

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	2604-2605	Press
		~~Mis.~~
	464-466	
Dated	24 th October	1865.

Not to be folded or roughly handled



*Proceedings of the Madras Government, Revenue Department,
24th October 1865.*

No. 464. Read the following letter from the Officer in charge Office of Cotton Commissioner, Dharwar, to the Secretary to the Government of Madras. Revenue Department, dated Dharwar, 28th September 1865, No. 339 :—

Dated 26th instant.

1. I have the honor to submit herewith ten copies of a Circular I have drawn up on Dr. Forbes's new Lever Cotton Press.

2. From the fact of my having received numerous letters from different parties in the Madras Presidency, asking for particulars of this very useful invention, I have considered it probable that the Madras Government may be pleased to assist in the introduction of the Press into the Cotton Districts of the country under their rule.

3 With this end in view, I shall have much pleasure in forwarding as many copies of the Circular as may be wanted.

4. With the permission of the Madras Government, I shall further be happy to forward Circulars to the Officers in authority in the Madras Cotton Districts; in such case I would beg the favor of being furnished with the names and addresses of Officers that I should communicate with.

5. From experience I have found that Indian mechanics almost invariably make great mistakes in making machinery from drawings and specifications, no matter how clearly they are drawn up, and on this account I would most strongly advise that Presses should, in the first instance, always be taken from the Dharwar Cotton Gin Factory.

6. I intend to have drawings, &c., of the machine made, but from the want of the necessary appliances in this part of the country, fear that a long time will elapse before I can get a sufficient number lithographed for distribution.

No. 465. ORDER THEREON, 24th October 1865, No. 2,604.

Miscellaneous.

1. Communicated to the Revenue Board, with the Circulars for distribution. The Board will state how many more copies they require.

2. Application will be made to the Dharwar factory for four Presses. Two to be sent to Bellary, for that District and Cuddapah; one to Baypore for Coimbatore, and one to Tuticorin for Tinnevely. The two latter should be shipped from Carwar in the Coasting Steamer.

(True Extract.)

(Signed) W. HUDLESTON,
Acting Secretary to Government.

To the Board of Revenue.

Exd. S. T. Augustin.

REVENUE DEPARTMENT,
FORT SAINT GEORGE,
24th October 1865.

No. 466.

No. 2,605.

To

THE OFFICER IN CHARGE OFFICE OF COTTON COMMISSIONER, DHARWAR.

SIR,

Miscellaneous.

I am directed to acknowledge the receipt of your letter, dated 28th September 1865, No. 339, and of the Circular therewith forwarded, and to request that you will be good enough to cause four of Dr. Forbes' new Lever Cotton Press therein referred to, to be sent to the stations noted below:—

Two to Bellary, for the Collectors of that District and Cuddapah.

One to Beypore, for the Collector of Coimbatore.

One to Tuticorin, for the Collector of Tinnevely.

The two latter should be shipped from Carwar in the Coasting Steamer.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) W. HUDLESTON,

Acting Secretary to Government.

Exd. S. T. Augustin.

The following remarks on Dr.
Forbes's new lever Cotton Press are circulated by
the undersigned in the hope that a knowledge of
the great usefulness of the machine will lead to its
general introduction throughout the Cotton districts
of India.

The greater benefits of the
Machine may be roughly set down as follows:

- I. A large saving in the cost of labour to pack
Cotton for transport from the grower to steam
Hydraulic presses and the export ports.
- II. A large saving in cart, railway, steam
-or, boat, or other hire for conveyance from the grower
-or to the port of export.
- III. Great saving in cloth and rope to cover
bales.
- IV. Considerable saving of godown and
compound room to pack the bales.
- V. The cotton pressed by this machine is
carried clean, pure, and without waste.

VI.

The great saving of time in packing cotton for remission after it is ginned.

2nd.

The general use of this machine will obviate in a very great measure, if it does not altogether remove, the present main obstacle of the Indian cotton trade viz. the notoriously inadequate means that exist of transporting cotton from the grower to the export ports.

3rd.

The press is so simple that without any training common lay or coolies can work it; again it is so strong that stupidity cannot put it wrong and it will keep in perfect order for years.

4th.

