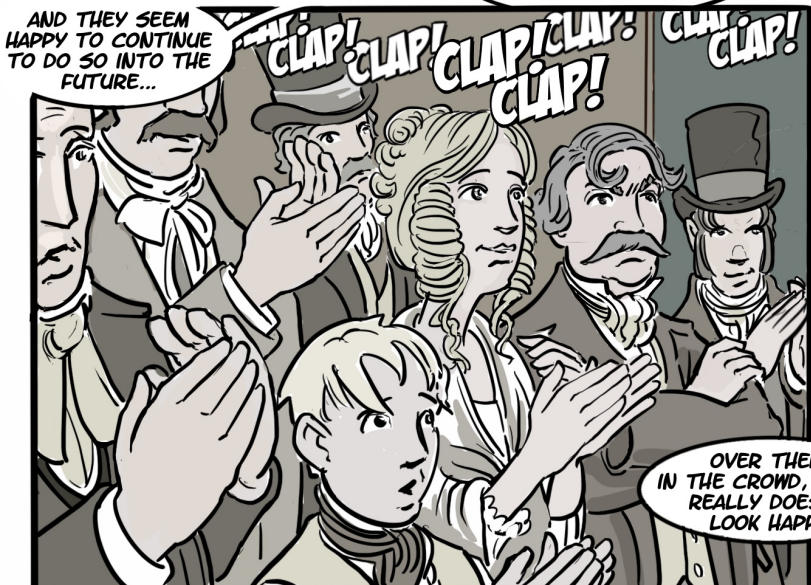
FOR THE SAFETY OF THOSE EMPLOYED BENEATH THE SURFACE.

NO LESS A SCIENTIFIC INSTRUMENT MAKER THAN JOHN DAVIS OF DERBY, AGREED TO MANUFACTURE MY DEVICE IN 1845.

HEY, I THINK I SEE THAT GUY...



IN TURN ROTATED BY THE FAN OF SPATULA-SHAPED VANES



AND THEY SEEM HAPPY TO CONTINUE TO DO SO INTO THE FUTURE...

CLAP! CLAP! CLAP! CLAP! CLAP!

OVER THERE IN THE CROWD, AND HE REALLY DOESN'T LOOK HAPPY.





...ABSOLUTELY ANOTHER MARVEL.

EACH IN TURN A MEASURED SCIENTIFIC RESPONSE TO THE HAZARDS OF...

WELL, ECONOMICALLY EFFICIENT MINING.

SEEING IT LIKE THIS IS AMAZING.

IT'S IN SUCH GREAT CONDITION.

I'D HOPED TO GET A SKETCH OF IT IN THE CASE, BUT WHEN WE FOUND IT GONE...

THIS IS BETTER.

I FOLLOWED SOME OF THAT, BUT MISSED THE BITS WHERE HE TURNED AWAY OR WAS LOOKING DOWN.

...DID WE LEARN ANYTHING ELSE USEFUL?

MOSTLY WHAT WE'D ALREADY LEARNT FROM THE BOOKS.

I HAVE TO SAY, I'VE BEEN IMPRESSED BY HOW LONG IT TAKES EVERYONE TO SAY ANYTHING.

AND HOW EXCITED THEY ARE TO USE THE WORD "SCIENTIST."

I'M GOING TO CONTACT NOAH AND ASK WHAT HE THINKS WE SHOULD DO NEXT.

HEY, NOAH.



HEY GUYS, DID YOU TRY FOR ANY "FIRST HAND ACCOUNTS" YET?

BEST NOT LET THEM SEE MY PHONE.



OH, WE ALMOST FORGOT.

WE SHOULD MAYBE GIVE THAT A GO NOW.

EVERYONE OKAY WITH THAT?

HEY - IF YOU COULD ASK SOMEONE FROM THE 1840s A QUESTION,

WHAT WOULD IT BE?