The size of a bale made by the machine is length 3 feet 9 inches and breadth and thickness respectively 1 foot and 9 inches.

5th.

Each bale contains from 180 to 200 english pounds of cotton wool; according to quality.

6th.

The average time occupied in ginning, pressing, covering and roping, in fact making a bale is five minutes; the undersigned yesterday tried a press just sold and the time occupied by four contented coolies was only four minutes

and

and twenty five seconds.

7th.

The machine is worked by four men.

8th.

The price of a Press at the Dharwar Factory is Rupees (400) four hundred.

9th.

Two presses taken to pieces are about a load for five carts.

10th.

In a day of from sunrise to sunset one machine will press fully from 150 to 200 bales.

11th.

The difference of displacement between bales ^{packed} stored by this Press and the common bales of the country is at a moderate calculation considerably over one third in favor of the former; this only needs to be considered and the great benefit to all concerned in carrying cotton will be at once apparent.

12th.

The undersigned feels pretty certain that with the means and appliances he has at his disposal, these Presses can be made and forwarded from Dharwar to any part of India at a cheaper cost than they can be made elsewhere.

13th.

The acting Superintendent

of

of the Dharwar Factory will be happy to under-
-take the carriage to the coast and shipment at Car-
-war of any presses that are purchased from Dhar-
-war; he will also arrange by the land route to
forward presses as far on their way as Belgaum
in the Bombay Presidency and Bellary or Haver-
-rihur in the Madras district.

14th This Press should not be set up
where screw or Hydraulic presses are already a-
-vailable.

15th With hand screw cotton Presses the
case is different; Dr. Forbes's Press is superior in
every respect to all the machines of this description
that the undersigned has yet seen.

16th The "lever Press" is so much cheap-
-er and efficacious than any other machines that
have yet been introduced for the same purpose that
it will be found that looking at the matter in a
purely commercial sense or as a return of interest
on outlay Dr. Forbes's invention has a decided ad-
-vantage over all other cotton Presses yet constructed.

17th The Acting-Superintendent
Dharwar

15; 20
16
Dharwar Factory will be happy to forward on appli-
-cation any further particulars that may be required
as also if wanted more copies of this Circular.

Dharwar Factory—
26th September 1865 } (Signed) W. Walton
Acting-Superintendent.
Dharwar Factory.

P.S. The machine will be found equally well adapted
for pressing wool, hemp, flax, jute and other fibrous
materials; also for packing hay and grass to accom-
pany the Commissariat of an army.
C.W.

6. I intend to have drawings of
the various parts but from the want of
the necessary appliances in this part of the
country have not been able to do so
yet. I can get a sufficient number of the

most beautiful specimens of the
various kinds of the same.

Yours most respectfully
W. Walton

Collector of the British Museum

20

W. 2605. 24th Oct 1865.

To The Officer in Charge Office of
Cotton Commission. Darwar

Sir,
I am directed to acknowledge the receipt of your letter dated 28th Sept. 1865 to 339 and of the circular therewith forwarded, and to request that you will be good enough to cause four of D. Lother's New Lever Cotton Press therein referred to, to be sent to the stations noted below
Two to Bellary, for the Collector of that District and Cuddapah.
One to Bellary for the Collector of Chintamani.
One to Tuticorin for the M. of Travancore.
The two latter should be shipped from Farwar in the Coasting Steamer.

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Recd: 1865 Oct 24th
No. 2836.

From
The Officer in Charge
Office of Cotton
Commission Darwar

Dated 28th Sept 1865
Received 29th Oct 1865
No. 2836.

Obtained during the
copying of a circular from
upon of the Cotton Press
New Lever Cotton Press with a
formal to send more if
necessary, and advising
that in the circular
stated that the Press
should be sent to the first
instance also made stated
from the Officer in Charge

With an order

W. 2605. 24th Oct 1865.

24th Oct 1865.

Communicated to the
Board with the circular for
distribution. The Board will state
how many more copies they require.

W. 2605. 24th Oct 1865.
The Board will be made
to the Board for 4
copies. One to be sent to Bellary
for that District. The Board will
to Bellary for Chintamani, and
one to Tuticorin for Travancore.
The two latter should be shipped
from Farwar in the Coasting Steamer.

